Ingersoll Rand Company
Montvale, New Jersey

Site Investigation Report, Remedial Investigation Report, & Remedial Action Work Plan – Main Facility Area of the Former Ingersoll Rand Co. Facility – Phillipsburg, New Jersey
Case Nos.: NJD002395382 / 99685 / 2000050 / 2004306

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1.0 INTRODUCTION

ENSR has prepared this *Site Investigation/Remedial Investigation (SI/RI) Report and Remedial Action Workplan (RAW)* on behalf of Ingersoll-Rand Company (IR) to address remaining soil concerns within the Main Facility Area[1] of the former IR-Phillipsburg facility located in Phillipsburg, Warren County, New Jersey. The Main Facility Area of the former IR facility is shown on the USGS 7.5-minute Topographic Quadrangle Map of Easton PA-NJ, a portion of which is included as Figure 1. Figure 2 presents a Site Plan of the Main Facility Area.

In September 2004, IR sold their former property to Preferred Real Estate Investments (PREI) d/b/a Phillipsburg Associates, LP; Phillipsburg Associates I, LP; Phillipsburg Associates II, LP; and Phillipsburg Associates III, LP. IR has conducted its environmental investigations and remedial measures in such a way to facilitate the pending redevelopment of portions of the property including the Main Facility Area. As such, ENSR has conducted site and remedial investigations as proposed in ENSR's October 2004 *Site History Report* (*SHR*) at the Main Facility Area and surrounding parcels in order to address potential areas of concern (AOCs) identified in the 2004 *SHR* and to develop an appropriate action plan for final remediation in the area.

This *SI/RI/RAW* describes activities conducted to identify and delineate impacted soil located in the Main Facility Area and proposes remedial action to address the identified soil impacts. Specifically, 37 AOCs were identified through previous investigations and approximately 400 potential AOCs were identified in the 2004 *SHR*. These previously identified and potential AOCs are summarized on Table 1, and their approximate locations are depicted on Figure 2.

This *SI/RI/RAW* has been prepared in accordance with the following documents.

- March 14, 1994 Administrative Consent Order (ACO) and subsequent amendments between Ingersoll-Rand and the New Jersey Department of Environmental Protection (NJDEP), which is currently being administered by the Office of Brownfield Reuse (NJDEP, 1994a);
- June 1994 *Draft Remedial Investigation Work Plan (Draft RIWP)* (Tellus Consultants, 1994a);
- The Technical Requirements for Site Remediation (N.J.A.C.7:26E) as amended on February 3, 2003 (NJDEP, 1993);
- May 1992 NJDEP *Field Sampling Procedures Manual* (NJDEP, 1992);

[1] After purchasing the facility, Preferred Real Estate Investments (PREI) obtained approval of the Town of Phillipsburg Planning Board to subdivide the approximately 385 acres that comprise the facility. This new subdivision is shown in the PREI Final Subdivision Plat dated January 20, 2005. The Main Facility Area in this subdivision is comprised of those areas of the facility previously identified as Lot 4 and portions of Lots 6.01, 15.03, 7, and 11 in the *Site History Report* (ENSR, 2004).

- October 2004 *SHR* (ENSR, 2004c); and
- NJDEP letter dated December 30, 2004 (NJDEP, 2004).

Groundwater impacts have been identified in monitoring wells in the Main Facility Area including an area of light non-aqueous phase liquid (LNAPL) impact as well as dissolved chlorinated organic compounds present in many site wells. A groundwater investigation is being conducted across the former IR site. Results of the groundwater investigation will be presented in a separate submission. This report specifically discusses the soil investigations conducted at the Main Facility Area and, where appropriate, discusses potential source areas for groundwater impacts.

The remainder of this section describes the background, rationale and goal of the work conducted. The remainder of this report has been broken down into the following sections for ease of review:

- Section 2.0 - Physical setting of the area investigated is described,
- Section 3.0 - Historical information and the site conceptual model,
- Section 4.0 - Summary of data collected and impacts encountered,
- Section 5.0 - Findings of the site and remedial investigation,
- Section 6.0 - Remedial action to address the soil impacts reported in the Main Facility Area, and
- Section 7.0 – References.

1.1 Background

Site investigative activities began at the former IR property in the late 1970's when IR began a search for potential sources of light non-aqueous phase liquid (LNAPL) impact, which had been identified on the groundwater table beneath the Main Facility Area as well as in response to a 1986 NJDEP inspection which identified a potentially leaking aboveground storage tank (AST). Through these and subsequent investigations a total of 45 areas of concern (AOCs) were identified (4 relating to groundwater, the remaining 41 relating to soil issues) site-wide, with 37 of these originally identified AOCs present within the Main Facility Area.

Based on the 2004 *Site History Report*, as well as discussions with IR and NJDEP, additional soil sampling was required in the Main Facility Area to address potential AOCs identified in the October 2004 *SHR* as well as potential source areas of impacts to groundwater. The investigative strategy for the Main Facility Area was proposed in the *SHR* and included grid-based sampling to identify potential impacts related to AOCs near Building #20 coupled with additional AOC-specific investigations and the use of existing soil sample analytical data to assess the newly identified AOCs. Additionally, proposed grid-based soil sample locations were biased to potential AOCs in the vicinity of each grid-node, where appropriate. This approach was further modified to address NJDEP concerns related to the investigation for potential source areas of groundwater impact (NJDEP letter dated December 30, 2004). Soil impacts reported in excess of applicable soil cleanup criteria (SCC) are planned for

remedial action through limited active remediation and the development of a deed restriction for the property with engineering controls as necessary.

1.2 Rationale for Work

As per the ACO between the State of New Jersey and IR, IR is responsible for remedial activities including investigation and remediation (if necessary).

1.3 Objectives of the Work

The objectives of the work are to maintain IR's compliance with the ACO, and to complete soil remedial activities at the Main Facility Area in order to expedite closure and facilitate the redevelopment of the Main Facility Area as planned by Phillipsburg Associates. Groundwater remedial activities are not addressed as part of this SI/RIR/RAW, and shall be addressed in a forthcoming submission.

2.0 PHYSICAL SETTING

2.1 Location and Surroundings

The former IR property is located at 942 Memorial Parkway in Phillipsburg, New Jersey and occupies approximately 383 acres within the Town of Phillipsburg and Lopatcong Township. The Main Facility Area consists of approximately 55 acres of developed land in the center of the property. This area was historically the center of IR's manufacturing operations at the site with the exception of the metal casting operations, which were centered in the Foundry Area to the west of the Main Facility Area. Operations in the Main Facility Area consisted of all manufacturing processes which supported IR's product lines. Throughout the facility's history, products manufactured at the site included pumps, drills, compressors, locomotive engines, and machinery. Presently, this portion of the property consists of various buildings utilized for research and development and pump assembly by Curtiss Wright Corporation (Curtiss Wright), steel fabrication by State Line Fabricators, research and development by Flow Serve Corporation (Flow Serve), and office space by PREI, Curtiss Wright, and Flow Serve. Several buildings are currently vacant. In addition to remaining structures, there are former concrete building slabs, foundations, roads, paved parking areas and landscaped areas throughout the Main Facility Area. Historical facility maps were submitted in the 1994 *Draft RIWP* and the 2004 *SHR* and are not repeated here. A current site map is included as Figure 2.

The areas surrounding the Main Facility Area are comprised of other portions of the former IR facility. Eastward, the Main Facility Area is bounded by vacant or under-utilized portions of the former property including the abandoned Aboveground Tank Farm, Inverse Ponds, and Farm Area. South of the Main Facility Area are the Old and New Landfills, beyond which lies farmland. Southwest of the Main Facility Area is the Cameron Area, which was historically used for pump manufacturing. Northward, the Main Facility Area is bounded by empty lots and a bus maintenance garage, beyond which lies Route 22 and associated commercial and residential development. The west side of the Main Facility Area is bounded by the Foundry Area, which was historically the center of all casting operations for the various products manufactured at the site.

Sensitive receptor evaluations were conducted as part of the 1994 *Draft RIWP*, the July 2002 *Southside Baseline Ecological Investigation* (ENSR, 2002) for the southern portions of the site, and the July 2004 *Baseline Ecological Evaluation* (ENSR, 2004) for the entire site. In addition, an Ecological Investigation of the Western Stormwater Retention Basin (located in the Foundry Area of the former IR facility) was conducted in 2005. The results of these investigations indicate that there are no environmentally sensitive areas (ESAs) within the Main Facility Area. One ESA (a wetland within the stormwater retention basin) is located in the Foundry Area of the former IR site. Although this ESA is not located within the Main Facility Area, it is possible that surface runoff from the Main Facility Area reaches this ESA via the site's stormwater management system. These issues have been considered and were addressed in the Ecological Investigation Report for the Western Stormwater Retention

Basin, which is provided as Appendix D in ENSR's 2005 *Site Investigation Report, Remedial Investigation Report (SI/RI), and Remedial Action Workplan (RAW) for the Foundry Area of the Former Ingersoll Rand Co. Facility – Phillipsburg, New Jersey*.

An experimental mine was also located beneath the Main Facility Area with access shafts located in the Foundry Area. It has been reported that the mine was utilized to test a variety of IR's mining tools including rock drills and hammer drills. The mine, as discussed in the 2005 *SI/RI/RAW for the Foundry Area*, is intact and is largely filled with groundwater. Based on a groundwater sample collected in the mine, no groundwater impacts are present and as such, no further action is proposed. Any additional mine closure activities that may be required by the New Jersey Department of Labor will be addressed by Phillipsburg Associates separately from any environmental concerns.

2.2 Topography and Drainage

As shown on the USGS 7.5-minute Quadrangle Map for Easton PA-NJ (Figure 1), the Main Facility Area is situated at the top of a ridge at approximately 360 feet above mean sea level (AMSL). General topography at the site is relatively flat but topography at the remaining portions of the former IR property ranges from gently to steeply sloping with elevations of approximately 310 feet AMSL at the western boundary and 225 feet AMSL at the southeastern boundary of the former IR property.

Historically, topography sloped gently to the south-southeast across the Main Facility Area. However, filling activities associated with the facility construction and with other construction projects have resulted in the leveling of the Main Facility Area's topography.

Approximately 85% of the Main Facility Area is covered by existing buildings, pavement and/or building foundations remaining after the razing of facility buildings in the 1980s and early 1990's. Surface runoff on paved (impervious) surfaces is generally channeled into a stormwater sewer network which drains the bulk of the Main Facility Area into the Spray Pond and subsequently the Inverse Ponds. Some stormwater may also be channeled to the stormwater retention basin located at the western side of the former property. Much of the stormwater that falls on the remaining permeable surfaces likely infiltrates to the subsurface.

2.3 Soils

The naturally occurring soils at the Main Facility Area consist of clayey silty carbonate rock residuum and rock rubble resulting from the in-place weathering of the underlying carbonate rock formations. Throughout the Main Facility Area, these soils were overlain by glacial till of the Port Murray Formation, which pre-dates the Illinoian and Wisconsinan glacial deposits common in northern New Jersey (Stone, Stanford, and Witte; 2002). Much of the Port Murray Formation till may have been disturbed or removed in the process of facility development and subsequent building activities over the years.

Fill is also present over much of the Main Facility Area and consists mainly of black to dark brown sand sometimes mixed with other material and building debris. Fill was historically generated by foundry activity as the sand used in the foundry casting process was spent. Spent foundry sand was used throughout the facility to level or fill ground for construction projects. Thickness of the fill varies across the Main Facility Area and ranges from zero to 15 feet. Soil boring logs prepared from soil borings conducted as part of this investigation (see Appendix A) confirm that black sandy fill material is present in many areas of the Main Facility Area overlying the native soil, which is often characterized as orange-brown silty clay. Bedrock was encountered at several soil boring locations and found at depths ranging from 3 to 41 feet below the ground surface (bgs).

2.4 Geology

Bedrock underlying the Main Facility Area consists of two major geologic units. The older unit, the Allentown Formation, is present throughout the western half of the Main Facility Area and consists of a very fine to medium grained, gray to dark gray dolomite dating from the late Cambrian period. The other rock unit, the Rickenbach Formation, present on the eastern portion of the Main Facility Area consists of a fine to coarse grained, light to dark gray dolomite with some breccia and chert beds of early Ordovician age. Both formations strike in a north to northeasterly direction and generally dip to the southeast.

The Allentown and Rickenbach Formations are complexly folded and faulted. Small-scale faulting may be present onsite, and the Whippoorwill Thrust Fault is located within ½-mile of the Main Facility Area.

Bedrock below the site displays characteristics of an active karst aquifer, as evidenced by sinkhole activity and borehole instability during monitoring well installations onsite. Open void spaces have also been encountered in the bedrock during drilling activities.

Site geology was discussed in greater detail in the January 2005 Annual Groundwater Monitoring Report (ENSR, 2005), where a Geologic Conceptual Model was presented.

2.5 Hydrogeology

No overburden aquifers are present onsite. Groundwater is first encountered in the fractures and openings in the bedrock. Groundwater potentiometric surface in the Main Facility Area ranges from approximately 260 to 270 feet AMSL [approximately 85 to 95 feet below ground surface (bgs), based on data collected from monitoring wells on site]. Groundwater elevation measurements indicate relatively large seasonal fluctuations in groundwater elevation. Due to these variations in groundwater potentiometric surface, site monitoring and recovery wells have been constructed as open-borehole wells, often with open borehole lengths of greater than 25 feet.

The flow of water through dolomitic bedrock is primarily related to the size and the number of openings in the rock, such as faults, fractures, joints, and bedding openings. Based on the geologic conceptual model, groundwater elevation measurements, and observations of the movement of LNAPL, groundwater appears to flow in a northeasterly direction along the strike of the geologic formation. Based on potentiometric surface data, a southwesterly groundwater flow component may also be present at the southwestern portion of the Main Facility Area.

Although LNAPL and dissolved-phase groundwater impacts have been identified in monitoring wells in the Main Facility Area, groundwater investigations at the former IR property are progressing and will be presented in separate submissions.

2.6 Surface Water and Wetlands

One man-made impoundment, the Spray Pond, is present in the Main Facility Area and no natural surface water bodies are present. Additional man-made impoundments are present on adjacent lots of the former IR property and include the stormwater detention pond to the west and the Inverse Ponds to the east. Lopatcong Creek is located approximately 1/3-mile southeast of the Main Facility Area and the Delaware River is located approximately one-mile southwest of the site.

Based on the NJDEP Freshwater Wetlands Maps as presented in the NJDEP Geographic Information System (GIS) Resource Data CD-set (1996), wetlands are present on the former IR site and include deciduous scrub-shrub wetlands in the stormwater retention basin west of the Main Facility Area, modified wetlands in the vicinity of the Inverse Ponds and drainage ditch southeast of the Main Facility Area, and the Spray Pond as an artificial lake. ENSR conducted a wetland delineation at the former IR facility in 2003 and determined that only one wetland located in the current stormwater retention basin was present at the site. All other features were not present or were not jurisdictional. At the time of this submission, NJDEP has not yet commented on the Wetland Delineation Report and discussions are currently underway with the NJDEP's Land Use Regulation Program (LURP) to determine whether features at the former IR site are regulated under the New Jersey Freshwater Wetlands Protection Act.

3.0 HISTORICAL INFORMATION

3.1 Site History

Prior to IR's purchase of the Main Facility Area circa 1903, the property was predominantly used for agricultural purposes. Subsequent to IR's purchase of the site, the farms were replaced with an industrial complex with a variety of structures ranging from large manufacturing facilities, to moderately sized support and administrative buildings, and smaller sheds, storage structures, and other structures. A detailed site history was presented in the October 2004 *SHR* and presents a more thorough review of site development and use of the site. Historically, activities conducted in the Main Facility Area included the manufacturing of hammer drills and rock drills, compressors, and pumps; product testing; assembly of railroad locomotives; various metal working and treating operations including heat treating, sand and shot blasting, and pickling; metal finishing and painting; facility maintenance; boiler operations; bulk storage of oil and other materials; medical diagnostics and first aid.

Multiple shaving and scrap bins for the temporary storage of metal pieces and cuttings generated during metal working activities were located throughout the Main Facility Area. Miscellaneous storage sheds were also present across the site and included lumber and coal storage, horse stables, vehicle garages, and maintenance sheds.

In addition to the buildings, a concrete lined reservoir (Spray Pond) was completed circa 1905 in the southeast corner of the Main Facility Area. The Spray Pond originally supplied facility operations with process and cooling water for the boiler house (Building #12) and accepted stormwater and non-contact cooling water. The Spray Pond remains in use at the facility as a receptacle of non-contact cooling water from the facility laser laboratory and stormwater from much of the Main Facility Area. The Spray Pond discharges to downstream inverse ponds and ultimately to the Lopatcong Creek under a Discharge to Surface Water (DSW) permit (Permit No. NJ0157538).

Two production wells were installed in the Main Facility Area. The first production well was constructed circa 1903 with an associated water tower, both of which were located between Building #8 and Building #12. This well was connected to the facility's combined potable water and fire suppression system which was supplemented with connections to offsite water sources. In 1934 a second production well was constructed at the northeast corner of the spray pond, presumably to provide additional water to the facility. This well remains in use to supply the facility with production, fire, and potable water. To provide appropriate storage, water is pumped from the well into a bulk aboveground storage tank north of the AST-farm. After LNAPL and dissolved chlorinated compounds were identified in groundwater in the 1970s and 1980s, an air stripper was placed in-line to remove dissolved-phase volatile constituents.

Since the 1980s, production activities at the site have declined due to consolidation of operations at other IR locations resulting in the moving of IR's pump operations, which were formerly conducted in the Cameron Area, to the Main Facility Area. In early August 2000, the pump manufacturing business was sold to FlowServe Corporation (FlowServe) which continued to operate at the Main Facility Area under a lease from IR. In late 2004, after IR's sale of the property to Phillipsburg Associates, Flow Serve sold the majority of its interests in the continuing operations at the site to Curtiss-Wright, which now leases space in the Main Facility Area from Phillipsburg Associates. Other operations in the Main Facility Area include steel fabrication by Stateline Fabricators, and general administrative operations by FlowServe, Curtiss Wright, Stateline Fabricators, and Preferred Real Estate Investments. Many of the remaining structures in the Main Facility Area are vacant or partially utilized.

3.2 Project History

Environmental investigations at the former IR facility were commenced in response to the identification of LNAPL on the groundwater surface beneath the plant area in the 1970s as well as in response to NJDEP inspections. By late 2004, after a variety of investigations and interim remedial measures, a total of 45 AOCs were identified across the former IR property, 37 of which were identified in the Main Facility Area. Pertinent NJDEP submissions related to the continued investigative and remedial activities at these AOCs are as follows:

- *Draft Remedial Investigation Work Plan* (Tellus Consultants, 1994a);
- *Supplemental Draft Remedial Investigation Work Plan* (Tellus Consultants, 1994b);
- *Report of Soil Investigation AOC-38 & AOC-35* (ENSR,1995);
- *UST [Underground Storage Tank] Closure and Site Investigation Report* (ENSR, 1996);
- *AOC-1 Field Sampling Summary Report* (ENSR, 1997);
- *Remedial Investigation Report (AOC-10, 11, & 12)* (ENSR, 2000b);
- *AOC-23, 33, & 34 Former Incinerators SI Report* (ENSR, 2002);
- *Baseline Ecological Evaluation* (ENSR, 2004a);
- *Soil Remedial Investigation Report* (ENSR, 2004b); and
- *Site History Report* (ENSR, 2004c);

NJDEP response to these reports included requests for additional investigations or concurrence that No Further Action (NFA) was warranted at various AOCs. Specific NJDEP correspondence indicating NFA concurrence for investigative activities are included in letters dated:

- October 18, 1994 – Re: Ingersoll-Rand Site, Draft Remedial Investigation Workplan Dated June 20, 1994; which commented on AOC-6, AOC-20, AOC-21, AOC-24, AOC-25, AOC-27, and AOC-28 (NJDEP, 1994b);
- January 23, 1997 – Re: UST Closure and Site Investigation Report; which commented on AOC-4, AOC-7, AOC-8, AOC-9, AOC-13, AOC-14, and AOC-15 (NJDEP, 1997);

- July 6, 1999 – RE: Field Sampling Summary for Area of Concern 30 – Spray Pond (NJDEP, 1999);
- April 11, 2000 – Re: Report of Soil Investigation of AOC-38 and AOC-35 (NJDEP 2000a);
- August 2, 2000 – Re: Report of Soil Investigation of AOCs 10, 11, & 12 (NJDEP 2000b);
- December 19, 2002 – Re: AOC 23, 33, and 34 (Former Incinerators) Site Investigation Report (NJDEP, 2002); and
- December 30, 2004 – Re: Ingersoll Rand Site, Baseline Ecological Evaluation dated July 2004, Site History Report dated October 2004, and Soil Remediation Investigation Report dated November 2004 (NJDEP, 2004).

3.2.1 Results of Historical Investigations

A summary of the historical investigative results of each of the soil AOCs identified at the Main Facility Area from the inception of environmental investigative activities until 2004 is presented below.

3.2.1.1 AOC-1 (Transformer [Removed] East End Bldg. 12)

This AOC, the former location of six transformers, was identified in the 1994 *Draft RIWP* and is located at the east end of the Powerhouse (Building #12). The transformers were installed in the 1920's and were removed in the 1960's when changes to the facility power grid system made them unnecessary. In August and September 1997, ENSR collected investigative samples around the concrete pad which formerly held the transformers. Soil analytical data was reported in the October 23, 1997 *Field Sampling Summary Report* submitted to Ingersoll-Dresser Pump Co. (IDP) and later transmitted to NJDEP. Based on the reported soil analytical results, concentrations of total petroleum hydrocarbons (TPHC) and polychlorinated biphenyls (PCBs) were identified in excess of applicable soil cleanup criteria.

Soil samples collected between 1998 and 2004 have delineated the PCB and TPHC impacts at this AOC to the NJDEP Most Stringent Soil Cleanup Criteria (MSSCC) (i.e., the lowest of the residential direct contact, non-residential direct contact, and impact to groundwater soil cleanup criteria). As reported in the 2004 *Soil Remedial Investigation Report*, ENSR recommended no further investigative activities and that this AOC be included in a deed notice.

3.2.1.2 AOC-3 (Chip Pads)

Six separate chip pads were identified in the 1994 *Draft RIWP* as concrete or gravel pads that were historically used for the temporary storage of metal chips generated from machining operations. Three of these AOCs are located within the Main Facility Area; two located north of the New Landfill (AOCs 3C and 3D) and one located at the current location of Building #17B (AOC-3E).

Initial soil samples were collected at AOCs 3C and 3D in 2002. Soil samples were collected in 2003 and 2004 to delineate identified impacts at AOCs 3C and 3D and to investigate AOC-3E. Based on the

results of these investigations, which were reported in the 2004 *Soil Remedial Investigation Report*, arsenic impacts were identified throughout AOCs 3C and 3D and delineated to the boundaries of the Main Facility Area. Results of investigations at AOC-3E indicated the presence TPHC and PCBs at concentrations in excess of applicable criteria. These impacts were delineated by nearby soil samples and were proposed to be addressed via a deed notice with the current building foundation functioning as an engineering control.

3.2.1.3 AOC-7 (Three Fuel-Oil USTs at the Northeast Corner of Building #13)

Tellus Consultants identified three USTs below the northeast corner of Building #13 in the 1994 *Draft RIWP* based on their review of a 1922 site plan. These USTs were abandoned in place in 1996 as reported in the October 1996 *UST Closure Report*. Soil sampling conducted during closure operations and reported in the 1996 report indicated that no compounds exceeded applicable criteria. NJDEP responded in a January 23, 1997 letter, stating that No Further Action is required for AOC-7.

3.2.1.4 AOC-9 (One 10,000-Gallon Fuel Oil UST on the East Side of Building #12)

Tellus Consultants identified this UST east of Building #12 in the 1994 *Draft RIWP* based on their review of historic documents. The tank was reportedly filled in-place with concrete and its use was not determined. In 1996, sampling was conducted in the vicinity of the former UST. As reported in the 1996 *UST Closure Report*, no compounds were detected in samples that exceeded applicable criteria. NJDEP responded in a January 23, 1997 letter, stating that No Further Action is required for AOC-9.

3.2.1.5 AOC-10 (Building #14 – Former Heat Treat)

The 1994 *Draft RIWP* identified this AOC due to the use of former Building #14 for the heat treating operation. Investigations, reported in the 2000 *Remedial Investigation Report (AOC-10, 11 & 12)*, indicated impacts of tetrachloroethene (PCE), Polycyclic Aromatic Hydrocarbons (PAHs), arsenic, beryllium, lead, and thallium at concentrations exceeding applicable soil cleanup criteria. Based on the fact that these impacts were largely delineated and that the area was covered by the concrete slab of the former building or asphalt, ENSR proposed no further investigative activities and that the area be incorporated into a deed notice. NJDEP agreed with this approach in their August 2, 2000 letter indicating that a conditional No Further Action would be approved based on the institution of a deed notice for the area and additional groundwater investigation.

3.2.1.6 AOC-11 (Former 10,000-Gallon Methanol UST South of Building #14)

This AOC, a former 10,000-gallon methanol UST located south of former Building #14, was identified in the 1994 *Draft RIWP*. The UST was reported to have been cleaned and filled with sand. However, upon inspection, the tank appeared empty. In 1996, this UST was abandoned in-place and soil samples were collected to document soil quality in the vicinity of the tank. Soil analytical results reported in the 1996 *UST Closure Report* indicated no impacts, but samples could not be collected below 3.5 feet bgs due to refusal. In 1999 additional soil borings were completed to deeper depths and soil samples were collected to verify soil quality near the UST invert. Soil analytical results reported in the 2000 *Remedial Investigation Report (AOC-10, 11 & 12)* indicated no volatile organic compounds (VOCs) or methanol present in excess of applicable soil cleanup criteria. As such, No Further Action was recommended. NJDEP responded in their August 2, 2000 letter in agreement of the recommendation.

3.2.1.7 AOC-12 (Quench Oil Tanks)

As detailed in the 1994 *Draft RIWP* and the February 2000 *Remedial Investigation Report for AOCs 10, 11, and 12*, two 10,000-gallon steel USTs which previously contained quench oil used in heat treating operations, were removed from south of former Building #14 - one in 1988 and one in 1996. Results of the UST closure and subsurface evaluation were detailed in the 1996 *UST Closure and Site Investigation Report* and the February 2000 *Remedial Investigation Report for AOCs 10, 11, and 12*. Soil analytical results reported in these documents indicated that TPHC, PAHs, arsenic, and beryllium had been reported at concentrations in excess of applicable soil cleanup criteria. Based on field observations and the soil analytical results from these AOCs, additional sampling was required to characterize the extent of impact in this area. Additional soil sampling was conducted in 2003 and 2004. Based on soil analytical results, which were presented in the 2004 *Soil Remedial Investigation Report*, impacts have been delineated and the area is addressed as part of the Remedial Action Workplan (RAW) presented in Section 6.0 of this document.

3.2.1.8 AOC-13 (500-Gallon Gasoline UST south of Building #14)

As detailed in the 1994 *Draft RIWP*, this AOC was identified based on a 1926 Site Plan south of former Building #14. As described in the 1996 *UST Closure and Site Investigation Report*, excavation in the location did not identify the presence of a tank, fill material, or evidence of disturbance. As such, it was assumed that either the tank had been previously removed, was only a proposed location identified on the map, or was not located at the area indicated on the 1926 map. No Further Action was proposed for this area and NJDEP concurred with this proposal in their January 23, 1997 letter.

3.2.1.9 AOC-14 (500-Gallon Benzene UST North of Building #14)

According to the 1994 *Draft RIWP*, a 500-gallon benzene UST was identified on a 1960 Site Plan. In 1996 an excavation was completed at the location of this former UST and uncovered a cement block containment pit that was filled with concrete and crushed gravel. Based on discussion with a facility employee, it is likely that the tank was formerly located in the containment pit. To confirm soil quality in the vicinity of the former UST, two soil samples were collected outside of the containment structure. Analytical results reported in the 1996 *UST Closure and Site Investigation Report* indicated that no compounds were detected in excess of applicable soil cleanup criteria. No Further Action was recommended for this area and the NJDEP concurred with this proposal in their January 23, 1997 letter.

3.2.1.10 AOC-15 (Two 1,000-Gallon USTs North of Building #8)

According to the 1994 *Draft RIWP*, a 1,000-gallon diesel UST and 1,000 gallon lube oil UST were identified on a 1960 Site Plan north of Building #8 based. The tanks were situated adjacent to the footer of Buildings #7 and #8 and could not be removed without undermining the structural integrity of the buildings. These USTs were closed in-place according to applicable regulations and six soil samples were collected to document soil quality in the vicinity of the USTs. Soil analytical results, reported in the 1996 *UST Closure and Site Investigation Report*, indicated that no compounds were detected in excess of applicable soil cleanup criteria. No Further Action was recommended for this area and NJDEP concurred with this proposal in their January 23, 1997 letter.

3.2.1.11 AOC-16 (Former Drill Manufacturing Building #17)

As reported in the 1994 *Draft RIWP*, Building #17 was used for the manufacture of rock drills. Based on additional document review, other operations at Building #17 included welding, casting, shot blasting, and sand blasting. The building was first identified on historic site plans dated 1913 and was leveled in the mid-1980s. Subsequently, a large portion of the remaining foundation was covered with asphalt and is currently used as a parking lot.

Former Building #17 was identified as an AOC in the *1994 Draft RIWP* because it formerly contained trenches and/or pits, which could have potentially contributed to site environmental impact. A site investigation of this area was determined to be warranted.

In 2003 and 2004, soil borings were collected based on the 1994 *Draft RIWP*. Soil analytical results, which were reported in the 2004 *Soil Remedial Investigation Report*, indicated that arsenic, beryllium, and thallium concentrations were identified in excess of applicable soil cleanup criteria. These impacts have been delineated and the area is addressed as part of the RAW presented in Section 6.0.

3.2.1.12 AOC-19 (Air Trappage Tank)

The "Air Trappage Tank" was described in the 1994 *Draft RIWP* as a 1,500-gallon, aboveground, welded steel tank that received approximately 50 gallons per day of air trap discharge (lubricating oil/condensate mix) from the air compressors in Building #12. The AST was situated on a 10x16-foot containment pad and was surrounded by coated cement block walls. As reported, an EPA/NJDEP inspection in 1986 noted oil staining adjacent to the containment structure for this tank. A sampling plan was submitted to the NJDEP in 1987 and initial sampling was conducted in 1988. Initial investigative activities indicated concentrations of TPHC, VOCs, PAHs, and metals (specifically arsenic, copper, lead, and nickel) in excess of the applicable soil cleanup criteria.

Additional soil sampling was conducted in 2003-2004. Soil analytical results, which were reported in the 2004 *Soil Remedial Investigation Report*, indicated delineation was completed to nearby AOCs and that this AOC is addressed as part of the RAW presented in Section 6.0.

3.2.1.13 AOC-20 (5,000-Gallon Waste Oil AST in Building #12)

According to the 1994 *Draft RIWP*, this AST is located in the basement of the powerhouse (Building #12) and was regulated under the facility's Hazardous Waste Storage Permit. The tank, which was previously located in a vault, had been moved to a containment area in the basement and had continued to be used under the facility's Resource Conservation and Recovery Act (RCRA) permit and had been inspected weekly as per RCRA and Discharge Prevention, Control, & Countermeasure (DPCC) regulation. Based on the tank's regulatory status, IR determined that the AST was not applicable to the Industrial Site Remediation Act (ISRA). NJDEP concurred with this assessment in their October 18, 1994 letter, but raised concerns about this tank during a site meeting in late 2003. Based on this meeting, the AST was re-evaluated.

As documented in ENSR's December 5, 2003 letter to NJDEP, this AST had been taken out of service at some time after the 1994 *Draft RIWP* had been submitted. This tank has since been closed under RCRA regulations and removed from the facility. No staining or other evidence of past leaks or discharge was observed in the former containment structure. No Further Action was again proposed for this AOC. As of the date of this submittal, NJDEP has not commented on this proposal.

3.2.1.14 AOC-21 (Waste Coolant Tank South of Building #9)

As documented in the 1994 *Draft RIWP*, a waste coolant AST located south of Building #9 was permitted under the facility's RCRA permit. The AST was located in a secondary containment structure and was inspected weekly per RCRA and DPCC regulations with no evidence of discharge observed or documented while the AST was in use. Based on these facts, No Further Action was recommended. NJDEP concurred with this assessment in their October 18, 1994 letter but raised

concerns about this tank during a site meeting in late 2003. Based on this meeting, the AST was re-evaluated.

As documented in ENSR's December 5, 2003 letter to NJDEP, the AST had been taken out of service some time after the 1994 *Draft RIWP* had been submitted. This tank has since been closed under RCRA regulations and removed from the facility. No staining or other evidence of past leaks or discharge was observed in the former containment structure. No Further Action was again proposed for this AOC. As of the date of this submittal, NJDEP has not commented on this proposal.

3.2.1.15 AOC-22 (600-Gallon Brill Skimmer)

As documented in the 1994 *Draft RIWP*, a 600-gallon brill skimmer AST was in use at the time of the report and was used as an oil skimmer and collection vessel for oil removed from the Spray Pond pre-treatment area. The AST was permitted under the facility's former RCRA Part B permit, was inspected weekly per RCRA and DPCC requirements, and was located in a secondary containment structure with an impermeable liner. No evidence of discharge was observed nor was any discharge documented. Based on these facts, No Further Action was recommended. NJDEP concurred with this assessment in their October 18, 1994 letter but raised concerns about this tank during a site meeting in late 2003. Based on this meeting, the AST was re-evaluated.

As documented in ENSR's December 5, 2003 letter to NJDEP, the AST was taken out of service some time after the 1994 *Draft RIWP* had been submitted and remains at the facility. No staining or other evidence of leaks or discharge were observed in the vicinity of the AST. As such, No Further Action was again proposed for this AOC. As of the date of this submittal, NJDEP has not commented on this proposal.

3.2.1.16 AOC-23 (Former Incinerator Location)

As reported in the 1994 *Draft RIWP*, a review of historic site plans conducted by Tellus Consultants identified that three incinerator sites had been present at the facility. One of these incinerators designated AOC 23, which operated from 1967 to 1974, was located at the south end of the Spray Pond within the Main Facility Area.

This incinerator site was used for the burning of wood and other trash materials. As that the nature of the materials incinerated is not well known and because no sampling was likely conducted at the time of the incinerators' demolitions to verify that they had not impacted the surrounding soils, these three areas were included in the 1994 Draft *RIWP*. Incineration was discontinued at the site after 1974 and all incinerator structures have been demolished.

Based on the results of a site investigation conducted at this AOC, which was reported in the September 2002 *AOC-23, 33, & 34 (Former Incinerators) SI Report*, concentrations of PAHs and metals

were reported in excess of applicable soil cleanup criteria. Soil characterization from soil borings collected in this AOC were reported to have consisted either partly or entirely of the gray to black sandy fill material that is present in this area of the site to depths greater than eight feet bgs. Based on the soil characterization, these incinerators were located on top of the northern most sections of the Old Landfill. Additionally, soil analytical results from this AOC indicate similar impacts to those identified in the Old Landfill. ENSR has proposed that this incinerator AOC be incorporated into the Old Landfill.

3.2.1.17 AOC-24 (2000-Gallon Process Tank)

As documented in the 1994 *Draft RIWP*, this AST, located in Building #12, was used to store waste coolant, oil, and water for batch process through the ultrafilter (AOC 28). This AST was permitted under the facility's former RCRA permit, was inspected weekly per RCRA and DPCC requirements, and was located in a secondary containment structure. No evidence of discharge was observed nor was any discharge documented. Based on these facts, No Further Action was recommended. NJDEP concurred with this assessment in their October 18, 1994 letter but raised concerns about this tank during a site meeting in late 2003. Based on this meeting, the AST was re-evaluated.

As documented in ENSR's December 5, 2003 letter to NJDEP, the AST had been taken out of service some time after the 1994 *Draft RIWP* had been submitted and has since been closed under RCRA and removed from the facility. No staining or other evidence of leaks or discharge were observed in the vicinity of the AST. No Further Action was again proposed for this AOC. As of the date of this submittal, NJDEP has not commented on the proposal.

3.2.1.18 AOC-25 (Two 10,000-Gallon USTs Southwest of Building #17)

As reported in the 1994 *Draft RIWP*, two 10,000-gallon USTs were formerly located southwest of Building #17. These USTs were identified as an AOC, but had already been removed in 1985 and excavated in 1987 in accordance with an NJDEP-approved closure plan. Approximately 650 cubic yards of soil from the former tank excavation was removed and transported offsite for disposal. Based on the completion of remedial activities prior to the report, No Further Action was recommended. NJDEP concurred with this assessment in their October 18, 1994 letter.

3.2.1.19 AOC-27 (Hazardous Material/Waste Storage Shed East of Building #12)

As reported in the 1994 *Draft RIWP*, the hazardous waste storage shed located east of Building #12 had been in use at the time the RIWP was prepared and was regulated under the facility's RCRA permit. The shed was designed for the storage of hazardous materials and was constructed in a diked area on a concrete slab with a collection sump. Inspections of this area were completed weekly as per RCRA and DPCC requirements. No discharges were documented. Based on these facts, No Further Action was recommended. NJDEP concurred with this assessment in their October 18, 1994 letter but

raised concerns about this area during a site meeting in late 2003. Based on this meeting, the area was re-evaluated.

As documented in ENSR's December 5, 2003 letter to NJDEP, the Hazardous Waste Storage Shed remains in use by Curtiss Wright as a temporary storage area. Weekly inspections continue as per DPCC regulations and no discharges from this area have been documented. No Further Action was again proposed for this AOC. As of the date of this submittal, NJDEP has not commented on this proposal.

3.2.1.20 AOC-28 (Ultrafilter in Building #12)

As documented in the 1994 *Draft RIWP*, the ultrafilter in Building #12 was used to separate waste coolant and oil from water received from the process tank (AOC 24). Waste coolant and oil were contained and water was discharged to the sanitary sewer. This AST was permitted under the facility's RCRA permit, was inspected weekly per RCRA and DPCC requirements, and was located in a secondary containment structure. No evidence of discharge was observed nor was any discharge documented. Based on these facts, No Further Action was recommended. NJDEP concurred with this assessment in their October 18, 1994 letter but raised concerns about this tank during a site meeting in late 2003. Based on this meeting, the AST was re-evaluated.

As documented in ENSR's December 5, 2003 letter to NJDEP, the AST had been taken out of service at some time after the 1994 *Draft RIWP* had been submitted and has since been removed from the facility. No staining or other evidence of leaks or discharge were observed in the vicinity of the AST. No Further Action was again proposed for this AOC. As of the date of submittal of this document, NJDEP has not commented on this proposal.

3.2.1.21 AOC-30 (Sediment in Spray Pond)

The Spray Pond, as described in the 1994 *Draft RIWP*, is a 2.5-million gallon concrete lined rectangular surface impoundment that had been used to receive non-contact cooling water from the powerhouse (Building #12) and stormwater from the eastern portion of the facility. In the mid-1970s, the sediment at the bottom of the pond was removed and placed east of the inverse ponds (see AOC 2). Analytical results from samples collected from this material indicated that TPHC, PAHs, PCBs, and metals were in excess of the applicable soil cleanup criteria. Because this previously removed sediment had reported impacts, the sediment presently in the Spray Pond was included as an AOC.

In 1996, eight sediment samples were collected from the Spray Pond. Analytical results reported in a letter to NJDEP dated April 25, 1996 indicated that TPHC, PAHs, PCBs, and metals were present in the sediment at concentrations greater than the applicable soil cleanup criteria.

IR sent a letter to the NJDEP, dated December 20, 1999 which stated that based on the presence of a concrete liner in the spray pond and based on groundwater analytical results from a nearby monitoring well, the spray pond sediment was not impacting soil or groundwater. In the same letter, IR again requested No Further Action with sediment to be addressed as a facility maintenance issue. As of the date of submittal of this document, NJDEP had not responded to this request. This area is now addressed as part of the RAW presented in Section 6.0.

3.2.1.22 AOC-34 (Former Incinerator Location)

As reported in the 1994 *Draft RIWP*, a review of historic site plans conducted by Tellus Consultants identified that three incinerator sites had been present at the facility. This incinerator site (AOC-34), identified from a 1960 site plan was located immediately west of Building #22 and southwest of the Spray Pond.

This incinerator was used for the burning of wood and other trash materials. Incineration was discontinued at the site after 1974 and all incinerator structures have been demolished.

Based on the results of site investigations conducted at these AOCs reported in the September 2002 *AOC-23, 33, & 34 (Former Incinerators) SI Report*, concentrations of PAHs and metals were reported in excess of applicable soil cleanup criteria. The samples were reported to have consisted either partly or entirely of the gray to black sandy fill material that is present in this area of the site to depths greater than eight feet bgs. Based on the soil analytical results, impacts at this location are similar to those observed at Old Landfill (AOC-29), which borders the Main Facility Area to the south of AOC-34. These impacts in this area are addressed as part of the RAW presented in Section 6.0.

3.2.1.23 AOC-35 (1,000-Gallon Diesel UST East of Building #12)

As reported in the 1994 *Draft RIWP*, this a 1,000-gallon UST formerly located east of Building #12 was removed in the mid 1970s. The tank had a history of leakage and sampling was conducted in the vicinity of the former tank to verify if it caused any impacts to soil. Analytical results from field and laboratory analytical methods, reported in the 1995 *Report of Soil Investigation AOC 38 & 35*, indicated that no compounds exceeded applicable soil cleanup criteria and that No Further Action was recommended. NJDEP concurred with this recommendation in their April 11, 2000 letter.

3.2.1.24 AOC-38 (Buried No. 2 and No. 6 Fuel Oil Pipelines [Abandoned])

As reported in the July 1995 *Status of the Remedial Investigation/Remedial Action on the Buried and Abandoned No.2 and No.6 Fuel Oil Lines*, a leaking discharge line from recovery well RW-4 was discovered in 1994. The discharge contained small amounts of recovered LNAPL. NJDEP was notified and remedial actions to address this discharge were commenced. During excavation additional No.6 fuel oil impact was identified from a nearby No.6 fuel oil pipeline that extended from the

bulk AST-farm. Post excavation soil samples from the RW-4 discharge line excavation indicated no additional TPHC impact. However, additional investigation was conducted at the former No.2 and No.6 fuel oil pipelines that extended from the bulk AST farm. As documented in the 1995 report, impacted soil was removed from the No.6 oil pipeline excavations. Soil samples conducted along the in-place No.2 fuel oil pipeline reported TPHC at concentrations below applicable soil cleanup criteria.

Additional field and laboratory analysis, reported in the 1995 *Report of Soil Investigation AOC-38 & 35*, indicated no TPHC or VOCs in excess of applicable soil cleanup criteria. Based on this analysis, No Further Action was recommended. NJDEP concurred with this assessment in their April 11, 2000 letter.

3.2.1.25 AOC-39 (Former Scrap Pad)

In the summer of 1997 during the installation of a trench for a gas pipeline immediately south of Building #24, an area of petroleum-like staining and odor was discovered. Samples collected by IDP and reported to NJDEP in their October 27, 1997 letter indicated impacts in excess applicable soil cleanup criteria for TPHC and select PAH compounds. A review of historic facility plans indicated the source area was determined to be a former scrap pad location.

Based on the results of investigations at other scrap pads, additional investigation and delineation was warranted. Additional soil sampling was conducted in the vicinity of the former scrap pad during the 2003-2004 soil investigation. Soil analytical results, which were presented in the 2004 *Soil Remedial Investigation Report*, indicate that the AOC has been delineated to nearby structures and/or AOCs and will be addressed with a deed notice. NJDEP concurred with the recommendations of the 2004 *Soil RIR* in their December 30, 2004 letter.

3.2.1.26 AOC-40 (Concrete Structure South of Former Building #17)

This AOC was identified by IDP during the facility's investigation of an apparent sinkhole that developed near Building #16. The structure, identified in IDP's October 1999 letter to NJDEP, was approximately 3.25 by 4.75 by 4.6-feet. A sample of the sediment contained within the structure indicated the presence of TPHC, PCBs, and metals in excess of applicable criteria. The sediment was removed and disposed of by IDP in 2000 and two additional soil borings were conducted outside the structure. Soil samples collected from these borings did not report any compounds in excess of soil cleanup criteria. No additional action is warranted for this structure.

3.2.1.27 AOC-41 (Spill at Separator Building)

The Oil-Water Separator (OWS) Building #104 (AOC-41) which houses three oil-water separation tanks is located on the eastern portion of the site and north of the Spray Pond. These tanks were formerly used to store fuel oil and were converted to oil-water separator tanks in the mid to late 1980s.

The oil-water separator is utilized as a precautionary measure in the event that the groundwater depression pumps at the recovery wells intake LNAPL. As documented in an IDP memo dated February 2, 2000 between 1999 and 2000, the oil-water separation tanks housed in Building #104 experienced an overflow when water inside the tanks froze and expanded which resulted in the release of petroleum to the secondary containment liner over the soil at the base of the building. Post-cleanup sampling indicated evidence of a previous petroleum release at this location. Additional investigation was warranted for this area. Soil sampling was conducted in the vicinity of the separator building during the 2003-2004 soil investigation. Soil analytical results, which were presented in the 2004 *Soil Remedial Investigation Report* indicate that TPHC impacts at these locations have been delineated and that remaining impacts will be addressed with a deed notice and engineering controls as necessary. NJDEP responded in their December 30, 2004 letter requesting additional information to assess the potential for source material to be present beneath the building.

3.2.1.28 AOC-45 (Building #16 Sump and "Well")

In response to the leasing of Building #16 to a structural steel fabrication company, ENSR conducted a regulatory applicability review in 2003 to determine potential impact of the company's operations on any of IR's permits or on the environmental condition of the property. During a site walk and inspection of Building #16, ENSR observed the presence of an 18-inch diameter unlined sump with concrete cover and a drain or well structure that consisted of a 4-inch diameter pipe extending into the ground. Based on the presence of these structures, the historic industrial activities performed in this building, and the expected activities by the lessee, an investigation was warranted.

Soil sampling activities were conducted at this AOC during 2003 and 2004 soil investigation and were reported in the 2004 *Soil Remedial Investigation Report*. Based on soil analytical results, which indicated impacts of PCE and arsenic, a monitoring well was installed near this location to verify groundwater quality and soil impacts were delineated by nearby sample locations. Groundwater analytical results did not indicate impact in excess of applicable groundwater quality criteria. Soil impacts are intended to be addressed by a deed notice and the groundwater monitoring well will be assessed for usefulness in the site-wide groundwater investigation activities. NJDEP accepted these recommendations in their December 30, 2004 letter.

3.2.2 *Site History Report* Findings

As documented in the October 2004 *SHR*, site history was documented utilizing approximately 5,000 maps and historical drawings related to the site as well as available reports and correspondence relating to environmental issues, historical aerial photos, an EDR® environmental database report, Sanborn® Fire Insurance and Factory Insurance Association (FIA) maps, interviews with facility personnel, and review of previously conducted environmental activities.

Based on the historic document review and site reconnaissance approximately 400 individual potential AOCs were identified within the Main Facility Area. These AOCs are summarized in Table 1 and shown on Figure 2. These AOCs consist of the previously identified AOCs listed above as well as the following AOC groups.

- Former Coal Storage Areas (AOC-46) (6 locations);
- Former Locations of X-Ray Equipment (AOC-47) (2 locations);
- Former Mine (AOC-48) (1 location)[2];
- Former and Current Transformer Locations (AOC-49) (88 locations);
- Former Drywells, Cesspools, and Leachfields (AOC-50) (10 locations);
- Former Onsite Ponds (AOC 51) (1 location previously identified as AOC-30, Spray Pond);
- Building Sumps, Pits, and Floor Drains (AOC-52) (7 locations)[3];
- Site Subsurface Utilities (AOC-53) (identified in Main Facility Area);
- Former ASTs and underground storage tanks (USTs) and fuel filling areas not previously identified (AOC-54) (116 locations);
- Railways (AOC-55) (identified in Main Facility Area);
- Former Plating Operations (AOC-56) (5 locations);
- Former Boilers, Ovens, Furnaces, and Incinerators (AOC-57) (41 locations);
- Fill areas (other than landfills) (AOC-58) (present across southern portions of the Main Facility Area);
- Roof/Process Vents and Roof Drains (AOC-59) (19 locations)[4]; and
- Former Outdoor Scrap Pads, Storage Areas, and Process Areas not previously identified (AOC-60) (96 locations).

Based on the number of individual potential AOCs identified, the extent of sampling previously conducted to assess the previously identified AOCs, and the continuing identification of overlapping AOC boundary impacts attributed to individual AOCs, a site-wide approach including grid-based soil sampling in some areas was proposed to address potential impacts across the Main Facility Area as well as across the former IR property. NJDEP approved this approach in its December 30, 2004 letter. In some instances where proposed grid-based soil sample locations occurred within close proximity of

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[2] The former mine is located at the western border of the Main Facility Area, with access shafts located in the adjacent Foundry Area. More detailed discussion of the environmental investigation and investigative findings for the former mine is presented in the 2005 *SI/RI/RAW of the Foundry Area*.

[3] Although there are seven documented locations, building sumps, pits, and/or floor drains are assumed to have been present in all facility buildings.

[4] Although there are nineteen documented locations, it is assumed that every manufacturing building had process vents and roof drains that may have had the potential to impact the local environment.

a potential AOC, the soil sample location was biased in the field towards the potential AOC location to more closely assess potential impacts related to specific AOCs. Soil samples that were re-located from the proposed grid-based location to a nearby potential AOC are described in detail in Section 4.8 and in Table 3. Soil borings were conducted at many additional locations throughout the Main Facility Area to assess former cesspools and drywells, delineate previously identified impacts, and investigate potential areas where LNAPL or chlorinated VOC impacts may have contributed to groundwater impact.

3.3 Site Conceptual Model

This conceptual site model was developed using EPA guidance (EPA, 1996) in order to illustrate the connection between contaminant sources, site characteristics, the fate and transport of contaminants, and the appropriateness of final remedial selection.

3.3.1 Facility Operations

As previously discussed, operations at the former IR facility included the manufacture of a variety of drills, compressors, and pumps; assembly of railroad locomotives; various metal working and finishing operations; boiler operations, and general facility maintenance. Facility documentation indicates that manufacturing operations remained largely the same throughout operational history. As part of the drill, compressor, and pump manufacturing process, the Main Facility Area would have received metal castings from IR's foundry operation to the west. Casts would require finishing via cutting and grinding operations, sand and shot blasting, heat treating, pickling, welding, coating, or painting. The completed drills, pumps, and compressors were tested on site once completed. A few buildings contained large concrete-lined pits to test the pumps and compressor tanks. Manufacturing processes were described in more detail in the 2004 *SHR*.

Drills were tested on large boulders and blocks as well as in the experimental mine which was also located on the site. A site investigation of the former mine is presented within ENSR's 2005 *Site Investigation Report, Remedial Investigation Report, and Remedial Action Workplan for the Foundry Area of the Former Ingersoll-Rand Co. Facility – Phillipsburg, New Jersey.*

3.3.2 Previous Investigative Results

Environmental investigations conducted at the Main Facility Area have identified VOCs, specifically tetrachloroethylene (PCE) and trichloroethylene (TCE); semi-volatile organic compounds [SVOCs; or Base Neutral and Acid Organic Extractable Compounds (BNAs), specifically, Polycyclic Aromatic Hydrocarbons (PAHs)]; Total Petroleum Hydrocarbons (TPHC); Polychlorinated Biphenyls (PCBs); and select metals (specifically arsenic, beryllium, copper, lead, nickel, thallium, and zinc). Dissolved phase chlorinated solvents have been detected in the groundwater below the site as well as LNAPL.

TPHC impacts have been identified both west and east of Building #12 (powerhouse), and Building #104 (Oil Water Separator Building) and at a few soil sampling locations south of Buildings #9, #10, and #11 (Shops). As described in Section 5.1.1 of this report these impacts have been delineated.

Only eight sample locations reported concentrations for tetrachloroethene (PCE) and trichloroethylene (TCE) greater than the MSSCC. Five were located in AOC-10 (Heat Treat Building #14), two in AOC-19 (Air Trappage Tank at Building #12), and one in Building #16. All locations have been delineated vertically and horizontally. The highest reported concentrations were reported in AOC-10 (1.2 to 75 mg/kg), while concentrations in the remaining areas ranged from 1.3 to 7.6 mg/kg. As described in Section 5.1.2 of this report, impacts have been delineated.

PAH compound impacts have been identified at varying locations throughout the Main Facility Area and appear to be associated with areas in which foundry sand had been used for fill. As described in Section 5.1.3 of this report, impacts have been delineated across or within the boundaries of the Main Facility Area.

PCB impacts have been found in association with the former chip pads (AOCs 3C, 3D, and 3E), former locations of electrical equipment (AOC-1), and in sediment samples at a concrete structure (AOC-40) and the spray pond (AOC-30). As described in Section 5.1.4 of this report, impacts have been delineated.

Arsenic, beryllium, copper, lead, nickel, thallium, and zinc impacts have been found at varying locations throughout the Main Facility Area. A background investigation is ongoing to determine whether arsenic may be present in background soil conditions at concentrations at or near the MSSCC. However, at this time, all arsenic impacts are proposed to be addressed in relation to the current soil cleanup criteria with the institution of a deed notice and engineering controls where necessary and appropriate. Arsenic impacts in excess of the current MSSCC are addressed in Section 6.0.

Beryllium results for the site are being compared to an alternative remedial criterion (ARC) of 16 mg/kg, as described in Section 5.1.5. As such, there are no beryllium results exceeding the ARC.

Thallium results are from historical soil samples whose analytical results were subject to matrix spike interference when analyzed using inductively coupled plasma (ICP) spectroscopy. As described in Section 5.1.5, re-sampling of select soil sample locations for thallium and subsequent re-analysis using another analytical method (atomic absorption (AA) spectroscopy) has demonstrated that historical analytical results for thallium were artificially elevated due to matrix spike interferences. ENSR presented these findings in their May 2001 *AOC-3A, 3B, 26, 29, 31, and 37 Site/Remedial Investigation Report*. As such, the historical thallium results are interpreted to be erroneously high, and therefore, thallium is not interpreted to be present at the Main Facility Area above the MSSCC.

As described in Section 5.1.5 of this report, impacts for copper, lead, nickel, and zinc have been delineated across or within the boundaries of the Main Facility Area.

3.3.3 Possible Release Scenarios

3.3.3.1 Total Petroleum Hydrocarbons

The following information, compiled from historical facility documents, presents a summary of the larger documented TPHC releases that may have contributed to soil and groundwater impact in the Main Facility Area. Detailed descriptions of spills are presented in Table 10 and locations of spills are presented in Figure 9.

- According to a letter summarizing the spill history of No. 2 fuel oil by the IR Manager of Facilities in 1975, one of the earliest and largest documented spills occurred in the 1940's just east of Building #13. Historically, pumps located in Building #13 drew No. 2 fuel oil from bulk storage tank #79. Over a holiday weekend, a product pipe ruptured causing oil to be released from that location. The discharge unknowingly continued for several days. An IR employee indicated that an estimated 200,000 to 250,000 gallons of oil were released. This document also reported that a railroad maintenance pit at Building #29 had accumulated approximately 4 feet of oil that may have percolated into the ground.

- According to a report titled *Status of Remedial Investigation/Remedial Action on the Buried and Abandoned No. 2 and No. 6 Fuel Oil Lines* prepared for Ingersoll-Rand by Tellus Consultants (Minneapolis, Minnesota) dated July 10, 1995, soils impacted by No. 6 fuel oil were encountered on August 25, 1994 in association with out-of-service No. 6 fuel oil lines which formerly conveyed fuel from the facility bulk AST farm to the powerhouse (Building #12). The fuel oil lines were removed at this time. However the quantity of No.6 fuel oil released during the service life of the No. 6 fuel oil lines is not known.

- A break in the pipeline connecting bulk storage tank #79 to the day tanks on the east side of the foundry was also reported in the 1940s. The exact location of the break is unknown. According to the IR Manager of Facilities in 1975, this pipeline break reportedly released approximately 20,000 gallons of No. 2 fuel oil on the east side of the foundry (Building #4).

- As discussed in the 2004 *SHR*, a possible release of pickling and parkerizing solutions occurred west of Building #91, which operated as a pickling and parkerizing shed from the 1930's through the 1990's. The building was also used for storage but it is unclear from the historical review as to when the transition occurred. In 1997, the building was demolished and placed in the landfill. Facility documents dated 1983 and 1986 indicate that the building was not connected to the sanitary sewer line and all of the building's piping drained to a cistern (i.e., septic tank) (as it was referred to in the 1986 letter). The cistern was reportedly excavated

directly in the bedrock. As such, any discharge from Building #91, likely including floor drains, process discharge, restrooms, etc., may have entered the cistern and drained directly into bedrock.

- According to a 1975 internal memo, a 50,000 to 60,000 gallon No. 2 fuel oil leak was reported in a pipeline outside Building #8A in the 1960's.

- Beginning in 1996 and continuing through 2004, ENSR investigated the area of the two underground Quench Oil Tanks (AOC-12). During excavation, holes were noted in both of these tanks indicating a possible leak in the system as described in ENSR's report dated October 1996 *UST Closure and Site investigation Report*. In the February 2000 *Remedial Investigation Report for AOCs 10, 11, and 12* and in the October 2004 *Soil Remedial Investigation Report*, oil-saturated soil was reportedly found at the bedrock surface.

Further review of the historical records reveal many minor spills occurred at the site. The contents of these spills identified in the file review were diverse and included No. 2 and No. 6 fuel oil, gasoline, waste oil, lubricating oil, and "LinoCure" (used in mold production).

3.3.3.2 Volatile Organic Compounds

Historical facility documents do not reveal any substantive information concerning the handling or disposal practices of chlorinated solvents and other volatile organic compounds at the Main Facility Area. However, their use can be inferred based upon standard industry operating practices as well as the presence of chlorinated VOCs identified in facility soil and groundwater. Soil PCE and TCE impacts have been found in the vicinity of former Building #14, Building #16, and east of Building #12.

Although widespread chlorinated VOCs have not been identified in soil within the Main Facility Area (only eight soil sample locations were identified that had VOC impacts), groundwater concentrations of chlorinated VOCs have been reported at concentrations in excess of the groundwater quality criteria. Based on manufacturing operations at the site, it is likely that these compounds were used for parts cleaning and degreasing; release mechanisms may have included incidental spills and similar discharges which have likely been transported to the groundwater but have attenuated in the soil since original deposition.

3.3.3.3 Base Neutral Compounds

The origins of the BNA/PAH compounds found in the soil at the Main Facility Area may be a result of a combination of three historical operations: railroad operations, historical power and steam generation at the facility's former power houses (located in the Cameron Area and the Main Facility Area), and historical filling operations utilizing spent foundry sand and other materials from the IR foundry operations. All three of these sources of PAH impacts were confined to the ground surface either

deposited directly with the spent sands or as particulate matter settling from train or boiler exhaust stacks. However, since the facility was expanded and re-organized over its operational history, some of these materials may have been buried or redistributed below current ground surface as a result of earth moving activities. Additional sources of PAHs may be the release and subsequent deposition of soot and ash from current and historic burning of coal and wood for heating of nearby businesses and residences.

3.3.3.4 Polychlorinated Biphenyls

The origins of the PCB impacts found onsite are likely attributable to releases of PCB-containing fluids from electrical equipment used throughout the facility's operational history. As with the PAH compounds, these releases were likely moved to depth as a result of earth moving activities during construction projects at the former facility.

3.3.3.5 Metals

Arsenic impacts occur in many places at the Main Facility Area. Although some arsenic appears to be related to historic operations, the depth and locations of much of the identified impacts suggest a naturally occurring or background condition. A background investigation is ongoing to determine whether a background arsenic condition exists. Other potential sources of arsenic onsite may have been from particulate matter that resulted from the burning of coal, incineration of wastes, use as a preservative for railroad ties, or use of pesticides, although arsenic is not known to have been associated directly with any of these sources onsite.

Beryllium is known to occur in the vicinity of the site at concentrations above the MSSCC of 2 mg/kg and is believed to be related to naturally occurring sources. As detailed in Section 5.1.5, beryllium is therefore being compared to an NJDEP-approved Alternate Remediation Criterion (ARC) of 16 mg/kg. No soil samples collected at the site have reported concentrations exceeding this ARC.

Other metal impacts occur sporadically across the site and are most likely attributable to the metals utilized in the manufacturing process. Metal plating activities that were conducted in the Main Facility Area had the potential to contribute metals impacts to the environment. Metals impacts may also have been present in spent foundry sand at the time of filling activities for the Main Facility Area.

3.3.4 Site Soil Characteristics

Soils at the Main Facility Area generally consist of two layers: a silty clay layer resulting from the weathering of the native rock layers and a sandy fill layer overlying the native soils. Although the fill layer probably permits limited vertical migration of soluble contaminants, it is present in thicknesses of twelve feet or less and is underlain by clayey soils that likely inhibit the further vertical migration of percolating water and any soluble contaminants that it may carry. Additionally, much of the

land surface in the vicinity of the facility buildings is surfaced with concrete and/or asphalt preventing rainwater from percolating through overburden soils and further limiting the potential for vertical contaminant migration.

3.3.5 Fate and Transport

TPHC impacts in areas of known releases appear to have largely attenuated in soil. Larger historic spills which occurred in areas of the site with relatively shallow bedrock likely seeped into the bedrock years ago and have contributed to the current LNAPL impact present on the groundwater surface. Remaining TPHC impacts do not appear to be contributing to groundwater impact and will likely slowly degrade due to microbial activity.

Chlorinated compound impacts appear to have attenuated or have infiltrated into the bedrock aquifer leaving little or no trace of these compounds in overburden soils. Residual soil impacts of chlorinated VOCs do not appear to be a continuing source of impact to groundwater and will likely degrade over time due to microbial activity.

Metals, PCBs, and PAHs appear to be confined within the soil matrix and are not being mobilized as evident by the lack of detections in groundwater. It is likely that metals, PCBs, and PAHs are sorbed on the soil particles and are generally not available for desorption. As such, these impacts are not likely to migrate. PAHs and PCB may slowly degrade over time due to microbial activity. Metals are less likely to degrade or be transformed (or otherwise be removed from soil) by biological activity and will tend to remain at similar concentrations over time.

3.3.6 Rationale for Proposed Remedial Actions

The Main Facility Area has been an active manufacturing facility for over one-hundred years and is still currently utilized for steel fabricating, pump research and development, pump assembly, and office space. The manufacturing and support activities conducted throughout the Main Facility Area over the last century include manufacturing, metals grinding and cutting, metals plating, heat treating, pickling, and degreasing. Over the last century of activity, the facility grew, new manufacturing buildings were constructed, its operations were re-organized several times, and obsolete and/or vacant buildings were razed after their useful life had passed. Due to the changing manufacturing operations across the Main Facility Area over the last one-hundred years, potential sources of environmental impacts were also likely changed and moved across the site. Extensive soil analytical data for the Main Facility Area demonstrates that environmental impacts (specifically metals and PAHs) appear dispersed and are not limited to single point sources, but appear to be consistent with multiple overlapping sources found throughout the Main Facility Area. Planned remedial activities consisting of a deed notice and engineering controls (cap and fence) are also consistent with this disperse impact to limit direct contact to impacted soil. These activities and the remedial activities listed below are detailed in the RAW presented in Section 6.0.

As indicated in this report, historic TPHC source areas including the Quench Oil Tanks near former Building #14 and historic releases near Buildings #12, #13, and #104 have largely attenuated in soil. The few remaining TPHC impacts which do not represent potential continuing source to groundwater impacts are planned to be capped to prevent direct contact. In one location, where TPHC concentrations exceed 200,000 mg/kg (i.e., the Drywell south of Building #17B), the sediments will be excavated and any residual impacts will be addressed with a deed notice and engineering controls as necessary to prevent direct contact with potentially impacted soil.

PCB impacts identified at the site appear to be related to localized releases in the northeastern portion of the Main Facility Area as well as at the current transformer yard, the former transformer yard (AOC 1), and at the southernmost portions of the Main Facility Area. Proposed remedial actions for these impacts include a deed restriction with engineering controls as well as limited removal activities for PCBs where concentrations exceed 10 mg/kg in soil (specifically at the Drywell south of Building #17B, and the Cesspools east of Building #17B). These proposed remedial actions are consistent with NJDEP and Toxic Substance Control Act regulations and will prevent direct contact with potentially impacted soil.

As previously indicated, chlorinated VOCs impacts in excess of impact to groundwater soil cleanup criteria do not appear to be a continuing source of impact to groundwater. To address residual soil impacts of chlorinated VOCs that remain in excess of direct contact soil cleanup criteria in the Courtyard area, limited hot-spot excavation will be performed and a deed notice and engineering controls will be implemented as necessary to limit the potential for direct contact of impacted soil.

Overall, the proposed remedial actions are consistent with the planned future commercial and industrial use of the site and will prevent and/or limit direct contact with potentially impacted soil within the Main Facility Area. The details of and rationale for the remedial actions proposed in the Main Facility Area are discussed in greater detail in the RAW in Section 6.0 of this report.

4.0 TECHNICAL OVERVIEW

This soil investigation was conducted in accordance with the March 14, 1994 Administrative Consent Order (ACO) and subsequent amendments between IR and the NJDEP, which is currently being administered by the Office of Brownfield Reuse; the Technical Requirements for Site Remediation (N.J.A.C.7:26E) as amended on February 3, 2003; the May 1992 *NJDEP Field Sampling Procedures Manual*; and the October 2004 *SHR*.

Based on the *SHR*, as well as discussions with IR and NJDEP, additional soil sampling was conducted in the Main Facility Area to address potential AOCs identified in the *SHR* as well as potential source areas for chlorinated volatile organic compounds (CVOCs), which have been identified in groundwater. The investigative strategy for the Main Facility Area included site investigation using a combination of individual targeted sampling locations and a grid-based approach that was modified to bias individual soil boring locations to areas of potential impact based on locations of newly identified potential AOCs and to extend a minimum of 10% of the grid-based soil borings to the bedrock surface to address NJDEP concerns related to the investigation for potential source areas of groundwater impact (see NJDEP letter dated December 30, 2004). These soil investigative activities were conducted utilizing an analytical database combined with visualization in a geographic information system (GIS) to track and to delineate impacts to the boundaries of the Main Facility Area.

The goal of the site and remedial investigative program was to rapidly complete investigation activities, obtain concurrence from NJDEP that no further investigation is required on the property and to gain approval of the proposed remedial action (see Section 6.0).

The remainder of this section presents a summary of the reliability of data collected, data collection and reduction methods used, and the nature of the contamination found in the Main Facility Area.

4.1 Reliability of Analytical Data

All samples were collected using the methods described in NJDEP's 1992 *Field Sampling Procedures Manual* with the exception of soil samples collected for VOC analysis, which were collected using NJDEP accepted En-Core® sampling methodology. All soil samples were placed in laboratory-supplied sample containers, labeled, and placed in an ice-filled cooler to reduce the sample temperature to approximately 4-degrees Celsius. Cooler temperature was measured upon delivery to the laboratory. Laboratory analytical data reports (see Appendix D) indicate that sample temperatures were all 4° (+/- 2°) Celsius with the exception of samples collected on May 31, 2005 (Lab Job #s Z351 and Z352) which had reported that these samples were received at the subcontracted laboratory outside of temperature control limits.

No extraneous environmental variables which may have influenced analytical data results, such as excessive temperature or rain, were observed during the sampling events. To minimize the potential for cross-contamination, reusable sampling equipment, such as stainless steel hand augers and split spoons, were properly decontaminated using an Alconox wash followed by a deionized water rinse. Additionally, disposable sampling equipment was used when appropriate.

Quality assurance and quality control (QA/QC) samples were also collected to assess potential cross contamination from sample equipment (field blanks). Field blanks were collected by pouring deionized water over decontaminated or clean, disposable sampling equipment into laboratory-supplied sample containers. These samples were collected at a frequency of one field blank per twenty soil samples or one per day, as appropriate. Additionally, duplicate soil samples were collected at a rate of approximately one duplicate sample per twenty soil samples to verify laboratory quality control. Duplicate and blank sample results are discussed in Section 4.2.

Based on a review of the laboratory non-conformance summaries and QA/QC data, several issues with laboratory data have been identified. As shown on Table 2, laboratory non-conformances were identified for some samples. In general, non-conformance was reported due to matrix spike and matrix spike duplicate (MS/MSD) sample results reported outside of laboratory or method quality control limits or spike recoveries that were not within control limits. Based on an in depth review of these data, it was determined that qualified results were reliable in relation to the project goals and that the results would be used “as-is”.

4.2 QA/QC Sample Analytical Results

QA/QC sample analytical results (summarized in Table 9) indicate some potential field derived and laboratory derived cross contamination. QA/QC data also indicate that various metals were reported outside of control limits or laboratory duplicate samples were not reported within control limits for several field blanks and some soil samples.

Based on a review of QA/QC sample analytical results and QA/QC information contained in the laboratory data reports (Appendix D), the sample results generated from soil samples collected during this investigation generally meet project specific data quality objectives and are acceptable for use and comparison.

4.3 QA/QC of Potential AOC Locations

In conjunction with the preparation of internal soil sampling plans, ENSR reviewed the potential AOC locations presented in the 2004 *SHR* and, where necessary, updated locations and descriptions based on additional information or data review of area-wide historical information. Some AOC locations have been revised to more accurately depict their locations which may be slightly different than those previously presented.

4.4 Nature of Contamination

The Main Facility Area was the central location for the manufacture of a variety of drills, compressors, and pumps, particularly those that circulated condenser and brine water for high-pressure compressors. As part of the drill, compressor, and pump manufacturing process, buildings within the Main Facility Area received casts from IR's foundry operation, located in the Foundry Area to the west of the Main Facility Area. These casts would require finishing activities such as grinding, sand and shot blasting, heat treating, pickling, welding, degreasing, tapping and dyeing, polishing, metal plating, or painting, then would be used as assembly parts for the drills, compressors, and pumps. Completed drills, pumps, and compressors were also tested on site. Testing for pumps and compressor tanks was often conducted in large concrete-lined pits. Drills were often tested on large boulders or in the experimental mine at the western edge of the Main Facility Area. Finally, the finished and tested product was packaged in wood crates or other shipping containers and loaded onto rail cars or trucks for shipment.

The variety of activities conducted at the Main Facility Area generated numerous wastes including metal grindings and shavings, cutting oils, spent solvents and degreasers, metal plating solutions, paint wastes, waste oils, and waste solutions from annealing and heat treating activities.

Fill, consisting mainly of spent foundry sand and other materials (i.e. brick, concrete), is present over much of the southern portion of the Main Facility Area. Fill was used throughout the former IR facility to level or fill ground for construction projects and has been identified at thicknesses up to 15 feet in the Main Facility Area. Analytical data from soil samples collected in the fill material indicate that the spent foundry sand may contain PAH compounds and select metals at concentrations greater than applicable soil cleanup criteria. Environmental investigations across the site have identified TPHC, BNAs (specifically PAHs), PCBs, and select priority pollutant metals (specifically, arsenic, beryllium, cadmium, copper, lead, nickel, silver, thallium, and zinc) in the soil in the Main Facility Area.

TPHC impacts are likely associated with historic releases from former tank locations (AOCs 7, 9, 12, 19, 35, and 41), former fuel oil lines (AOC-38), and from historic onsite spills.

PAHs may be related to railroad operations, historical operations of the furnaces, including the historical use of coal as fuel, historical power and steam generation at the facility powerhouse, and historical filling operations utilizing spent foundry sand and other materials. Additional sources of PAHs may be the release and subsequent deposition of soot and ash from current and historic burning of coal and wood for heating of nearby businesses and residences.

PCB impacts identified in the Main Facility Area appear to be related to localized release(s) of PCB-containing oil from electrical equipment.

Metals impacts may be related to historic spills of metals-containing fluids (i.e., plating solutions), to metal cuttings and grindings associated with the manufacturing process, or to historical filling operations utilizing spent foundry sand and other materials.

4.5 Cleanup Criteria

All soil analytical results were compared to the current NJDEP Residential Direct Contact Soil Cleanup Criteria (RDCSCC), the Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC), and the Impact to Groundwater Soil Cleanup Criteria (IGWSCC). Results that exceeded the most stringent of these criteria (Most Stringent Soil Cleanup Criteria – MSSCC) were flagged for further evaluation.

NJDEP accepted an alternate remediation criterion (ARC) for beryllium in their January 25, 2005 letter. This ARC allows for the use of 16 mg/kg as the maximum allowable concentration of beryllium in soil rather than the 2 mg/kg presented in the RDCSCC.

4.6 Investigative Strategy

Site and remedial investigations of soil in the Main Facility Area of the former IR facility were conducted to meet redevelopment requirements using a combination of strategies including the following:

- Utilization of a soil analytical database and GIS technologies;
- Rapid laboratory analysis of soil samples; and
- Rapid evaluation of site investigative soil analytical data to aid in the achievement of delineation in a timely manner.

The following sections describe the scope of work in more detail.

4.6.1 Soil Database and Geographic Information System

ENSR utilized an integrated soil database system as a tool to catalog and visualize soil sample attributes (such as location, depth, etc.), soil analytical results, and soil/geologic data as necessary to achieve project goals. The purpose of creating this database was to facilitate the simultaneous review of all soil data for the purposes of determining potential soil delineation sample locations as well as determining the location at which delineation has been completed.

During this investigation ENSR maintained, updated and utilized an existing site soil database utilizing EQuIS Chemistry, a MS®-Access-based environmental database platform, which contained soil analytical data for all previous soil analytical results in the Main Facility Area. Procedures to maintain and update the database during the 2005 SI and RI of the Main Facility Area included periodic Global Positioning System (GPS) surveys of soil sample locations. GPS surveys were conducted as per the

NJDEP *GPS Data Collection Standards for GIS Development* (NJDEP, 2002a) and *Mapping and Digital Data Standards* (NJDEP, 2002c).

The GIS was utilized to visualize locations of former soil samples, previously identified and newly identified AOCs, as well as proposed and final soil boring locations. The GIS was also utilized to ascertain whether impacts had been delineated and determine proposed locations for delineation soil borings, where necessary.

Analytical results were provided by the laboratory in NJDEP Hazsite format and were directly imported into the database. Upon complete import of the sample attribute and analytical data into the EQuIS database, a full QA review was initiated for all samples collected as part of the SI and RI activities, comparing the database with the final laboratory data reports (Appendix D).

4.6.2 Soil Sampling Methodology

As part of the site and remedial investigation activities, soil borings were conducted at specific locations throughout the site to investigate site conditions or to delineate previous soil boring locations where soil analytical results indicated compounds in excess of the MSSCC. Soil borings were advanced by an air rotary drill rig and samples were collected using hammer-driven split spoons and by Geoprobe direct push sampling rig. These drilling services were provided by Plainfield Well Drilling of Martinsville, NJ; S&S Drilling Services of Egg Harbor, NJ; and Gold Star Environmental Services of Phillipsburg, NJ. In locations inaccessible to drilling equipment, shallow borings were advanced by ENSR field personnel using a hand auger and by hand driven macrocores. Hand auger soil samples were collected with a freshly decontaminated hand auger; no samples for Priority Pollutants Volatile Organic plus a library search (PP VO+15) analysis were directly collected from the hand auger.

During the advancement of the soil borings, continuous split-spoon samples and macro cores were collected, where possible, to provide lithologic characterization of all subsurface work that was performed. All drilling activities were conducted under the supervision of ENSR field personnel. Upon collection, soils were field screened using a photo-ionization detector (PID) and logged for soil description and field indications of potential impact. All soil descriptions, sensory observations, and PID readings were recorded on a boring log form or field notebook by ENSR field personnel.

Soil samples were collected from the specific six-inch depth intervals selected for sampling based on field evidence of impact or AOC-specific depths of potential impact (surface, tank invert, etc.) and placed in laboratory-supplied glassware. Samples to be analyzed for VOCs were collected using EnCore® sampling methodologies. Samples to be analyzed for all other parameters were collected using disposable polyethylene trowels and placed into laboratory-supplied glassware. Duplicate samples were collected at a frequency of at least one for every 20 samples. As previously indicated, field blanks were collected daily for each analytical parameter requested. Following collection, all samples were packaged and stored on ice for transfer to the laboratory for analysis. Samples were

delivered to and analyzed by Severn Trent Laboratories in Edison, New Jersey (STL-Edison) (NJ certification No. 12028).

4.7 Soil Sampling Scope of Work

Prior to mobilization into the field, ENSR used ESRI's ArcGIS® to identify various information specific to the Main Facility Area such as the locations of known and potential AOCs, former building locations, subdivided lot lines, the 20 proposed grid sample locations surrounding Building #20 (Bentley Building) and the western portion of the 24 proposed grid locations over the area of the former Building #23 (which is largely beyond the boundary of the Main Facility Area) based on the October 2004 *SHR*. Utilizing the information available, proposed grid-based soil sample locations were re-located from grid nodes to the locations of nearby potential AOCs where appropriate, to account for subsurface utility lines, and accessibility of the drilling equipment.

To determine the appropriateness of re-locating grid-based soil sample locations, the following steps were taken:

- Assess whether a proposed grid-located soil sample location was located within 50 feet of a known or potential AOC;
- Assess the locational reliability of the newly-identified AOC or AOCs;
- In the event multiple AOCs were located in the vicinity of a grid-located sample, assess which of the AOCs posed the greatest potential for release;
- Assess the presence of subsurface utilities in the proposed soil sample location;
- Assess the ability of the drilling equipment to collect the soil samples; and
- Move the grid-based soil sample location towards the AOC.

Of the twenty proposed grid-based soil sample locations around Building #20, eleven were moved from the established grid nodes in order to address potential impact from features identified in the October 2004 *SHR* and three were moved away from features that would limit accessibility to the proposed grid nodes. Additionally, nine boring locations associated with the proposed grid for former Building #23 were located within the Main Facility Area and are reported within this report. Of these nine locations, six were moved from the established grid nodes in order to address potential impact from features identified in the October 2004 *SHR* and features that would limit accessibility to the proposed grid nodes. Table 3 presents the sampling rationale for the 73 proposed SI soil boring locations along with the AOCs for which the sampling was intended to address.

In addition to the grid-based soil sampling, 44 soil sample locations were conducted to address newly identified AOCs located throughout the Main Facility Area and previously noted in the October 2004 *SHR*.

Based on site observations during soil sampling, additional soil samples were collected from proposed soil boring locations and a total of thirteen additional boring locations were added to the sampling plan. These additional sample locations were included in an effort to delineate identified impacts to the property boundaries and are also presented in Table 3. All soil boring and sampling locations are displayed on Figure 3.

4.8 Soil Sampling Activities

Between January 25, 2005 and June 7, 2005 ENSR conducted site and remedial investigation soil sampling activities at the Main Facility Area of the former IR facility using an aggressive and dynamic sampling plan implemented with the purpose of providing vertical and horizontal delineation of soil impacts to the boundaries of the Main Facility Area. To facilitate this process, ENSR's electronic database of soil sampling activity for the former IR facility was utilized and continuously updated.

As presented in Table 3, a total of ten of the twenty completed site investigative soil boring locations for the Building #20 proposed grid and three of the nine completed site investigative soil borings for the former Building #23 proposed grid within the Main Facility Area were re-located to assess locations identified in the October 2004 *SHR*, including:

- Former Transformer Locations (AOC-49) (boring B21);
- Former ASTs and USTs and fuel filling areas not previously identified (AOC-54) (borings B04, B08, B09, B20, and A17); and
- Former Furnace or Incinerator Areas (AOC-57) (boring A01)
- Former Outdoor Scrap Pads, Storage Areas, and Process Areas not previously identified (AOC-60) (borings B03, B04, B06, B14, B16, B17, B21, and A09).

Three Building #20 proposed grid soil boring locations and three former Building #23 proposed grid soil boring locations within the Main Facility Area were moved based on field observations or accessibility issues, specifically:

- Location B07 was re-located from its proposed grid location to prevent blocking public access to the lobby area of Building #20.
- Locations B10 and B11 were re-located since the original boring was gridded inside the building as well as for accommodation of drill rig accessibility.
- Location A05 was re-located to a new location outside of Building #17B.
- Location A13 was re-located outside of the maintenance garage door.
- Location A20 was moved north of its proposed location to position it as a delineation location for Drywell location D05.

The remaining seven Building #20 grid soil boring locations and three former Building #23 grid soil boring locations within the Main Facility Area were advanced as proposed in the October 2004 *SHR*.

An additional 44 soil boring locations were conducted at newly identified AOCs as noted in the October 2004 *SHR*, towards areas of potential historical impacts, and in select areas to delineate horizontally or vertically previously impacted soils.

Thirty soil boring locations were located to assess potential AOCs, including:

- Former Cesspools/Drywell Locations (AOC-50) (boring X01, X02, D01, D04, D05, D06, D07, D08, and D09);
- Building #29 also known as the Former Locomotive Shed (boring V01, V1A, V02, V03, V04, V05, V06, and V07);
- Main Transformer Yard and Former Transformer locations (AOC-49) (borings R01, R02, R03, R04, U09, and U18);
- Former ASTs and USTs and fuel filling areas not previously identified (AOC-54) (borings U01, U02, U05, U06, U09, U10, and U11); and
- Former Outdoor Scrap Pads, Storage Areas, and Process Areas not previously identified (AOC-60) (borings X03, X04, X05, X06, X07, and U11).

An additional twenty-two soil borings (D10 through D17, R05 through R08, U03, U04, U07, U08, and U12 through U17) were advanced to support delineation of other boring locations.

The site and remedial investigative field program made use of contingency sampling, conducted to minimize the occurrence of remobilization to individual locations as well as to meet the development schedule of Phillipsburg Associates. Concurrent with sampling activities, all sample points were surveyed using GPS equipment for inclusion in the soil database. Sample analysis was performed by STL-Edison on an expedited turnaround time based on contingent sample requirements and analyte hold-times. All sample results were provided in electronic format within two weeks of submittal to the laboratory. Using the soil database and results obtained from STL-Edison, a remedial sampling plan was developed to address the remaining impacts.

Site investigative borings were advanced to a depth of 12 feet below ground surface (bgs) or until refusal, except where field indicators of impact (odors, staining, or PID readings) indicated a need to continue soil boring advancement, or unless the boring site was selected for assessment of bedrock surface soil assessment. Four soil borings (B04, B05, B09, and B16) from the Building #20 modified grid sampling and one boring (A13) from the former Building #23 modified grid locations within the Main Facility Area were selected for advancement to bedrock surface, and were advanced to depths ranging from 7 to 15 feet bgs to assess soil conditions at the bedrock interface. Drywell SI locations D01, D04, and D05 were advanced to refusal or bedrock surface at depths ranging form 15 to 31 feet bgs to assess conditions at the bedrock surface or refusal. Building #29 boring locations (V01, V1A, and V02 through V07) were advanced to bedrock surface or refusal at depths ranging from 18.9 to 31 feet bgs to assess soil conditions at the bedrock interface. Building #91 and Solvent Storage Shed

boring locations X01 through X07 were advanced to refusal or bedrock surface at 87 to 12.5 feet bgs to assess soil conditions at the bedrock surface. Soil samples were collected from the specific six-inch depth intervals selected for sampling based on field evidence of impact or AOC-specific depths of potential impact (surface, tank invert, etc.) and placed in laboratory-supplied glassware. Surficial samples were often not available at depths shallower than two feet bgs due to the presence of surface pavements and near-surface sub-base materials (e.g., concrete pieces). In select soil boring locations, deeper samples were collected based on field observations such as stains, odor or PID readings as contingency samples for possible vertical delineation. Twenty-three soil boring locations experienced refusal either at 12 feet bgs or shallower during the SI phase of the investigation.

Thirty-eight site investigative soil borings encountered refusal or confirmed bedrock during completion. Boring locations were assessed via field observation, PID screening, and/or collection of soil samples for laboratory analysis to determine whether soils contained volatile organic compound concentrations which could impact groundwater at the site. In select soil boring locations, deeper samples were collected based on field observations such as stains, odor or PID readings as contingency samples for possible vertical delineation. All soil samples initially released for analysis were analyzed for Priority Pollutant Volatile Organics plus a library search (PPVO+15), Priority Pollutant Base Neutral and Acid Extractible Organics plus a library search (PPBNA+25), Priority Pollutant Metals (PP Metals), Polychlorinated Biphenyls (PCBs), and Total Petroleum Hydrocarbons (TPHC) by STL-Edison. Where analytical results warranted, contingent samples collected during the SI phase of the investigation were released for those analyses that had reported impacts at the shallower depth in an attempt to achieve a vertical delineation without re-sampling.

After the completion of the SI phase of the investigation, all existing and new soil samples were plotted on maps of the Main Facility Area utilizing GIS, so that delineation needs could be visualized on a site-wide scale. Proposed remedial investigative sampling locations were then identified and located in areas that would serve to, both horizontally and vertically, delineate identified impacts as necessary. In some cases, horizontal delineation samples were extended to locations at or near the boundary of the Main Facility Area to more quickly define the boundary of surface and/or subsurface impacts.

The remedial phase of sampling was conducted from April through June 2005. The purpose of this event was to complete both horizontal and vertical delineation activities for all remaining sample locations where compounds were reported to exceed the MSSCC to the boundaries of the Main Facility Area. Concurrent with sampling activities, sample locations were surveyed using GPS for inclusion in the soil database, and sample analysis was performed by STL-Edison on an expedited turnaround time based on investigation needs including contingent sample requirements and analyte hold-times.

Remedial investigative borings were advanced to depths ranging from 0.5 feet bgs to 48 feet bgs. Soil samples were collected from the specific six-inch depth intervals selected for sampling based on field evidence of impact or targeted depth intervals selected for delineation of previously identified impacts.

Upon collection, soil samples were placed in laboratory-supplied glassware. Surficial samples were often not available at depths shallower than two feet bgs due to the presence of concrete slabs and near-surface sub-base materials. All remedial soil samples were analyzed for TPHC, PPVO+15, PAHs, PP Metals, and/or PCBs by STL-Edison.

A summary of the soil samples collected during the 2005 site and remedial investigation is provided as Table 2 with soil boring location and rationale information presented as Table 3. Soil boring logs are included as Appendix A. Soil sample locations are demonstrated on Figure 3.

Section 5.0 details the results of samples collected during this soil RI. A summary of soil sample analytical results from this SI/RI and from previous work at the Main Facility Area is presented as Tables 4 through 8. Figures 4 through 8 display soil boring locations within the Main Facility Area and associated soil analytical results. Laboratory analytical data reports are included as Appendix D.

5.0 SITE/REMEDIAL INVESTIGATION REPORT

As previously discussed, the goal of this investigation was to expedite completion of soil investigative activities in the Main Facility Area to the lot boundary and to prepare a Remedial Action Workplan and draft deed notice for the affected parcels of land to achieve case closure and begin re-development of the Main Facility Area. Consistent with the investigative and remedial approach at the site, as well as the fact that impacts often appear to be related to area-wide or site-wide historic operations rather than with individual AOCs, the results of this remedial investigation will not be discussed in context of individual AOCs. Instead, this section is organized to present the results of each parameter (TPHC, VOCs, BNAs, PCBs, and Metals). Specific AOCs that have localized impacts will be discussed separately where applicable.

As shown in Table 3 and on Figure 3, ENSR completed a total of 86 soil borings during the 2005 investigative activities with a total of 142 samples collected for laboratory analysis. Boring logs of the soil borings installed in 2005 are included as Appendix A. Soil boring logs completed prior to 2005 have been reported and included in previous submissions to the NJDEP. Laboratory Analytical Data Reports for the 2005 investigative samples are being submitted under separate cover as Appendix D.

In maintaining the goals of this report, Tables 4 through 8 and Figures 4 through 8 present the data collected as part of the 2005 investigative sampling as well as all previously collected data. Samples with compound concentrations in excess of their respective MSSCC are listed in ***bold and italics***. Sample depths for all soil samples are provided in parenthesis and reported in feet below ground surface (ft bgs). Depths indicated with the symbol "†" signify missing data from historical samples.

5.1 Results and Discussion

5.1.1 Total Petroleum Hydrocarbon Results

In 2005, 128 soil samples from 82 soil boring locations (specifically: A01, A05, A09, A10, A13, A17, A20 through A22, B01 through B18, B20, B21, D01, D04 through D17, R01 through R04, X01 through X07, U01 through U18, V1A, V02 through V07, and W01) were analyzed for Total Petroleum Hydrocarbons (TPHC). Analytical results for the 2005 TPHC samples range from not detected, at a Method Detection Limit (MDL) of approximately 25 milligrams per kilograms (mg/kg) to 208,000 mg/kg. The 2005 soil analytical results for TPHC are summarized in Table 4 and soil sample locations are shown on Figure 4.

Within the Main Facility Area, a total of 357 soil samples have previously been collected and analyzed for TPHC, which were reported in previous submissions to NJDEP, specifically in the October 2004 *Soil RI*. Historical soil analytical results are also summarized in Table 4 and sample locations are shown on Figure 4.

Based on all the analytical results, there are seven areas located within the Main Facility Area that were observed to have TPHC impacted soils. Of the seven areas identified, a total of 52 samples had reported TPHC concentrations greater than the MSSCC. These areas include the Drywell/Cesspool structures south and east of Building #17B (AOC-50-5, AOC-50-6, and AOC-50-7), beneath Building #17B (AOC-3E), the Courtyard area associated the former quench oil USTs (AOC-12), the area east of Building #12 (AOC-1/19), the Oil-Water Separator (OWS) Building (AOC-41), the area southwest of Building #24 (AOC-39), and the Spray Pond (AOC-30). Of the seven areas reported to have TPHC concentrations greater than the MSSCC, the latter six of these areas were reported in detail in the October 2004 *Soil RI* and in previous submissions to the NJDEP. The following paragraphs discuss the soil analytical results from samples collected from each of these seven areas.

Drywell/Cesspool Structures South and East of Building #17B

During the 2005 investigative field activities, soil samples were collected in and around a Drywell structure (AOC-50-5) located to the south of Building #17B and directly west of former Building #23/23-A. Soil analytical results for samples ***D0421.0 (21-21.5), D0430.5 (30.5-31), D0516.5 (16.5-17), D0522.5 (22.5-23),*** and ***D1129.0 (29-29.5)*** reported analytical results that were greater than the MSSCC for TPHC. Vertical delineation for samples ***D0421.0 (21-21.5), D0516.5 (16.5-17),*** and ***D0522.5 (22.5-23)*** is achieved at the bedrock surface at 31.0 ft bgs, and vertical delineation for sample ***D1129.0 (29-29.5)*** is achieved at the bedrock surface at 29.5 ft bgs.

Horizontal delineation of the above samples was achieved to the north by samples D1016.5 (16.5-17), D1021.0 (21-21.5), D1022.5 (22.5-23), and D1031.5 (31.5-32); to the south by samples D1216.5 (16.5-17), D1221.0 (21-21.5), D1222.0 (22-22.5), and D1230.5 (30.5-31); to the east by samples D1316.5 (16.5-17), D1321.0 (21-21.5), D1322.5 (22.5-23), and D1329.0 (29-29.5). Delineation was not completed to the west but investigative activities are ongoing and will be reported in a forthcoming submission.

During the 2005 investigative field activities, soil samples were collected from two Cesspool structures (AOC-50-6 and AOC-50-7) located to the east of Building #17B and directly north of former Building #23/23-A. Analytical results for sample ***D0805.5 (5.5-6)*** collected from sediment within AOC-50-6 had reported concentrations of TPHC greater than the MSSCC. Soil sample, D0907.5 (7.5-8), collected outside the affected Cesspool in the assumed down-gradient flow direction reported TPHC results less than the MSSCC.

Beneath Building #17B (AOC-3E)

Soil analytical results from samples ***A3E-3 (1.5-2)*** and ***A3E-5 (2-2.5)*** located towards the northern boundary of the Main Facility Area and east of former Building #17 under the concrete slab foundation of current Building #17B (AOC-3E), had reported analytical results greater than the MSSCC for TPHC.

TPHC impacts at these sample locations have been delineated to the refusal depth which was encountered in these soil borings at 2 and 2.5 ft. bgs, respectively. It is unclear if bedrock was present at this depth or if refusal was encountered on former concrete foundations. Horizontal delineation of the above impacts was completed by samples: A3E-1 (12.5-13), A3E-N1 (4.5-5 and 5-5.5), A3E-D1 (1.5-2 and 2-2.5), A3E-E1 (4.5-5 and 5-5.5), A3E-E1 (4.5-5 and 5-5.5), A3E-N3 (4.5-5 and 5-5.5), A3E-13 (11.5-12), A3E-11 (1.5-2), D1600.0 (0-0.5), D1604.0 (4-4.5), D1700.0 (0-0.5), and D1704.0 (4-4.5).

Courtyard Area (AOC-12)

Soil analytical results from samples collected in the Courtyard between Buildings #7, #8, #12, and #15 (AOC-12) including ***USTB-SS-13B (27.5-28), USTB-SS-1121 (20.5-21), USTB-SS-11A (24.5-25), USTB-SS7B (19.5-20), USTA-SS3A (18-18.5), USTB-SS5A (18.5-19), PES-12-6 (14-14.5), PES-12-5 (14-14.5), USTB-SS5B (24-24.5), USTB-SS-5BD (24-24.5), USTB-SS6A (17.5-18), USTB-SS7A (17.5-18), PES-12-4 (14-14.5), PES-12-3 (14-14.5), PES-12-2 (14-14.5), PES-12-1 (14-14.5), USTB-5P (23.5-24), USTB-5DD (23.5-24), USTB-SS-11A (24.5-25),*** and ***USTB-SS-13B (27.5-28)*** had reported concentrations of TPHC greater than the MSSCC. TPHC impacts in the vicinity of these soil borings were identified to the bedrock surface either by visual observation or through analytical results.

Soil borings conducted to the west of the impacted area indicate that bedrock surface is present at higher elevations and analytical results confirm that TPHC impact extends in this direction. Horizontal delineation of the above mentioned TPHC impacts has been achieved by samples USTB-SS-14B (27.5-28), 10-ND23SS1(6-6.5), USTB-SS9A (14.5-15), USTB-SS10A (16.5-17), USTB-SS10B (18.5-19), USTBSS12-9 (8.5-9), USTA-SS4-7 (6.5-7), SS-12-07 (10.5-11), USTB-SS-1B (18-18.5), and A1-19-N1 (4-4.5 and 7-7.5).

East of Building #12 (AOC-1/19)

In the area east of Building #12 (AOC-1/19), analytical results for samples ***AOC1-2 (0-0.5), AOC1-3 (0-0.5), AOC1-6 (0-0.5), AOC1-12B (0.5-1), S1-HOLE 4 (0-2), HOLE-5 (0-2), B2 (0-4), Site 1/S-2 (2-4), AOC-19-5A (7.0-7.5), AOC-19-1B (4.0-4.5), AOC-19-2A (4.0-4.5), AOC-19-4A (2.0-2.5), Sample 28 (18-†), Sample-1 TP-2 (11-†),*** and ***Sample 1 TP-5 (1-†)*** reported TPHC concentrations greater than the MSSCC.

Vertical delineation of the above impacts was achieved by samples: AOC 1-2B (1.7-2), AOC 1-5 (0-0.5), AOC 1-6A (3.5-4), AOC 1-11B (1.5-2), AOC 1-15B (1.3-1.7), S2-HOLE 4 (2-4), S-1 (†), 1000N (5.5-6), AOC 19-1C (14-14.5), AOC 19-2B (14-14.5), AOC 19-4B (10-10.5), Sample 3 TP-4 (20-†), and Sample 1 TP-4 (10-†). Horizontal delineation of the above impacts has been completed by samples: A1-19-N1 (4-4.5 and 7-7.5), Sample-1 TP-3 (5-†), AOC1-13B (1.3-1.7), SS-9-05 (0-†), SS-9-04 (0-†), AOC1-1 (0-0.5), AOC 1-13 (0-0.5), and Site-6/S1 (0-3).

Oil Water Separator (OWS) Building (AOC-41)

During investigative activities at the OWS Building (AOC-41), the following samples, ***BUILDING 104-1 (0-0.5), Sample-3 (5-†), Sample-4 (5-†), Sample-5 (5-†),*** reported concentrations of TPHC greater than the MSSCC. Horizontal and vertical delineation of the above impacts were achieved by OWS-1 (7-7.5), OWS-3 (7-7.5), OWS-4 (7-7.5), OWS-2 (7-7.5), 6C (10-12 and 18-20), 6W (10-12 and 18-20), 6-C (18-18.5), and 6-W (10-10.5).

Vertical delineation was completed during the 2005 remedial investigation by samples W0109.0 (9-9.5) and W0111.5 (11.5-12), neither of which reported TPHC analytical results greater than the MSSCC.

Southwest of Building #24 (AOC-39)

Southwest of Building #24 (AOC-39), analytical results from soil samples ***AOC-39-1B (6.5-7.0)*** and ***Trench S. of Bldg 24 (3-†)*** exhibited TPHC concentrations greater than the MSSCC. Vertical delineation was achieved by area sample AOC 39-1C (11.5-12). Horizontal delineation of these impacts was achieved by samples AOC 39-3A (2.5-3), AOC 39-5 (2.5-3), AOC 39-2 (2.5-3), AOC 39-4 (2.5-3), and AOC 39-6 (2.5-3).

Spray Pond (AOC-30)

Three of eight sediment samples – ***S5 (0-†)***, ***S6 (0-†)***, and ***S8 (0-†)*** – collected from within the Spray Pond (AOC-30) exhibited TPHC concentrations greater than the MSSCC. This material is contained within the concrete lined Spray Pond structure. Therefore, horizontal and vertical delineation of the aforementioned impacts was not necessary.

Details regarding the proposed remedial action of the above areas impacted with TPHC are discussed in the Remedial Action Workplan (Section 6.0).

5.1.2 Volatile Organic Compounds Results

In 2005, 122 soil samples from 75 soil boring locations (specifically: A01, A05, A09, A10, A13, A17, A20 through A22, B01 through B18, B20, B21, D01, D04, D05, D07, D09 through D17, X01 through X07, U01 through U18, V1A, V02 through V07, and W01) were analyzed for Volatile Organic Compounds (VOCs). Analytical results generally reported that VOCs were not detected in excess of the MDL for the respective VOC target compounds. Several compounds were detected but reported concentrations less than applicable soil cleanup criteria. Ethylbenzene was detected in three samples at concentrations ranging from 0.05 mg/kg to 15 mg/kg. Tetrachloroethene was detected in one sample at a concentration of 0.08 mg/kg. Toluene was detected in eight samples at concentrations ranging from 0.06 mg/kg to 1 mg/kg. Total xylenes were detected in four samples at concentrations

ranging from 0.17 mg/kg to 45 mg/kg. Soil analytical results for VOCs are summarized in Table 5 and soil sample locations are shown on Figure 5.

Within the Main Facility Area, a total of 201 soil samples were previously collected and analyzed for VOCs, and were reported in previous submissions to NJDEP, specifically in the October 2004 *Soil RI*. Eleven soil samples had reported analytical results that show tetrachloroethene (PCE), trichloroethylene (TCE), and methylene chloride (MeCl) greater than the soil cleanup criteria. These impacts were identified at three areas located within the Main Facility Area including the Courtyard area associated with the former Building #14-Heat Treat Operations (AOC-10), beneath Building #16 associated with a former sump (AOC-45), and the area east of Building #12 (AOC-1/19). The following paragraphs discuss the analytical results from each of these areas.

Courtyard Area (AOC-10)

Six soil samples collected in the Courtyard between Buildings #7, #8, #12, and #15 – ***10-ND31SS1 (2.5-3)***, ***A10-29-2A (8-8.5)***, ***A10-30-A (1-1.5)***, ***A10-31-A1 (1-1.5)***, ***10-ND19SS1 (2.5-3)***, and ***10-ND29SS1 (0.5-1)*** – had reported concentrations of VOCs, specifically PCE and TCE, greater than the MSSCC. Horizontal delineation has been achieved by samples: 10-ND17SS1 (2-2.5), A10-28A (0.5-1), 10-ND21SS1 (3.5-4), 10-ND15SS1 (1.5-2), SS-14-01 (8.5-9), A10-34A (2.5-3), and A10-36A (0.5-1). Results for these samples indicate no VOCs were detected greater than the MSSCC. Vertical delineation was completed to the bedrock surface [***A10-29-2A (8-8.5)***] where impacts of PCE remained greater than the MSSCC.

Beneath Building #16 (AOC-45)

Analytical results for sample ***B16-1A (26.5-27)*** collected just above the bedrock surface beneath Building #16 (AOC-45) reported a concentration of PCE greater than the MSSCC. No VOCs were reported in samples collected at shallower depths of 5-5.5 and 12.5-13 ft bgs. Therefore, vertical delineation of PCE concentrations was completed to the bedrock surface. Horizontal delineation has been achieved by samples B16-8 (17.5-18), B16-10 (26.5-27), B16-7 (19-19.5), B-16-3 (26.5-27), B-16-4 (26.5-27), and B16-9(18.5-19).

East of Building #12 (AOC-1/19)

In the area east of Building #12 (AOC-1/19) four soil samples – ***B2-0-2 (0-2)***, ***B2-0-4 (2-4)***, ***HOLE 3: (0-2)***, and ***HOLE 3: (2-4)*** – had reported concentrations of VOCs, specifically PCE and MeCl, greater than the MSSCC. Vertical delineation has been achieved by sample 1000C_5.5-6.0 where analytical results indicate no concentrations of VOCs greater than the MSSCC. Horizontal delineation has been achieved by samples, Site1-Sample 1 (0-2), Site1-Sample 2 (2-4), 1000-N 1-3, 1000C_5.5-6.0, and S1-HOLE-4 (0-2 and 2-4).

Soil samples ***B2-0-2 (0-2)*** and ***B2-0-4 (2-4)***, which were collected on the same day, reported MeCl concentrations greater than the MSSCC. One of these samples was qualified due to the presence of MeCl in the laboratory blank sample. MeCl was also reported in the field blank collected during the sampling event. It is therefore unlikely that MeCl is present in the actual soil samples and that reported impacts were attributed to laboratory contamination.

Details regarding the proposed remedial action of the above areas impacted with VOCs are discussed in the Remedial Action Workplan (Section 6.0).

5.1.3 Base Neutral & Acid Extractable Compounds

In 2005, 124 soil samples from 78 soil boring locations (specifically: A01, A05, A09, A10, A13, A17, A20 through A22, B01 through B18, B20, B21, D01, D04 through D17, X01 through X07, U01 through U18, V1A, V02 through V07, and W01) were analyzed for Base Neutral and Acid Extractible Compounds (BNAs). Analytical results for these samples generally reported that BNAs were not detected at the MDL for the respective BNA target compounds. Low level concentrations were detected in sporadic soil samples for the following compounds: acenaphthene, acenaphthylene, anthrancene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, butylbenzylphthalate, carbazole, chrysene, fluoranthene, fluorine, ideno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene; however, all concentrations were less than the MSSCC. Soil analytical results for BNAs are summarized in Table 6 and soil sample locations are shown on Figure 6.

Within the Main Facility Area, a total of 255 soil samples were previously collected and analyzed for BNAs and/or Polycyclic Aromatic Hydrocarbons (PAH), and were reported in previous submissions to NJDEP, specifically in the October 2004 *Soil RI*. In general, the primary PAH contaminants of concern are benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene. Based on the analytical results, there appears to be eight areas located within the Main Facility Area that were observed to have PAH impacted soils. Of the eight areas identified, a total of 49 soil samples had concentrations greater than the MSSCC for PAHs. These areas include beneath Building #17B (AOC-3E), the Courtyard (AOC-12), the area east of Building #12 (AOC-1/19), the OWS Building (AOC-41), the area southwest of Building #24 (AOC-39), the area south of Building #9, #10, and #11 (AOC-3C/3D), the incinerators adjacent to the Spray Pond (AOC-23/34), and the Spray Pond (AOC-30). The following paragraphs discuss the soil analytical results from the samples collected from each of these areas. Soil analytical results for BNAs are summarized in Table 6 and soil sample locations are shown on Figure 6.

Beneath Building #17B (AOC-3E)

Soil analytical results for samples ***A3E-3 (1.5-2)*** and ***A3E-5 (2-2.5)***, located towards the northern portion of the Main Facility Area to the east of former Building #17 and beneath current Building #17B

(AOC-3E), had reported concentrations of several PAH compounds greater than the MSSCC. Vertical delineation of impacts identified at sample ***A3E-3 (1.5-2)*** has been completed to refusal. Vertical delineation of sample ***A3E-5 (2-2.5)*** has been achieved by sample A3E-5 (11.5-12 and 23.5-24) collected from the same boring at a deeper depth. Horizontal delineation was achieved by samples, A3E-11 (1.5-2), A3E-D1 (1.5-2 and 2-2.5), and A3E-1 (12.5-13).

Courtyard Area (AOC-12)

In the vicinity of the Courtyard between Buildings #7, #8, #12, and #15, soil analytical results from samples ***USTB-SS6 (17.5-18)***, ***PES-12-6 (14-14.5)***, ***PES-12-5 (14-14.5)***, ***PES-12-4 (14-14.5)***, ***PES-12-3 (14-14.5)***, ***PES-12-2 (14-14.5)***, and ***PES-12-1 (14-14.5)*** had reported concentrations of several PAH compounds greater than the MSSCC.

Vertical delineation of the above impacts has been achieved by samples USTB-SS2A (18-18.5), USTB-SS3A (18-18.5), USTB-SS4A (18-18.5), and USTB-SS5A (18.5-19). Horizontal delineation of these impacts has been achieved by samples USTA-SS3A (18-18.5), V1A14.0 (14-14.5), V0314.0 (14-14.5), V0522.0 (22-22.5), V0622.0, (22-22.5), V0715.5 (15.5-15), U0119.5 (19.5-20), U0323.5 (23.5-24), U0414.5 (14.5-15), U0646.5 (46.5-47), and U1214.5 (14.5-15).

East of Building #12 (AOC-1/19)

In the area east of Building #12 (AOC-1/19), the analytical results for samples ***Site1-Sample 1 (0-2)***, ***Site1-Sample 2 (2-4), B2-0-2***, ***HOLE 3: (2-4)***, and ***S-1 (†)*** report concentrations of several PAH compounds greater than the MSSCC. Vertical delineation of the above impacts has been achieved by samples AOC-19-3B (4-4.5) and AOC-19-3C (14-14.5). Horizontal delineation of these impacts has been achieved by samples S2-HOLE 4 (2-4), AOC 19-3B (4-4.5), AOC 19-3C (14-14.5), and Site 7-Sample 3 (4-6). Continued delineation soil samples could not be collected to the north and northwest do to the presence of Building #12 and other site structures. However, based on the analytical results from soil samples in the vicinity as well as beyond the buildings, it appears that the PAH impacts in this area are contained and not expected to extend beyond the foundation of Building #12.

Oil Water Separator (OWS) Building (AOC-41)

In the vicinity of the OWS Building (AOC-41), soil analytical results for samples ***Sample 7 (†)***, ***OWS-2 (7-7.5)***, ***OWS-2P (7.0-7.5)***, ***OWS-3 (7-7.5)***, ***OWS-4 (7-7.5)***, and ***OWS-S1 (5-5.5)*** had reported concentrations of several PAH compounds greater than the MSSCC. Vertical delineation of the above impacts was achieved by samples OWS-2 (14-14.5), OWS-4 (14-14.5), OWS-3 (14-14.5), and OWS-S1 (15.5-16), where analytical data reported PAH compounds at concentrations less than the MSSCC. Horizontally delineation has been achieved to the west by OWS-S2 (5-5.5), where analytical results do not report PAH compounds greater than the MSSCC. Sample delineation in other directions was hindered by several active underground utilities present in these areas. However, based on soil

analytical results beyond these structures, it appears that the PAH impacts identified near the OWS Building are contained and delineated within the Main Facility Area.

Southwest of Building #24 (AOC-39)

Southwest of Building #24 (AOC-39), analytical results for samples ***AOC 39-5 (2.5-3)*** and ***Trench S. of Bldg 24 (3-†)*** had reported several PAH compounds at concentrations greater than the MSSCC. Vertical delineation of the above impacts has been achieved by sample AOC 39-1A (3.5-4). Horizontal delineation of these impacts has been achieved by samples AOC 39-1A (3.5-4), A29-N1 (6-6.5), AOC 39-2 (2.5-3), and AOC 39-6 (2.5-3).

South of Buildings #9, #10, and #11 (AOC-3C/3D)

South of Buildings #9, #10, and #11 (AOC-3C/3D), soil samples ***3C-2 (0-0.5), 3C-3A (0-0.5)***, ***3CD-1 (0-0.5)***, ***3CD-1 (5.5-6), 3D-2A (0-0.5), AOC-3D-2A (3.5-4), 3D-3A (0-0.5)***, ***3D-7A (0-0.5)***, ***3D-9 (1.5-2)***, ***3D-12A (0-0.5), AOC-3D-12A (3.5-4)***, ***3D-13A (0-0.5), 3D-15A (0-0.5), AOC-3D-3A (3.5-4),*** and ***A29-N2 (6-6.5)*** had reported PAH analytical results greater than the MSSCC.

Vertical delineation for the above impacts has been achieved by samples AOC-3C-3A (3.5-4), 3CD-1 (11.5-12), AOC-3D-12B (11.5-12), AOC-3D-13B (14.5-15), AOC-3D-15A (3.5-4), AOC-3D-9A (3.5-4), AOC-3D-7A (3.5-4), AOC-3D-2B (11.5-12), AOC-3D-3B (11.5-12), and 3CD-S3(5.5-6). Horizontal delineation has been achieved by samples 3CD-N3 (2-2.5); 3CD-N3 (5.5-6), 3CD-N3 (11.5-12), 3CD-S1, 3CD-S2, and 3CD-S3, which provide delineation to the north and west. PAHs impacts are not delineated within the Main Facility Area to the south and east; however, these offsite impacts are related to the Old Landfill and permitted landfill at the former IR facility and impacts at these locations are delineated. Therefore for the purpose of this report, PAH impacts southwest of Building #24 are delineated within or to the Main Facility Area boundaries. PAH impacts located beyond the boundaries of the Main Facility Area will be addressed in other submissions.

South of Spray Pond (AOC-23/34)

South of the Spray Pond, analytical results from three samples ***A23-2 (0-0.5)***, ***A23-3,*** and ***A34-1 (0.3-0.8)*** had reported concentrations of several PAH compounds greater than the MSSCC. Horizontal delineation has been achieved by samples A23-1 (0-0.5), A23-4A (0-0.5), A34-2 (0.5-1), A39-E1 (3.5-4 and 6.5-7), A34-2 (0.5-1), A23-4A (0.5-1), and A39-N1 (3.5-4 and 6.5-7). Delineation from these samples is complete to the west and north, but due to the presence of similar impacts in the Old Landfill offsite to the south and east, delineation was not completed on the Main Facility Area. However, PAH impacts associated with the offsite Old Landfill have been delineated. Therefore for the purpose of this report, PAH impacts south of the Spray Pond are delineated within or to the Main Facility Area boundaries. PAH impacts located beyond the boundaries of the Main Facility Area will be addressed in other submissions.

Spray Pond (AOC-30)

Eight sediment samples – ***S1 (0-†), S2 (0-†)***, ***S3 (0-†)***, ***S4 (0-†)***, ***S5 (0-†)***, ***S6 (0-†)***, ***S7 (0-†)***, and ***S8 (0-†)*** – were collected from within the Spray Pond (AOC-30). Sediment analytical results reported PAH concentrations greater than the MSSCC. This material is contained by the concrete lined Spray Pond structure. Therefore, horizontal and vertical delineation of the aforementioned impacts was not necessary. Remedial action is proposed for the removal and offsite disposal of the sediment.

Details regarding the proposed remedial action of the above areas impacted with BNAs/PAHs are discussed in the Remedial Action Workplan (Section 6.0).

5.1.4 Polychlorinated Biphenyls

In 2005, 133 soil samples from 85 investigative soil boring locations (A01, A05, A09, A10, A13, A17, A20 through A22, B01 through B18, B20, B21, D01, D04 through D17, X01 through X07, U01 through U18, V1A, V02 through V07, R01 through R08, and W01) were analyzed for polychlorinated biphenyls (PCBs). Analytical results for the 2005 PCB samples range from not detected at a MDL of approximately 0.07 mg/kg to 75 mg/kg. Soil analytical results for PCBs are summarized in Table 7 and sample locations are shown on Figure 7.

Within the Main Facility Area, a total of 197 soil samples were previously collected and analyzed for PCBs and were reported in previous submissions to NJDEP, specifically in the October 2004 *Soil RI*. Historical soil analytical results are also summarized in Table 7 and sample locations are shown on Figure 7.

Based on all the analytical results, there are six areas located within the Main Facility Area that were observed to have PCB impacted soils. Of the six areas identified, a total of 27 samples had concentrations greater than the MSSCC for PCBs. These areas include the drywell/cesspool structures south and east of Building #17B (AOC-50-5, AOC-50-6, and AOC-50-7), the main transformer yard (AOC-49-76), east of Building #17B (AOC-3E), east of Building #12 (AOC-1/19), the area south of Building #9, #10, and #11 (AOC-3C/3D), and the Spray Pond (AOC-30). The following paragraphs discuss the analytical results from soil samples collected from these six areas.

Drywell/Cesspool Structures South and East of Building #17B

During the 2005 investigative activities, soil samples were collected from a Drywell structure located to the south of Building #17B and directly west of former Building #23/23-A. Soil analytical results for samples collected in and near the Drywell (AOC-50-5) – ***D0421.0 (21-21.5), D0430.5 (30.5-31), D0516.5 (16.5-17), D0522.5 (22.5-23), D1022.5 (22.5-23), D1030.5 (30.5-31), D1031.5 (31.5-32), D1129.0 (29-29.5), D1419.5 (19.5-20),*** and ***D1521.5 (21.5-22)*** – reported analytical results with total PCB concentrations ranging from 0.77 mg/kg to 21 mg/kg. These concentrations are greater than the

MSSCC for PCBs. Vertical delineation for these samples is achieved at the bedrock surface, which ranges from 20 to 32 ft bgs in this area, grading from west to east. Horizontal delineation is achieved to the south by samples D1216.5 (16.5-17), D1221.0 (21-21.5), D1222.0 (22-22.5), and D1230.5 (30.5-31); to the west by samples D1116.5 (16.5-17) and D1121.0 (21-21.5); to the east by samples D1316.5 (16.5-17), D1321.0 (21-21.5), D1322.5 (22.5-23), and D1329.0 (29-29.5). Based on the soil analytical results, impacts identified at sample boring locations, D04, D05, D10, D11, D14, and D15, require additional delineation, specifically to the north and west.

During the 2005 investigative field activities, soil samples were collected from two Cesspool structures located to the east of Building #17B and directly north of former Building #23/23-A (AOC-50-6 and AOC-50-7). Soil analytical results from samples collected from within each of the structures – ***D0606.0 (6-6.5)*** and ***D0805.5 (5.5-6)*** – also had analytical results greater than the MSSCC for total PCBs. However, samples D0708.0 (8-8.5) and D0807.5 (7.5-8) collected in the presumed down-gradient direction of each of the Cesspools reported total PCB concentrations less than the MSSCC. Based on the results, it appears that impacts were contained in the structures.

Main Transformer Substation

Four soil samples were collected from the inside the fenced area of the main transformer substation (AOC-49-76) located to the north of the Spray Pond. Soil analytical results from one sample – ***R0100.5 (0.5-1)*** – had PCB analytical results greater than the MSSCC. This sample location is delineated vertically by R0103.5 (3.5-4), and horizontally by the soil samples R0500.0 (0-0.5), R0600.0 (0-0.5), R0700.0 (0-0.5), and R0800.0 (0-0.5), which were collected from outside the fenced area of the transformer substation.

East of Building #17B (AOC-3E)

At the northern end of the Main Facility Area to the east of Building #17B (AOC-3E), soil analytical results for samples ***A3E-5 (2-2.5)*** and ***A3E-3 (1.5-2)*** reported PCB concentrations greater than the MSSCC. Vertical delineation of these two samples has been achieved by samples A3E-5 (11.5-12) and A3E-13 (11.5-12). Horizontal delineation of the above impacts has been completed by samples A3E-1 (12.5-13), A3E-D1 (1.5-2 and 2-2.5), 16-3 (2-2.5), A3E-11 (1.5-2), and A3E-13 (11.5-12).

East of Building #12 (AOC-1/19)

In the area east of Building #12 (AOC-1/19), analytical results for sample ***AOC1-5 (0-0.5)*** reported PCBs greater than the MSSCC. Vertical delineation has been achieved by sample AOC1-2B (1.7-2). Horizontal delineation of the above impact has been achieved by samples AOC1-4 (0-0.5), AOC1-7 (0-0.5), AOC1-2 (0-0.5), AOC1-12B (0.5-1), AOC1-6 (0-0.5), and AOC1-3 (0-0.5).

South of Buildings #9, #10, and #11 (AOC-3C/3D)

Analytical results for soil samples ***3C-2_(0-0.5)***, ***3C-3A (0-0.5)***, ***AOC-3C-3A (3.5-4)***, ***3D-13A (0-0.5)***, and ***3D-15A (0-0.5)*** located south of Buildings #9, #10, and #11 (AOC-3C/3D), report PCB concentrations greater than the MSSCC. Vertical delineation of the above impacts has been achieved by samples AOC-3C-2A (3.5-4), AOC-3C-3B (9.5-10), AOC-3D-13B (3.5-4 and 14.5-15), and AOC-3D-15A (3.5-4). Horizontal delineation has been achieved by samples 3CD-N (2-2.5), 3CD-N (5.5-6), and 3D-12A (0.0-0.5), 3CD-S2 (0-0.5), 3CD-S2 (5.5-6), 3D5 (1-1.5), 3CD-S3 (0.0-0.5), 3CD-S3 (5.5-6.0), 3CD-1 (0-0.5 and 5.5-6), 3D-7 (0-0.5), 3C_7_1-1.5, and 3C-5A (0-0.5).

Spray Pond (AOC-30)

Of the eight sediment samples collected in the Spray Pond, analytical results from ***S2 (0-†)***, ***S6 (0-†)***, ***S7 (0-†)***, and ***S8 (0-†)*** reported concentrations of PCBs greater than the MSSCC. Sediment within the Spray Pond is contained within the concrete lined Spray Pond structure. Therefore, horizontal and vertical delineation of the aforementioned impacts was not necessary. Remedial action is proposed for the removal and offsite disposal of the sediment.

Sample ***SP-1 (0-0.5)***, collected from just outside the pond also had PCB analytical results greater than the MSSCC. Vertical delineation of this impact has been achieved by sample SP-1 (10-10.5) from within the same borehole and was reported with no PCB concentrations greater than the MSSCC. Due to the proximity of the Spray Pond to the north and the Old Landfill (AOC-29) east, south, and west of this soil sample, no horizontal delineation samples were collected since the PCB impacts have already been identified and delineated to the boundaries of the Old Landfill. PCB impacts beyond the Main Facility Area will be addressed in separate submissions.

Based on the analytical results, proposed remedial activities will consist of limited “hot spot” excavations where PCBs exceed TSCA limits with institutional and engineering controls implemented as necessary for remaining impacts. Details regarding the proposed remedial action of areas impacted with PCBs are discussed in the RAW (Section 6.0).

5.1.5 Priority Pollutant Metals

In 2005, 128 soil samples from 78 SI soil boring locations (A01, A05, A09, A10, A13, A17, A20 through A22, B01 through B18, B20, B21, D01, D04 through D17, X01 through X07, U01-U18, V1A, V01-V07, and W01) were analyzed for Priority Pollutant Metals (PP Metals). The 2005 soil analytical results for PP Metals are summarized in Table 8 and soil sample locations are shown on Figure 8.

Within the Main Facility Area, a total of 278 soil samples were historically collected and analyzed for PP Metals, and were reported in previous submissions to NJDEP, specifically in the October 2004 *Soil RI*. Historical soil analytical results are also summarized in Table 8 and sample locations are shown on Figure 8.

As shown on Figure 8, metal impacts appear distributed across the Main Facility Area. For ease, each metal that had reported impacts in soil samples collected within the Main Facility Area are discussed in the following subsections.

5.1.5.1 Antimony Results

One soil sample, ***A39-E1 (3.5-4)***, collected within the Main Facility Area had a reported antimony result greatly in excess of the MSSCC. Only one other soil sample collected at the former IR facility approximately 300 south of the above soil sample showed antimony impacts, but at concentrations only slightly in excess of the criterion. Based on nearby soil sample analytical results, the impact is delineated. It is unclear whether the impact is related specifically to historic operations at the IR facility or an analytical anomaly. Regardless, other impacts in the vicinity of sample ***A39-E1 (3.5-4)*** will require remedial action to prevent direct contact and will also address this single antimony impact within the Main Facility Area.

5.1.5.2 Arsenic Results

As shown on Figure 8, arsenic impacts are distributed across the Main Facility Area with the exception of the northwest area around Building #20. Impacts cross the boundaries of the Main Facility Area to the west into the Foundry Area and Cameron Area, to the north into Lot 7.07, to the east into the bulk AST farm and surrounding areas, and to the south into the Old Landfill and permitted landfill. Arsenic impacts within the Main Facility Area and in surrounding parcels were identified at depths ranging from the surface to bedrock and may be a result of a site-wide or naturally occurring regional condition. For the purposes of this report, arsenic impacts are delineated vertically to the bedrock surface, to soil samples collected in the northwest portion of the parcel, and to the remaining boundaries of the Main Facility Area. Arsenic impacts extending beyond the Main Facility Area Boundaries are being addressed in separate submissions.

5.1.5.3 Beryllium

In a letter dated January 25, 2005, NJDEP indicated that due to revised toxicity data presented in USEPA's Integrated Risk Information System (IRIS) database, NJDEP has established an Alternative Remediation Criterion (ARC) for beryllium of 16 mg/kg. As previously discussed and shown on Table 8, soil analytical results do not report concentrations of beryllium in excess of this ARC. Therefore, beryllium is no longer a contaminant of concern at the Main Facility Area or the former IR facility.

5.1.5.4 Cadmium Results

During the 2005 investigative activities, two samples – ***D0516.5 (16.5-17)*** and ***D0522.5 (22.5-23)*** – collected from the Drywell (AOC-50-5) reported cadmium analytical results greater than the MSSCC. These samples are delineated to the north by D1022.5 (22.5-23); to the east by D1122.5 (22.5-23); to

the south by D1222.0 (22-22.5); and to the west by sample D1122.5 (22.5-23). These samples are vertically delineated by D0430.5 (30.5-31).

5.1.5.5 Copper Results

As shown on Figure 8, copper was identified sporadically across the eastern and southern parts of the Main Facility area. Three soil sample – ***D0516.5 (16.5-17), D0522.5 (22.5-23)***, and ***D0606.0 (6-6.5)*** – collected from in and around the Drywell and Cesspool structures (specifically AOC-50-5 and AOC-50-7) located to the south and east of Building #17B, respectively, had reported copper concentrations greater than the MSSCC. These samples were collected from within the structures and were delineated vertically. Copper concentrations were also identified at the following locations.

- Soil sample ***S-1 (†)*** located east of Building #12 (AOC-1/19);
- Soil samples ***AOC 39-E1 (3.5-4)*** and ***AOC 39-E1 (11.5-12)*** located south of Building #24 (AOC-39);
- Soil samples ***3C-5A (0-0.5)*** and ***3D-2A (0-0.5)*** located south of Buildings #9, 10, & 11 (AOC-3C/3D);
- Soil sample ***A23-4 (0-0.5)*** and its duplicate ***A23-4A***, located south of the Spray Pond (AOC-23); and
- Sediment samples ***S1 (0-†), S2 (0-†), S3 (0-†), S4 (0-†), S5 (0-†), S6 (0-†), S7 (0-†),*** and ***S8 (0-†)*** collected from the Spray Pond (AOC-30).

As shown on Figure 8, each of the above impacts was delineated and will be addressed via a site-wide deed notice with engineering controls where necessary and applicable or with limited excavation and disposal. Proposed remedial actions are detailed in Section 6.0.

5.1.5.6 Lead Results

Similar to copper impacts, concentrations of lead exceeding the MSSCC were distributed sporadically through the eastern and southern portions of the Main Facility Area. These impacts are summarized as follows.

- Three soil samples – ***D0430.5 (30.5-31), D0516.5 (16.5-17),*** and ***D0522.5 (22.5-23)*** – collected in and near the Drywell (AOC-50-5) south of Building #17B;
- Four soil samples – ***10-ND11SS1 (4-4.5), A10-22-A (2.5-3), 10- 10-ND31SS1 (2.5-3),*** and ***A10-31-2A (8-8.5)*** – collected in the Courtyard area between Buildings #7, #8, #12, and #15 (AOC-10/12);
- Soil sample ***Site1/S-1 (0-2)*** located east of Building #12 (AOC-1/19);
- Two soil samples - ***AOC 39-2 (2.5-3)*** and ***AOC 39-E1 (3.5-4)*** – collected south of Building #24 (AOC-39);

- Four soil samples – ***3C-5A (0-0.5), 3CD-1 (0-0.5), 3D-13A (0-0.5),*** and ***3D-2A (0-0.5)*** – collected south of Buildings #9, #10 and #11 (AOC-3C/3D); and
- Eight sediment samples - ***S1 (0-†), S2 (0-†), S3 (0-†), S4 (0-†), S5 (0-†), S6 (0-†), S7 (0-†),*** and ***S8 (0-†) –*** collected from with the concrete lined Spray Pond (AOC-30).

As shown on Figure 8, each of the above impacts was delineated relatively closely to the original impact and will be addressed via a site-wide deed notice with engineering controls where necessary and applicable or with limited excavation and disposal. Proposed remedial actions are detailed in Section 6.0.

5.1.5.7 Mercury Results

As shown in Table 8 and Figure 8, concentrations of mercury exceeding the MSSCC were identified in seven sediment samples – ***S1 (0-†), S2 (0-†), S3 (0-†), S4 (0-†), S5 (0-†), S6 (0-†), S7 (0-†),*** and ***S8 (0-†) –*** collected from with the concrete lined Spray Pond (AOC-30). As previously discussed, the Spray Pond is a concrete lined structure at which sediment removal is the proposed remedial action (see Section 6.0).

5.1.5.8 Nickel Results

Similar to other metals impacts, concentrations of nickel exceeding the MSSCC were distributed sporadically through the southern portions of the Main Facility Area. These impacts are summarized as follows.

- Two soil samples – ***D0516.5 (16.5-17)*** and ***D0522.5 (22.5-23)*** – collected from a Drywell structure located to the south of Building #17B and directly west of former Building #23/23-A (AOC-50-5);
- Soil sample ***Site 6/S-1 (0-3)***, collected in the area east of Building #12 (AOC-1/19);
- Soil sample ***AOC 39-E1 (3.5-4)***, located south of Building #24 (AOC- 39);
- Soil sample ***3D-2A (0-0.5)***, located south of Building #9, #10 and #11 (AOC-3C/3D);
- Two soil samples - ***A23-4 (0-0.5), and A23-4A (duplicate sample)*** – collected south of the Spray Pond (AOC-23); and
- Five sediment samples - ***S1 (0-†), S2 (0-†), S3 (0-†), S6 (0-†),*** and ***S8 (0-†)*** – collected from with the concrete lined Spray Pond (AOC-30).

As shown on Figure 8, each of the above impacts was delineated relatively closely to the original impact and will be addressed via a site-wide deed notice with engineering controls where necessary and applicable or with limited excavation and disposal. Proposed remedial actions are detailed in Section 6.0.

5.1.5.9 Silver Results

Concentrations of silver exceeding the MSSCC were identified in two soil samples – ***D0516.5 (16.5-17)*** and ***D0522.5 (22.5-23)*** – collected from a Drywell structure located to the south of Building #17B and directly west of former Building #23/23-A (AOC-55-5). No additional silver impacts were identified at the site.

5.1.5.10 Thallium Results

Thallium concentrations in soil that exceed the MSSCC have appeared sporadically distributed in the Main Facility Area. Samples exhibiting these concentrations are summarized as follows:

- Three soil samples – ***A0511.5 (11.5-12)***, ***D0516.5 (16.5-17)***, and ***D0522.5 (22.5-23)*** – collected from in and around Drywell structure located south and east of Building #17B (AOC-50-5);
- Three soil samples – ***X0208.0 (8-8.5)***, ***X0512.0 (12-12.5)***, and ***U0210.0 (10-10.5)*** – collected south of Buildings #9, #10 and #11 (AOC-3C/3D);
- Soil sample ***16-17 (2-2.5)***, located towards the southern portion of former Building #17 (AOC-16);
- Five soil samples – ***10-ND23SS1 (6-6.5)***, ***10-ND-5SS1 (1.5-2)***, ***10-ND13SS1 (6.5-7), 10-ND31SS1 (2.5-3),*** and ***10-ND1SS1 (3-3.5)*** – collected in the vicinity of the Courtyard between Buildings #7, #8, #12, and #15 (AOC-12).

Based on previous investigative results discussed in previous reports, detected thallium concentrations appear to be related to matrix interference associated with analytical methods rather than actual impacts. Regardless, these reported impacts occur in areas in which other impacts have been identified and will be addressed concurrently.

5.1.5.11 Zinc Results

As shown in Table 8 and Figure 8, zinc concentrations exceeding the MSSCC were identified in five sediment samples collected from the concrete lined Spray Pond (AOC-30). As previously discussed, the Spray Pond is a concrete lined structure at which sediment removal is the proposed remedial action (see Section 6.0).

5.2 Soil Investigation Summary and Conclusions

Based on the historic document review and site reconnaissance, approximately 400 individual potential AOCs were identified within the Main Facility Area. These AOCs are summarized in Table 1 and

shown on Figure 2. These AOCs consist of the previously identified AOCs as summarized in Section 3.0 of this report as well as the following AOC groups:

- Former Coal Storage Areas (AOC-46) (6 locations);
- Former Locations of X-Ray Equipment (AOC-47) (2 locations);
- Former Mine (AOC-48) (1 location)[5];
- Former and Current Transformer Locations (AOC-49) (88 locations);
- Former Drywells, Cesspools, and Leachfields (AOC-50) (10 locations);
- Former Onsite Ponds (AOC-51) (1 location previously identified as AOC-30, Spray Pond);
- Building Sumps, Pits, and Floor Drains (AOC-52) (7 locations)[6];
- Site Subsurface Utilities (AOC-53) (identified in Main Facility Area);
- Former ASTs and underground storage tanks (USTs) and fuel filling areas not previously identified (AOC-54) (116 locations);
- Railways (AOC-55) (identified in Main Facility Area);
- Former Plating Operations (AOC-56) (5 locations);
- Former Boilers, Ovens, Furnaces, and Incinerators (AOC-57) (41 locations);
- Fill areas (other than landfills) (AOC-58) (present across southern portions of the Main Facility Area);
- Roof/Process Vents and Roof Drains (AOC-59) (19 locations)[7]; and
- Former Outdoor Scrap Pads, Storage Areas, and Process Areas not previously identified (AOC-60) (96 locations).

Soil sampling has been conducted during previous investigations to address impacts related to the previously identified AOCs. Additional grid-based soil sampling and AOC-specific soil sampling was conducted recently as described in this report to address potential concerns in conjunction with the presence of above-listed AOCs. As proposed in the 2004 *SHR*, the grid-based soil sampling was conducted over larger areas that had not been investigated previously and individual grid sample locations were biased to specific locations of newly identified AOCs.

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[5] The former mine is located at the western border of the Main Facility Area, with access shafts located in the adjacent Foundry Area. More detailed discussion of the environmental investigation and investigative findings for the former mine is presented in the 2005 *SI/RI/RAW of the Foundry Area*.

[6] Although there are seven documented locations, building sumps, pits, and/or floor drains are assumed to have been present in all facility buildings.

[7] Although there are only nineteen documented locations, it is assumed that every manufacturing building had process vents and roof drains that may have had the potential to impact the local environment.

Based on the soil analytical results, impacts were identified included TPHC, VOCs (specifically PCE and TCE), PAHs, PCBs, and select Metals (specifically arsenic, cadmium, copper, lead, nickel, and silver). TPHC impacts appear to be related to storage and historic releases of fuel oil (AOC-54), VOC impacts appear to be related to historic metalworking operations that may have used solvents for cleaning and degreasing (AOC-10, 19, and 45). Metals and PAH impacts appear to be related to historic metal working operations (AOCs-46, 56, and 60); the use of impacted fill material (AOC-58) (i.e., spent foundry sand); emissions from historic operations of boilers, furnaces, etc (AOCs-57 and 59); and possibly from the land application of arsenical pesticides and herbicides related to the former railways (AOC-55). PCB impacts may be related to former oil-containing tanks and/or electrical equipment (AOC-49 and AOC-54).

The sections below summarize the results and conclusions made for each of the target analyte groups investigated in the Main Facility Area. As discussed in the Remedial Action Workplan (Section 6.0 of this report), the Main Facility Area AOCs are being addressed with a site-wide deed notice and engineering controls where necessary and except where indicated below, no additional investigation is proposed for AOCs identified in the Main Facility Area with the exception of TPHC and PCB impacts associated with the Drywell and Cesspool structures south and east of Building #17B, respectively.

5.2.1 Total Petroleum Hydrocarbons

As shown on Table 4 and Figure 4, 485 soil samples collected in the Main Facility Area were analyzed for TPHC. As reported, concentrations of TPHC in soil ranged from not detected (at an MDL of approximately 25 mg/kg) to 208,000 mg/kg. Fifty-two soil samples exceed the 10,000 mg/kg criterion for TPHC over seven separate individual areas of impact including the Drywell/Cesspool structures south and east of Building #17B (AOC-50-5 and AOC-50-6), beneath Building #17B (AOC-3E), the Courtyard area associated the former quench oil USTs (AOC-12), the area east of Building #12 (AOC-1/19), the OWS Building (AOC-41), the area southwest of Building #24 (AOC-39), and the Spray Pond (AOC-30). Each of these areas has been delineated horizontally and vertically and do not appear to be a continuing source of groundwater impact with the exception of the Drywell (AOC-50-5), which has not been completely delineated and has TPHC concentrations in excess of 100,000 mg/kg near the bedrock surface. In the Courtyard area, sumps which were installed into the top of bedrock by ENSR in September 2000, have not collected LNAPL from saturated soil in this area and indicate that any remaining TPHC impacts are strongly bound to soils and are not contributing to LNAPL in groundwater. As discussed in the Remedial Action Workplan (Section 6.0), active remediation is proposed for the Drywell/Cesspools south and east of Building #17B as well as at the Spray Pond. The remaining locations will be addressed using institutional and engineering controls. Section 6.0 details the proposed remedial actions for the site.

5.2.2 Volatile Organic Compounds

As shown on Table 5 and Figure 5, of 323 soil samples collected in the Main Facility Area were analyzed for VOCs, 11 of which exhibited concentration of PCE, TCE, and/or MECl greater than the MSSCC. These impacts were distributed over three locations: the Courtyard area associated with AOC-10 (former Building #14-Heat Treat Operations), the area east of Building #12 (AOC-1/19), and beneath Building #16 associated with a former sump (AOC-45). These soil samples were delineated in all directions and do not appear to be a continuing source of groundwater impact. As discussed in Section 6.0, VOC impacts, specifically PCE and TCE where their concentrations exceed direct contact soil cleanup criteria will be addressed using institutional and engineering controls as necessary. Limited hot spot excavation will also be performed in the Courtyard area, as detailed in Section 6.0 of this report.

5.2.3 Base Neutral and Acid Extractable Compounds

As shown on Table 6 and Figure 6, a total of 379 soil samples were collected from the Main Facility Area for analysis of either BNA or PAH compounds. A total of 49 of these soil samples had reported analytical results where one or more PAH compounds were present at concentrations greater than the MSSCC. Analytical results from investigative sampling indicate that these impacts are delineated within or to the boundaries of the Main Facility Area. As discussed in Section 6.0, the proposed remedial action for PAH impacts include institutional and engineering controls to prevent direct contact exposure to impacted soil.

5.2.4 Polychlorinated Biphenyls

As shown on Table 7 and Figure 7, 27 of 330 soil samples were found to have reported concentrations of PCB greater than the MSSCC and appear to be related to six individual areas: beneath Building #17B (AOC-3E), the Drywell/Cesspool structures south and east of Building #17B (AOC-50-5, AOC-50-6, and AOC-50-7), the area east of Building #12 (AOC-1/19), the main transformer yard (AOC-49-76), the southern portions of the Main Facility Area (AOC-3C/3D), and the Spray Pond (AOC-30). Identified PCB concentrations exceeding criteria have analytical results ranging from 0.74 to 17 mg/kg and have been delineated within or to the Main Facility Area boundaries. PCB concentrations greater than the 10 mg/kg TSCA high occupancy regulations for PCB cleanup were identified at the Drywell/Cesspool structures south and east of Building #17B. As discussed in Section 6.0, sediment will be removed from these structures and disposed at an approved offsite disposal facility. Remaining impacts that are greater than the RDCSCC but less the TSCA guidelines will be addressed via institutional and engineering controls were applicable. Section 6.0 details all proposed remedial actions for PCBs at the site.

5.2.5 PP Metals

Based on the analytical results of previous as well as recent soil investigations, PP metals impacts have been identified over much of the Main Facility Area. Of 406 soil samples collected for at least one metal constituent, the following impacts were identified:

- Antimony was identified at one location in the Main Facility Area.
- Arsenic impacts were identified at 90 soil sample locations sporadically across much of the Main Facility Area.
- Based on the NJDEP-approved ARC, beryllium is not a concern at the Main Facility Area.
- Cadmium impact was detected at two sample locations within the Drywell (AOC-50-5).
- Copper impacts were identified at 21 soil sample locations sporadically across the eastern and southern portions of the Main Facility Area.
- Lead impacts were identified at 24 soil sample locations sporadically across the eastern and southern portions of the Main Facility Area.
- Mercury impacts were identified in eight sediment samples collected in the Spray Pond.
- Nickel impacts were identified at 14 soil sample locations sporadically across the eastern portion of the Main Facility Area.
- Silver impact was identified two soil samples within the Drywell (AOC-50-5).
- Although seven soil sample locations reported thallium concentrations in excess of criteria, it has been shown that these are likely due to matrix interference of the analytical method employed.
- Zinc impacts were identified in seven sediment samples from the Spray Pond.

The above impacts appear to be related to various historical site operations with the exception of arsenic which appears to be a site-wide or regional concern. Based on the location of identified impact, proposed remedial actions include excavation and off-site disposal for impacts in the Drywell/Cesspools, Courtyard Area, and the Spray Pond. Remaining impacts will be addressed with institutional and engineering controls as necessary and appropriate. Section 6.0 details all of the proposed remedial actions for the site.

5.3 Indoor Air Quality

Although the primary subject of this report is investigation and remediation of soil impacts, an Vapor Intrusion (VI)/Indoor Air Quality (IAQ) Study was performed in June 2005 at the site. This study was performed at the request of NJDEP and is included as Appendix E. As noted therein, indoor air samples were collected from inside several buildings in the Main Facility Area, including Building #7, Building #8, Building #9, Building #13, and Building #24 adjacent to the Courtyard Area. These buildings were selected based upon their proximity to either LNAPL or chlorinated VOC impacts in soil or groundwater.

No compounds were detected at or above Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs) in any air sample collected in the June 2005 sampling event. The PEL is the maximum amount or concentration of a chemical to which a worker may be exposed under OSHA regulations. The PELs represent standards for air quality in workplaces where the compounds may be utilized as part of the industry practice. The OSHA PELs are the most appropriate standards for comparison in this study based upon the industrial operations which are present in and around the targeted buildings.

The VI/IAQ Study also provides a summary of two previous IAQ studies conducted by other firms in May and June 2005 in Building #9, Building #20, and Building #34. No compounds were detected at or above OSHA PELs in either of these earlier studies as well. Based upon the results of these studies, indoor air quality does not appear to be impacted to any significant degree so no additional work is proposed to be conducted at this time.

6.0 REMEDIAL ACTION WORKPLAN

6.1 Introduction

ENSR has prepared this Remedial Action Workplan (RAW) on behalf of Ingersoll-Rand Company (IR) to address remaining soil concerns within the Main Facility Area[8] of the former IR-Phillipsburg facility located in Phillipsburg, Warren County, New Jersey. The Main Facility Area of the former IR facility is shown on the USGS 7.5-minute Topographic Quadrangle Map of Easton PA-NJ, a portion of which is included as Figure 1. Figure 2 presents a Site Plan of the Main Facility Area.

This RAW proposes remedial actions to address the identified soil impacts. Specifically, 31 AOCs were identified through previous investigations and approximately 400 potential AOCs were identified in the 2004 *SHR*. These previously identified and potential AOCs are summarized on Table 1, and their approximate locations are depicted on Figure 2. This RAW has been prepared in accordance with numerous documents, as listed in Section 1.0 of this report.

A groundwater investigation is being conducted across the former IR site, results of the groundwater investigation will be presented in a separate submission.

6.1.1 Background

Site investigative activities began at the former IR property in the late 1970's. As a result of ongoing investigations, a total of 37 areas of concern (AOCs) were identified within the Main Facility Area with additional potential AOCs identified throughout the site. Consistent with the investigative and remedial approach at the site, impacts identified at concentrations exceeding the applicable soil cleanup criteria (SCC) are planned for remedial action through limited active remediation and the development of a deed notice for the property with engineering controls as necessary and appropriate.

6.1.2 Rationale for Work

As per the ACO between the State of New Jersey and IR, IR is responsible for remedial activities including investigation and remediation (if necessary).

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[8] After purchasing the facility, Preferred Real Estate Investments (PREI) created a new property subdivision more suitable to their goal of redevelopment. This new subdivision is shown in the PREI Final Subdivison Plat dated January 20, 2005. The Main Facility Area in this subdivision is comprised of those areas of the facility previously identified as Lot 4 and portions of Lots 6.01, 15.03, 7, and 11 in the *Site History Report* (ENSR, 2004).

6.1.3 Objectives of the Work

The objectives of the work are to maintain IR's compliance with the ACO, and to complete soil remedial activities at the Main Facility Area in order to expedite closure and facilitate the redevelopment of the Main Facility Area as planned by Phillipsburg Associates. Groundwater remedial activities are not addressed as part of this report, and shall be addressed in a forthcoming submission.

6.2 Physical Setting

6.2.1 Location and Surroundings

The former IR property is located at 942 Memorial Parkway in Phillipsburg, New Jersey and occupies approximately 383 acres within the Town of Phillipsburg and Lopatcong Township. The Main Facility Area consists of approximately 55 acres of developed land in the center of the property. This general area was historically the center of IR's operations at the site. Operations in the Main Facility Area consisted of manufacturing processes which supported IR's product lines. Presently, this portion of the property consists of various buildings, some vacant and others utilized by multiple industrial businesses. In addition to the remaining structures, there are former concrete building slabs, foundations, roads, paved parking areas and landscaped areas throughout the Main Facility Area. A current site map is included as Figure 2. The results of previous sensitive receptor evaluations investigations indicate that there are no environmentally sensitive areas (ESAs) within the Main Facility Area. Location and surroundings are discussed in greater detail in Section 2.1.

6.2.2 Topography and Drainage

As shown on the USGS 7.5-minute Quadrangle Map for Easton PA-NJ (Figure 1), the Main Facility Area is situated at the top of a ridge at approximately 360 feet above mean sea level (AMSL). Filling activities associated with the facility construction and with other construction projects have resulted in the leveling of the Main Facility Area's topography.

Approximately 85% of the Main Facility Area is covered by existing buildings, pavement and/or building foundations. Surface runoff on paved (impervious) surfaces, is generally channeled into a stormwater sewer network, which drains the bulk of the Main Facility Area into the Spray Pond and subsequently the Inverse Ponds. Topography and drainage are discussed in greater detail in Section 2.2.

6.2.3 Soils

The naturally occurring soils at the Main Facility Area consist of clayey silty carbonate rock residuum and rock rubble, overlain by glacial till. Much of the till may have been disturbed or removed in the process of facility development. Fill is present over much of the Main Facility Area and consists mainly of black to dark brown sand sometimes mixed with other material and building debris. Thickness of the

fill varies across the Main Facility Area and ranges from zero to 15 feet. Bedrock was encountered at depths ranging from 3 to 41 feet below the ground surface (bgs). Soils are discussed in greater detail in Section 2.3.

6.2.4 Geology

Bedrock underlying the Main Facility Area consists of two major geologic units. The older unit is present throughout the western half of the Main Facility Area, and consists of a very fine to medium grained, gray to dark gray dolomite. The other rock unit, present on the eastern portion of the Main Facility Area, consists of a fine to coarse grained, light to dark gray dolomite with some breccia and chert beds. Both formations strike in a north to northeasterly direction and generally dip to the southeast. Bedrock below the site displays characteristics of an active karst aquifer, as evidenced by sinkhole activity and borehole instability during monitoring well installations onsite. Site geology is discussed in greater detail in Section 2.4.

6.2.5 Hydrogeology

No overburden aquifers are present onsite. Groundwater is first encountered in the fractures and openings in the bedrock. Groundwater potentiometric surface in the Main Facility Area ranges from approximately 85 to 95 ft bgs. Groundwater elevation measurements indicate relatively large seasonal fluctuations in groundwater elevation.

Groundwater appears to flow in a northeasterly direction along the strike of the geologic formation, with a small apparent southwesterly component in the southwestern portion of the Main Facility Area. Groundwater investigations are progressing relative to the former IR property and will be presented in separate submissions. Hydrogeology is discussed in greater detail in Section 2.5.

6.2.6 Surface Water and Wetlands

One man-made surface water impoundment, the Spray Pond, is present in the Main Facility Area. No natural surface water bodies are present. Lopatcong Creek is located approximately 1/3-mile southeast of the Main Facility Area and the Delaware River is located approximately one-mile southwest of the site.

Discussions are currently underway with the NJDEP's Land Use Regulation Program (LURP) to determine which features at the former IR site are regulated under the New Jersey Freshwater Wetlands Protection Act. It is not anticipated that any regulated wetlands exist within the Main Facility Area. Surface water and wetlands are discussed in greater detail in Section 2.6.

6.3 Historical Information

6.3.1 Site History

Prior to the purchase of the Main Facility Area by IR circa 1903, the property was predominantly used for agricultural purposes. Throughout the history of the Main Facility Area, activities conducted in this area included operation of various industrial businesses.

The concrete lined Spray Pond was completed circa 1905 in the southeast corner of the Main Facility Area. The Spray Pond remains in use at the facility as a receptacle of non-contact cooling water from a facility laser laboratory and stormwater from much of the Main Facility Area. The Spray Pond discharges to downstream inverse ponds and ultimately to the Lopatcong Creek under a Discharge to Surface Water (DSW) permit (Permit No. NJ0157538).

One of two original production wells remains in operation in the Main Facility Area to supply the facility with production, fire, and potable water. An air stripper is currently treating extracted groundwater to remove dissolved-phase volatile constituents.

Environmental investigations at the former IR facility were commenced in the 1970s and continue to date. By late 2004, a total of 31 AOCs were identified in the Main Facility Area. Pertinent NJDEP submissions and responses related to the continued investigative and remedial activities at these AOCs are detailed in Section 3.1.

6.3.2 Site Conceptual Model

A conceptual site model was developed using EPA guidance (EPA, 1996) in order to illustrate the connection between contaminant sources, site characteristics, the fate and transport of contaminants, and the appropriateness of final remedial selection.

6.3.3 Facility Operations

As previously discussed, manufacturing was the predominant operation at the former IR facility. As part of manufacturing processes, the Main Facility Area would have received metal castings from IR's foundry operation to the west. Casts would require finishing via cutting and grinding operations, sand and shot blasting, heat treating, pickling, welding, coating, or painting. The completed products (drills, pumps, and compressors) were tested on site once completed. A few buildings contained large concrete-lined pits to test the pumps and compressor tanks. Drills were tested on large boulders and blocks as well as in the experimental mine which was also located on the site. Manufacturing processes were described in more detail in the 2004 *SHR*, and in Section 3.3.1.

6.3.4 Probable Release Scenarios

6.3.4.1 Total Petroleum Hydrocarbons

A summary of the larger documented TPHC releases that may have contributed to soil and groundwater impact in the Main Facility Area are detailed in Section 3.3.3.1 and Table 10. In general, oil spills were documented as early as the 1940s, with potential single spill volumes up to or over 200,000 gallons.

6.3.4.2 Volatile Organic Compounds

Historical facility documents do not reveal any substantive information concerning the handling or disposal practices of chlorinated solvents and other volatile organic compounds (VOCs) at the Main Facility Area. However, their use can be inferred based upon standard industry operating practices as well as the presence of chlorinated VOCs identified in facility soil and groundwater. Soil impacts of PCE and TCE have been found in the vicinity of former Building #14, Building #16, and east of Building #12.

Although widespread chlorinated VOCs have not been identified in soil within the Main Facility Area (only eight soil sample locations were identified that had VOC impacts), groundwater concentrations of chlorinated VOCs have been reported at concentrations in excess of the groundwater quality criteria. Based on manufacturing operations at the site, it is likely that these compounds were used for parts cleaning and degreasing; release mechanisms may have included incidental spills and similar discharges which have likely been transported to the groundwater but have attenuated in the soil since original deposition.

6.3.4.3 Base Neutral Compounds

The origins of the BNA/PAH compounds found in the soil at the Main Facility Area may be a result of a combination of three historical operations: railroad operations, historical power and steam generation at the facility's former power houses (located in the Cameron Area and the Main Facility Area), and historical filling operations utilizing spent foundry sand and other materials from the IR foundry operations. All three of these sources of PAH impacts were confined to the ground surface either deposited directly with the spent sands or as particulate matter settling from train or boiler exhaust stacks. However, since the facility was expanded and re-organized over its operational history, some of these materials may have been buried or redistributed below current ground surface as a result of earth moving activities. Additional sources of PAHs may be the release and subsequent deposition of soot and ash from current and historic burning of coal and wood for heating of nearby businesses and residences.

6.3.4.4 Polychlorinated Biphenyls

The origins of the PCB impacts found onsite are probably attributable to releases of PCB-containing fluids from electrical equipment over the facility's operational history. As with the PAH compounds, these releases were likely moved to depth as a result of earth moving activities during construction projects at the former facility.

6.3.4.5 Metals

Arsenic impacts occur in many places at the Main Facility Area. Although some arsenic appears to be related to historic operations, the depth and locations of much of the identified impacts suggest a naturally occurring or background condition.

Beryllium is known to occur naturally in the vicinity of the site at concentrations above the MSSCC of 2 mg/kg. As detailed in Section 5.1.5, beryllium is being compared to NJDEP-approved Alternate Remediation Criterion (ARC) of 16 mg/kg. No soil samples collected at the site have reported concentrations exceeding this ARC.

Other metals impacts occur sporadically in most cases, and are most likely attributable to the metals utilized in the manufacturing process. Metal plating activities were conducted in the Main Facility Area, which had the potential to contribute metals impacts to the environment. Metals impacts may also have been present in spent foundry sand at the time of filling activities for the Main Facility Area.

6.3.5 Site Soil Characteristics

Soils at the Main Facility Area generally consist of two layers: a silty clay layer resulting from the weathering of the native rock layers, and a sandy fill layer overlying the native soils in many places at the Main Facility Area. Although the fill layer probably permits limited vertical migration of soluble contaminants, it is present in thicknesses of fifteen feet or less and is underlain by clayey soils that likely inhibit the further vertical migration of percolating water and any soluble contaminants that it may carry. Additionally, much of the land surface in the vicinity of the facility buildings is surfaced with concrete and/or asphalt preventing rainwater from percolating through overburden soils and further limiting the potential for vertical contaminant migration.

6.3.6 Fate and Transport

TPHC impacts appear to have largely attenuated in soil in areas of known releases. Larger historic spills which occurred in areas of the site with relatively shallow bedrock likely seeped into the bedrock years ago and have contributed to the current LNAPL impact on groundwater. Remaining TPHC impacts do not appear to be contributing to groundwater impact and will likely slowly degrade due to microbial activity.

Any possible historic impacts of chlorinated compounds appear to have attenuated or have infiltrated into the bedrock aquifer leaving little or no trace of these compounds in overburden soils. Residual soil impacts of chlorinated VOCs do not appear to be a continuing source of impact to groundwater and will likely degrade over time due to microbial activity.

Metals, PCBs, and PAHs appear to be confined within the soil matrix and are not being mobilized as evident by the lack of detections in groundwater. It is likely that metals, PCBs, and PAHs are sorbed on the soil particles and are generally unavailable for desorption. As such, these impacts are not likely to migrate. PAHs and PCB may slowly degrade over time due to microbial activity. Metals are less likely to degrade or be transformed (or otherwise be removed from soil) by biological activity and will tend to remain at similar concentrations over time.

6.3.7 Rationale for Current Proposed Remedial Actions

The Main Facility Area has been an active manufacturing facility for over one hundred years and is still currently utilized for steel fabricating; pump research and development; pump assembly; and office space. The manufacturing and support activities conducted throughout the Main Facility Area over the last century include manufacturing, metals grinding and cutting, metals plating, heat treating, pickling, and degreasing. Over the last century of activity, the facility grew; new manufacturing buildings were constructed; its operations were re-organized several times; and obsolete and/or vacant buildings were razed after their useful life had passed. Due to the changing manufacturing operations across the Main Facility Area over the last one hundred years, potential sources of environmental impacts were also likely changed and moved across the site. Extensive soil analytical data for the Main Facility Area demonstrates that environmental impacts (specifically metals and PAHs) appear disperse and are not limited to single point sources, but appear to be consistent with multiple overlapping sources found throughout the Main Facility Area. Planned remedial activity consisting of deed notice and engineering control is also consistent with this disperse impact to limit direct contact to impacted soil.

As indicated in this report, historic TPHC source areas including the Quench Oil Tanks near former Building #14 and historic releases near Buildings #12, #13, and #104 have largely attenuated in soil. The few remaining TPHC impacts which do not represent potential continuing source to groundwater impacts are planned to be capped to prevent direct contact. At one location, where TPHC concentrations exceed 200,000 mg/kg (in the Drywell (AOC-50-5), as discussed in Section 6.4.2), the sediments will be removed and any residual impacts will be addressed with a deed notice and engineering controls as necessary to prevent direct contact with potentially impacted soil.

PCB impacts identified at the site appear to be related to localized releases in the northeastern portion of the Main Facility Area, at the current transformer yard, the former transformer yard (AOC 1), and at the southernmost portions of the Main Facility Area. Proposed remedial actions for these impacts include a deed notice with engineering control as well as limited excavations for PCBs where concentrations exceed 10 mg/kg in soil. These proposed remedial actions are consistent with NJDEP

and Toxic Substance Control Act regulations and will prevent direct contact with potentially impacted soil.

As previously indicated, CVOC impacts in excess of impact to groundwater soil cleanup criteria do not appear to be a continuing source of impact to groundwater. To address residual soil impacts of CVOC that remain in excess of direct contact soil cleanup criteria, a limited hot spot excavation, and deed notices and engineering controls will be implemented as necessary to limit the potential for direct contact of impacted soil.

Overall, the proposed remedial actions are consistent with the planned future commercial/industrial use of the site and will prevent and/or limit direct contact with potentially impacted soil within the Main Facility Area.

6.4 Remedial Action Selection Report

As explained in previous sections, the investigation of the former IR property is based on a combination of area-wide sampling coupled with area-specific sampling. In general, grid sampling was conducted in areas where multiple or overlapping AOCs existed or are believed to have existed and specific sampling was conducted in definable AOCs. As documented in Section 5.0, soil impacts identified in the Main Facility Area consist of TPHC, VOCs, PAHs, PCBs, and various metals. Several specific and area wide concerns have been identified in the Main Facility Area for which remedial action is appropriate. Previous sections of this report describe the nature and extent of the investigations conducted and the results of analysis of soil samples collected, specifically identifying areas and/or concerns that require further action. This section describes and evaluates potential alternative remedial actions to address each concern and identifies the remedial action proposed for each area. In accordance with the New Jersey Technical Requirements (N.J.A.C. 7:26E), the various remedial action alternatives were evaluated on the basis of cost, effectiveness, implementability and community benefit.

6.4.1 Drywell (AOC-50-5)

A subsurface structure located in an asphalt-paved area between Buildings #16 and #17B (see Figure 10) was investigated as a possible source of soil or groundwater impacts. This structure is referred to as a Cesspool on historic facility maps, implying that the structure may have received wastewater and or stormwater. However, inspection of the structure indicates that the structure may be more accurately described as a Drywell which receives surface runoff from surrounding paved areas. Therefore, the term Drywell is used herein to describe the structure.

The structure consists of an approximately 4-ft by 5-ft rectangular solid concrete-walled subsurface structure with steel grating at surface grade. The metal grating allows storm water to enter the Drywell. The depth to water in the structure was measured at approximately 10 ft bgs in May 2005. No

standing water was observed in June 2005. Depth to sediment was measured at approximately 16 ft bgs in May 2005. Borings advanced through the sediment inside the Drywell encountered no solid (constructed) bottom to the structure (See Appendix A for boring logs). Thus, water accumulating in the Drywell is believed to exit by infiltration into the soil through the bottomless Drywell.

Four steel pipes varying in size from approximately two to four inches in diameter were observed entering through the walls of the structure at an elevation of less than two ft bgs. Each of the pipes sloped toward the Drywell suggesting that surrounding catch basins (if connected to the pipes) eventually discharge to the Drywell. Since the Drywell was partially filled with debris and sediment, a thorough inspection of the interior walls and potential piping entering/exiting at deeper depths could not be performed.

As described in Section 5, approximately 12 soil borings were installed in and around the Drywell. Sample locations and analytical results are provided on Figures 4 through 8 and Tables 4 through 8.

The constituents of concern in the Drywell area consist of TPHC, PCB, and metals. Based upon the locations and concentrations of the constituents of concern, four remedial options were evaluated: (1) removal of water and sediment and a deed notice with engineering controls, (2) limited "hot spot" excavation, removal of water and sediment, and a deed notice with engineering controls, (3) in-situ treatment/immobilization, (4) complete excavation and disposal, and (5) surfactant flushing. Table A provides a summary and comparison of the evaluation conducted.

Table A – Summary Evaluation of Alternative Remedial Actions for the Drywell

Remedial Action	Cost	Short-Term Effectiveness	Implementability	Community Benefit
Water and sediment removal and deed notice w/ engineering controls.	Low	Medium	High	Medium
Limited "hot spot" excavation, water and sediment removal, and deed notice w/ engineering controls.	Medium	High	Medium	High
In-situ treatment/immobilization	High	Low-Medium	Low	High
Complete excavation and disposal.	High	High	Low	High
Surfactant flushing	High	Medium	Low	Low-Medium

Based upon an evaluation of these technologies, the preferred alternative was determined to be water and sediment removal supplemented by a site-wide deed notice and engineering controls where impacts remain in excess of the Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC). This alternative is the most cost-effective and implementable with reasonable benefit to the community.

Upon removal of the water and sediment, the Drywell will be inspected to determine more precisely the depth and construction details (i.e. size, construction material, location, slope, and direction of travel) of the piping found to be entering and/or exiting the Drywell. Additional investigation will be performed, as appropriate, in accordance with the New Jersey Technical Requirements for Site Remediation. These investigatory activities are discussed in greater detail in Section 6.5 of this report.

6.4.2 Cesspools (AOC-50-6 and AOC-50-7)

Two additional subsurface structures referred to as Cesspools on historic facility maps were investigated at the facility. As shown on Figure 10, the two potential Cesspools are located east of Building #17B, approximately 30 ft apart in an open, paved area. Coordinates from historic facility maps were used to identify the approximate location of the Cesspools in the field using GPS. A field reconnaissance in the area was undertaken to locate the Cesspools shown on the maps. Two structures were found to be present in the vicinity of the GPS coordinates obtained from the historic maps. Since no other drainage structures were observed at the ground surface in the area, these structures are most likely the structures identified as Cesspools on the historic maps. (For the sake of simplicity, these structures will be termed Cesspools in this report, even though their purpose has not been confirmed.)

The Cesspools are of similar construction with a steel grate open inlet at surface grade. The structures are approximately 2 ft square, approximately 6 ft deep with side-walls constructed of brick. The Cesspools were partially filled with debris and sediment, therefore a full inspection of the interior walls and bottom could not be conducted.

Upon removal of sediment (discussed below), these structures will be further investigated to aid in determining their configuration and use, including identifying piping that may be entering or exiting the structures. Additional investigation will be performed, as appropriate, in accordance with the New Jersey Technical Requirements for Site Remediation. These investigatory activities are discussed in greater detail in the Section 6.5 of this report.

Figures 4 through 8 show the locations where soil and sediment borings were installed and soil and sediment samples were collected. Analytical results from these samples are summarized on these same figures and provided in detail in Tables 4 through 8.

Concentrations of TPHC, PCB, and metals in the sediment samples from the Cesspools exceed the NRDCSCC. However, data from soil samples collected in the immediate vicinity (within two feet) of the

Cesspools show the constituent concentrations to be below the NRDCSCC for all parameters except arsenic (although arsenic has been detected at low levels in many areas of the facility).

Based on the locations and concentrations of impact, two remedial alternatives were evaluated: (1) removal of water and sediment and a deed notice with engineering controls, and (2) excavation and removal of water and sediment from the structure. Table B summarizes the evaluation parameters and relative level of cost, effectiveness, implementability, and benefit to the surrounding community.

Table B – Summary Evaluation of Alternative Remedial Actions for the Cesspools

Remedial Action	Cost	Short-Term Effectiveness	Implementability	Community Benefit
Water and sediment removal and deed notice w/ engineering controls.	Low	High	High	Medium
Removal and disposal.	Medium	High	Medium	High

Based on an evaluation of these technologies, it was determined that water and sediment removal and a deed notice with engineering controls is the most cost-effective and implementable solution, maintaining a high degree of remedial effectiveness as well as a moderate community benefit.

6.4.3 Transformer Area (AOC-49-76)

As shown on Figure 10, the Main Transformer Substation (AOC 49-76) is located on the east side of the Main Facility Area, north of the Spray Pond. The Main Transformer Substation consists of an approximately 14,000-square foot plot that is surfaced with gravel and surrounded by fencing. Grass is maintained around the perimeter, outside the fence.

As described in Section 5, eight soil borings were advanced and sampled in the Transformer Area. Sample locations and analytical results are provided on Figure 7 and Table 7. PCBs were the only constituents of concern in this area.

Based on the locations and concentrations of PCBs, two remedial alternatives were evaluated: (1) excavation and disposal, and (2) deed notice and engineering controls. Table C summarizes the evaluation

Table C – Summary Evaluation of Alternative Remedial Actions for the Transformer Substation

Remedial Action	Cost	Short-Term Effectiveness	Implementability	Community Benefit
Deed notice w/ engineering Controls.	Low	High	High	High
Excavation and disposal.	Medium	High	Low	High

Based on an evaluation of these alternatives, it was determined that a site-wide deed notice and engineering controls where impacts remain in excess of the NRDCSCC is the preferred alternative. This alternative is the most cost-effective and implementable approach, while maintaining a high degree of remedial effectiveness as well as the greatest community benefit.

6.4.4 Courtyard (AOC 10/12)

As shown on Figure 10, the Courtyard is bordered by Building #15 to the north, Building #7 to the west, Building #8 to the south, and Buildings #12, #13, #16 and #19 to the east. Sample locations and analytical results from borings in this area are provided on Figures 4 through 8 and Tables 4 through 8. The following two (2) AOCs in the Courtyard are addressed in this section:

- AOC 10 (Former Heat Treat Building #14): soil exhibits PCE, TCE, and various metals above the NRDCSCC[9]; and,

- AOC 12 (Former Quench Oil USTs): soil exhibits TPHC and PAHs above the NRDCSCC.

The primary constituents of concerns in soil in the Courtyard Area include various metals, VOCs, TPHC, and PAHs. Figures 11 and 12 provide enlarged views of the Courtyard Area with respect to VOCs and TPHC, respectively. These figures provide a visual interpretation of the level of impacts in the area. Specifically, sample locations are keyed to the legend, where: magenta circles indicate that one or more compounds were detected above the MSSCC, light blue circles indicate that no parameters exceed the MSSCC, and empty circles indicate that the parameter was not analyzed. Note that no enlarged figures of the Courtyard Area presenting PAHs or metals are included (however, Figures 6 and 8, respectively, present this information on a site-wide basis). The PAH impacts in the Courtyard Area are wholly contained within the TPHC impacted area and will be addressed concurrently with the TPHC remedial action. Concentrations of metals are relatively low and

[9] Although NJDEP provided a Conditional No Further Action (NFA) determination for AOC-10 in an August 2, 2000 letter, remedial actions will be performed in this area as a conservative measure.

inconsistent throughout the area, and will be addressed via a site-wide deed notice and engineering controls.

6.4.4.1 VOCs

Analytical results from soil sampling in the Courtyard Area indicate that VOC concentrations (see Figure 5 and Table 5) are greater than the MSSCC along a portion of the western boundary of the Courtyard near Building #7.

The main subsurface utility in the area of VOC impacts consists of a utility subway which traverses the courtyard from north to south along the eastern edge of the Courtyard Area (see Figure 11 for the location of the subway). Although the depth to groundwater (approximately 60 ft bgs in bedrock, with top of bedrock between 10 and 30 ft bgs), and the level of groundwater impact do not warrant a utility investigation, a physical inspection along with vapor monitoring was performed in 2004 within this utility subway. Measurement of oxygen levels, lower explosive limits (LEL), and the presence of organic vapors were included in this evaluation; all field screening results were well within acceptable background levels, indicating a lack of vapor hazards in the subway.

Based on the locations and concentrations of impact, several remedial options were evaluated and include: (1) deed notice and engineering controls, (2) limited “hot spot” excavation with a deed notice and engineering controls, (3) excavation and disposal, (4) passive venting, and (5) soil vapor extraction (SVE). Table D summarizes the evaluation.

Table D – Summary Evaluation of Alternative Remedial Actions for the Courtyard Area (VOCs)

Remedial Action	Cost	Short-Term Effectiveness	Implementability	Community Benefit
Deed notice w/ engineering controls	Low	Medium	High	Medium
Limited “hot spot” excavation with deed notice and engineering controls	Medium	Medium-High	Medium	Medium-High
Excavation and disposal	High	High	Low	High
Passive venting system	Medium	Medium-High	High	Medium-High
Soil vapor extraction	Medium-High	High	Medium-High	High

Based on an evaluation of these technologies, it was determined that limited hot spot soil excavation with a deed notice and engineering controls would be the most cost-effective and implementable solution. This combination provides a moderate to high degree of remedial effectiveness and community benefit. This conservative remedial measure is proposed in order to remove a potential ongoing VOC source to groundwater impacts, despite the lack of vapor hazards in the utility subway.

6.4.4.2 TPHC and PAHs

Analytical results from soil sampling in the Courtyard Area indicate that TPHC and PAH concentrations (see Figures 4 and 6, and Tables 4 and 6) are above the applicable MSSCC in the southern portion of the Courtyard, in the vicinity of the former quench oil USTs. Based on the locations and concentrations of impact, three remedial options were evaluated: (1) deed notice and engineering controls, (2) excavation and disposal with deed notice and engineering controls, and (3) in-situ treatment/immobilization. Table E summarizes the evaluation.

Table E – Summary Evaluation of Alternative Remedial Actions for the Courtyard Area (TPHC/PAH)

Remedial Action	Cost	Short-Term Effectiveness	Implementability	Community Benefit
Deed notice w/ engineering controls.	Low	High	High	Medium
Excavation and disposal with deed notice and engineering controls.	Medium	High	Medium	High
In-situ treatment/immobilization	High	Medium	Low	Medium

Based on an evaluation of these technologies, it was determined that a site-wide deed notice and engineering controls where impacts remain in excess of the NRDCSCC is the most cost-effective and implementable solution while maintaining an acceptable degree of remedial effectiveness and community benefit.

6.4.5 Spray Pond Sediments (AOC-30)

As shown on Figure 10, the Spray Pond is located along the eastern boundary of the Main Facility Area. The Spray Pond is a concrete lined structure approximately 225 ft wide by 350 ft long that receives stormwater from a major portion of the entire facility; non-contact cooling water; and treated water from the LNAPL recovery and treatment system. Water from the Spray Pond was used for testing pumps manufactured at the facility. (See Section 3.0 for a more detailed description of the Spray Pond).

Sample locations and analytical results from borings and samples in this area are provided on Figures 4 through 8 and Tables 4 through 8. The data show that impacts in the sediment in the Spray Pond include TPHC, PAHs, PCBs, and metals. Based on the locations and concentrations of impact, several remedial options were evaluated: (1) no action with deed notices and engineering controls, and (2) dewatering, removal, on-site stabilization, and off-site disposal of the sediments. Table F, below, summarizes the evaluation.

Table F – Summary Evaluation of Alternative Remedial Actions for the Spray Pond Sediments

Remedial Action	Cost	Short-Term Effectiveness	Implementability	Community Benefit
Dewatering, sediment removal and disposal	Medium	High	Medium	High
Deed notice w/ engineering controls	Low	Medium	High	Low-Medium

Based on an evaluation of these alternatives, it was determined that Spray Pond dewatering, sediment removal, on-site stabilization and off-site disposal of the sediments is the preferred alternative. This alternative is cost-effective, reasonably implementable, very effective, and of benefit to the community.

6.4.6 Sporadic Low Level Impacts in Soil

As discussed in Section 5, various and discontinuous areas throughout the Main Facility Area, as follows:

- TPHC: Drywell, Cesspools, beneath Building #17B, Courtyard, east of Building #12, beneath the OWS Building, southwest of Building #24, and in the sediment in the Spray Pond;

- VOCs: Courtyard, beneath Building #16, and east of Building #12;

- BNs: Beneath Building #17B, Courtyard, east of Building #12, beneath the OWS Building, southwest of Building #24, south of Buildings #9, #10, and #11, near the former incinerators, and in the sediment in the Spray Pond;

- PCBs: Drywell, Cesspools, Transformer yard, east of Building #17B, of Building #12, south of Buildings #9, #10, and #11, and in the sediment in the Spray Pond.

Figure 10 presents a site overview, which also indicates the presence of soil exhibiting impacts with respect to the NRDCSCC. The dashed magenta line on Figure 10 represents the extent of the Main Facility Area. Supporting summary lab data and sample point identifiers are provided in Figures 4 through 8 and Tables 4 through 8. The constituents of concern include VOCs, PAHs, TPHC, PCBs, and select metals in soil at the Main Facility Area.

Based on the locations and concentrations of impact, three remedial options were evaluated: (1) deed notice and engineering controls, (2) excavation and disposal, and (3) in-situ treatment/immobilization. Table G summarizes the evaluation.

Table G – Summary Evaluation of Alternative Remedial Actions Site-Wide for Low Level Impacts

Remedial Action	Cost	Short-Term Effectiveness	Implementability	Community Benefit
Deed notice w/ engineering controls.	Medium	High	High	Medium
Excavation and disposal.	High	High	Low	Medium
In-situ treatment/immobilization	High	Low-Medium	Low	High

Based on an evaluation of these alternatives, it was determined that a site-wide deed notice and engineering controls where impacts remain in excess of the NRDCSCC would be the most cost-effective and implementable solution, while maintaining a high degree of remedial effectiveness as well as acceptable community benefit.

Figure 10 presents sample locations on a site-wide basis (including the Main Facility Area) in relation to NRDCSCC. The approximate extent of foundry sand-derived fill material is also presented on Figure 10. In this figure, soil samples which were collected between the ground surface and 2 ft bgs that exhibit concentrations of any parameter in excess of the NRDCSCC are represented by filled red circles, and require a cap. However, for many of these sample locations, engineering controls, i.e., a cap, already exists in the form of a concrete slab of an existing or former building foundation, concrete or asphalt roadways, sidewalks, and paved parking areas. In these existing capped areas, the only remedial action required is a deed notice and maintenance of the engineering control.

The empty red circles shown on Figure 10 represent sample locations at which soils between the ground surface and 2 ft bgs exhibit concentrations of any parameter less than the NRDCSCC. A filled red circle indicates that one or more sample parameters exceeded NRDCSCC within the top 2 ft of soil. The sample locations where samples collected greater than 2 ft bgs exhibit concentrations of any parameter in excess of the NRDCSCC are shown as solid blue circles. Empty blue circles represent samples collected at greater than the 2-ft depth that are less than the NRDCSCC for all sample parameters. Where deeper impacts exist and shallow soil is not impacted above NRDCSCC, the only remedial action required is a deed notice, and maintenance of the existing engineering control (cap).

6.5 Proposed Remedial Actions

6.5.1 Drywell (AOC-50-5)

The impacts in the Drywell area will be addressed via: removing any water and/or sediments that have collected inside the Drywell; filling the Drywell with inert material (such as clean soil, sand, or gravel) to near surface, and converting it into a catch basin by installing an impervious bottom and a discharge line connecting it to the existing stormwater system which discharges to the Spray Pond. The new catch basin and surrounding paved area will act as a cap. Additionally, this area will be included in the site-wide deed notice. It is estimated that less than three cubic yards of impacted sediment will be removed from the Drywell. Prior to removal activities, the storm water flow regime in the Drywell area (including surface topography and subsurface piping networks) will be evaluated to determine the optimal discharge location for the new catch basin once the Drywell is closed.

Once impacted material is removed from the Drywell, the internal condition and potential presence of piping therein will be evaluated. Additional investigation will be performed regarding the locations of the piping; sampling and analysis, or other appropriate actions will be evaluated and may be performed based upon field observations in accordance with the New Jersey Technical Requirements for Site Remediation.

A single monitoring well will be installed in the immediate vicinity of the Drywell to evaluate whether any impact to groundwater may have occurred as a result of its operation. Once source removal is complete, groundwater monitoring coupled with engineering and institutional controls will serve to be

protective of human health and the environment. A deed notice has been proposed for the entire Main Facility Area as detailed in Appendix B.

6.5.2 Cesspools (AOC-50-6 and AOC-50-7)

The impacts detected in the area of the structures referred to as Cesspools appears to be limited to the sediment observed inside the structures. It is anticipated that less than one cubic yard of material will be removed from within the Cesspools and disposed off-site in accordance with applicable regulations. Once all material is removed from each Cesspool, the internal condition and potential presence of piping therein will be evaluated. If piping is observed to be entering or exiting the Cesspools, additional investigation will be performed to evaluate the discharge locations and/or origin of the pipes; sampling and analysis, or other appropriate actions will be evaluated and may be performed based upon field observations in accordance with the New Jersey Technical Requirements for Site Remediation.

A deed notice has been proposed for the entire Main Facility Area as detailed in Appendix B.

6.5.3 Main Transformer Substation (AOC-49-76)

The PCB impacts in the Main Transformer Substation (AOC 49-76) will be addressed via institutional and engineering controls. Engineering controls are already in place in the Main Transformer Substation; it is enclosed by a secured gate and fencing to prevent unauthorized access. Capping is not necessary because PCBs have extremely low mobility in soils and do not pose a threat to groundwater. The proposed deed notice (Appendix B) constitutes the institutional controls. By restricting access to the area and controlling land use, this remedial action will be protective of human health and the environment.

6.5.4 Courtyard Area (AOC 10/12)

The following sections detail the proposed remedial actions for each parameter.

6.5.4.1 VOCs

Soil sampling and analysis revealed that concentrations of PCE and TCE greater than the MSSCC were detected along a portion of the western boundary of the Courtyard Area. Figure 11 presents a plan view of the sample locations, with magenta circles representing locations where VOCs were detected above the MSSCC, and light blue where results were below MSSCC. Analytical results are presented on the larger scale Figure 5, and are summarized in Table 5. Figures 13 and 14 present cross sections of the PCE and TCE in soil concentrations in the Courtyard Area keyed to Figure 11. The information shown on Figures 11, 13, and 14 demonstrates that the soil impacts are delineated in this area, and do not appear to be greater than 10 ft bgs.

An estimated 1,000 cubic yards of soil are impacted by PCE and/or TCE in excess of the MSSCC. The VOC-impacted soil is located beneath an existing cap constructed of concrete. The proposed remedial action for the chlorinated VOCs will include limited hot spot excavation, and disposal off-site of approximately 100 cubic yards of soil. This conservative remedial measure is proposed to remove a potential ongoing VOC source to groundwater impacts, despite the lack of vapor hazards in the utility subway. Figure 11 presents the estimated horizontal extent of the proposed excavation; the excavation will be extended to approximately 3 ft in depth. The target area will be excavated and backfilled with clean crushed stone. After excavation is complete, the ground surface will be restored to pre-existing grade with asphalt to create an impermeable surface as an engineering control. The deed notice (Appendix B) is part of the Main Facility Area administrative control to provide notice of confirmed impacts throughout the area and to provide an inspection and maintenance plan for the proposed engineering controls.

6.5.4.2 TPHC and PAHs

As described in Section 5, delineation of TPHC and PAH impacts have been substantially completed in the Courtyard Area. These impacts were detected above the MSSCC in the southern end of the Courtyard. Figure 12 presents a plan view of the sample locations, with magenta circles representing locations where TPHC was detected above the MSSCC, and light blue representing where results were below MSSCC. Analytical results are presented on the larger scale Figure 4, and are summarized in Table 4. Figures 15 and 16 present cross sections of the TPHC in soil in the Courtyard Area keyed to Figure 12. Figure 15 and 16 also show the estimated locations for top of weathered bedrock, top of competent bedrock, split-spoon refusal or top of competent bedrock depths, extent of TPHC impacts above the saturated soil, and the locations of the former USTs.

It is anticipated that a volume of approximately 1,500 cubic yards of soil is impacted by TPHC and PAHs in excess of the MSSCC.

The majority of TPHC and PAH impacts reside in and around the former tank graves for UST-A and UST-B (former quench oil tanks) in the southern end of the Courtyard Area, and extend northward toward the middle of the Courtyard. The estimated extent of impacts is presented on Figure 12 by a solid red line. This line represents the area where product-saturated soils have been identified. There is also an extensive utility network throughout the Courtyard Area, including the utility subways which run along the eastern boundary of the area which are presented on the figure. The structural integrity of all utilities due to their age, especially the utility subway, would be of primary concern during any potential excavation activities. Therefore, excavation was ruled out as a remedial alternative.

Although product-laden soils exist in this area, the product contained therein is strongly bound to soils, is not mobile and is considered “contained”. The immobility of the product is confirmed via observations collected during gauging activities of bedrock “sumps” installed within the former quench oil tank grave. Specifically, a total of five sumps were installed in and around the former tank grave in

September 2000. These sumps were installed though and around the product-saturated soils to act as sumps to recover product and for potential pilot testing activities. However, since their installation, no free product has been observed in them. The sumps (SVE-1 through SVE-5 [Well Permit Nos. 24-39626 through 24-39630]), were completed utilizing flush-mount manholes, with 4-inch diameter well riser, and screened with 0.010-inch slotted well screen from approximately 15.5 ft bgs to 25 ft bgs. Top of bedrock was encountered at 16 ft bgs to greater than 25 ft bgs. Most of the boreholes were extended several feet into bedrock to provide collection sumps for potential free product. The locations of the SVE sumps are identified on Figure 12. Recovery well RW-9 will remain in place and continue to be utilized to monitor groundwater conditions in the area.

The selected remedial action for TPHC and PAHs in the Main Facility Area includes the installation of engineering controls that will consist of one or a combination of: the current concrete slab and foundations of the former buildings, parking lots, sidewalks, and similar paved surfaces; and, supplemental concrete, asphalt cap, or filler material where existing materials are degraded. Proposed engineering controls are detailed in the attached draft deed notice (Appendix B). The deed notice will be placed over the Main Facility Area as an institutional control to provide notice of confirmed or likely impacts throughout the area and to provide an inspection and maintenance plan for the proposed engineering controls.

6.5.5 Spray Pond

Sediments within the Spray Pond were sampled (as presented on Figures 4 through 8 and Tables 4 through 8) and determined to contain levels of impact greater than the MSSCC. The remedial alternative selected involves dewatering the Spray Pond; stabilizing the sediments; and disposing of the sediments off-site. The dewatering of the Spray Pond will be completed utilizing submersible gasoline-powered trash pumps and all waters from the dewatering, diversion, and sediment stabilization operations will be discharged to the existing on-site Inverse Ponds to settle any suspended solids. The Spray Pond effluent is permitted under a New Jersey Permit Discharge Elimination System (NJPDES) permit. However, the proposed dewatering effort will be permitted in compliance with an approved General NJPDES permit and Soil Erosion and Sediment Control Plan.

Once the Spray Pond has been dewatered and all the sources of water to the Spray Pond have been diverted to the Inverse Ponds, the sediment will be stockpiled and staged within the Spray Pond utilizing a combination of rubber-tired backhoes and manual methods. Sediment will be treated within the Spray Pond with corn cob and/or saw dust to ultimately meet the standard paint-filter test for moisture content for transportation and disposal purposes.

The soils in the area surrounding the Spray Pond have been observed to contain low level impacts, requiring a remedial action. In addition, as site development activities continue, securing the Spray Pond area will become a higher priority for safety considerations. For these reasons, the entire Spray Pond area will be fenced, with locked gates located in areas where authorized access is required.

Figure 10 presents the proposed location of the fencing around the Spray Pond area. The fence will serve as an engineering control to prevent human exposure to the soils around the Spray Pond, and a deed notice will be placed over the entire Main Facility Area to provide notice of confirmed or likely impacts throughout the Main Facility Area. The deed notice will also provide a Soil Management Plan for potentially excavated fill materials, and provide an inspection and maintenance plan for the proposed engineering controls.

6.5.6 Sporadic Low Level Impacts in Soil

As described in Section 6.1, approximately 90% of the Main Facility Area is already capped with structural elements (e.g., existing and former building foundations, paved parking areas, and sidewalks) that constitute acceptable engineering controls (cap). Other areas will require either a cap or fence be installed to address the soil impacts in those locations. Figure 10 presents the proposed areas to be capped and fenced; areas where long strips of vegetated areas, large mature trees or small vegetated islands in parking or common areas exist; and areas where the soils are already capped. (Note that the dashed magenta line on Figure 10 represents the extent of the Main Facility Area, which is the only area addressed in this report.)

All impacted areas of the Main Facility Area either have an existing cap or will be capped with either soil or pavement, or fenced. Note that approximately 30 soil borings were installed, sampled, and analyzed in the northwestern portion of the Main Facility Area (outlined on Figure 10 with a blue dashed line); all results in this area were less than the NRDCSCC, including results for samples collected from the 0 to 2 feet bgs interval. Since foundry sand-derived fill material (which may contain sporadic impacts above the MSSCC) has been observed to be present in the northwestern area, the existing ground cover in this area (including asphalt, concrete, multiple building foundations, and landscaping/vegetation) shall serve as an adequate engineering control to prevent human exposure.

6.5.6.1 Proposed Cap Installation

Numerous existing land cover types are present throughout the Main Facility Area, including concrete, asphalt, gravel, and vegetation. Figure 17 provides specific details of the various types of caps to be installed with respect to the existing land cover types. Specific areas for which details are provided in Figure 17 include those where existing vegetation borders on existing curbs, buildings and paved areas, where long vegetated strips or mature trees are present, and other special circumstances. General details of the proposed concrete, asphalt and soil caps are provided in the Appendix B (Draft Deed Notice). The strategies for addressing currently-vegetated or gravel areas are described below.

- Large, currently-vegetated areas will be addressed by installing a 2 ft thick soil cap on top of the existing soil. As shown on Figure 17, appropriate measures will be taken to ensure a continuous cap where an existing cap abuts a vegetated area. Areas which are proposed to receive a soil cap are identified on the drawing referenced to the legend on Figure 10..

- In, around, and between areas where impermeable surfaces currently exist, and in certain smaller isolated areas, the cap will be constructed of asphalt or concrete. Where a proposed cap meets an adjacent existing cap, the proposed cap will be installed at an elevation to match the adjacent cap. Areas which are proposed to receive a paved cap are identified on the drawing referenced to the legend on Figure 10.

- In areas where long strips of vegetated areas, large mature trees or small vegetated islands in parking or common areas exist, no capping is proposed. These areas are identified on the drawing in solid green shading, as referenced to the legend on Figure 10. Due to the limited size of these vegetated strips, islands and mature-treed areas, and the nature of their construction and purpose, it is unlikely that those areas would be disturbed except for infrequent landscaping. Furthermore, any work in these areas would be addressed with the institutional controls (deed notice). The combination of the healthy and dense vegetated surface in these areas, the extensive root systems of the mature trees and shrubs, and the presence of topsoil represents an adequate cap to minimize the potential for human exposure. In addition, these small areas are not expected to be heavily trafficked, nor inhabited for long periods of time, during routine landscaping, vehicle parking, driving, and loading, reducing the exposure pathway and duration significantly. The frequency of a landscaper's exposure is expected to be only a few times a year, much lower than the exposure frequency of 250 days/year typically used to derive non-residential soil standards. Examples of these areas exist in the large parking lot (consisting of asphalt-paved parking, long grassy areas, and small vegetated islands) to the north of the Courtyard Area, where a building slab also exists beneath the existing land cover. (According to historical maps, this building slab exists beneath the entire parking lot, including the vegetated strips and islands.) These landscaped areas have also been filled with topsoil and/or mulch to allow for permanent landscape vegetation. Figure 10 includes identifiers where photographs of such areas were taken, and Appendix F presents the Photo Plates. Sheet 2 of Figure 17 presents a typical cross sectional detail of a small vegetated island within a parking area, keyed to Figure 10.

Note that some volume of existing soil or gravel may require removal or relocation to allow for adequate storm water drainage once the cap is installed. Any minor excess excavated materials (e.g. from along a toed-in area where existing and proposed caps meet) will be utilized in re-contoured areas in the vicinity of the excavation area to be capped.

6.6 Summary of Proposed Remedial Actions

A summary of the proposed remedial actions is as follows:

- **Entire Main Facility Area** - Place a deed notice as an institutional control to inform property owners of the confirmed or likely presence of impacts throughout the area.

- **Drywell (AOC-50-5)** – Remove water and/or sediments that have collected inside the Drywell. Inspect and investigate pipes entering and exiting the structure. Fill the Drywell with inert material to near surface, and convert it into a catch basin by installing an impervious bottom and a discharge line connecting to the existing stormwater system. The new catch basin and surrounding paved area will act as a cap.

- **Cesspools (AOC-50-6 and AOC-50-7)** – Excavate and dispose of off-site the sediment contained in the Cesspools. Inspect and investigate pipes entering and exiting the structures. The Cesspool structures and surrounding pavement act as a cap.

- **Main Transformer Substation (AOC-49-76)** – Maintain the secured, gated fencing around the perimeter as an engineering control.

- **Courtyard Area (AOC-10/12)** – With respect to VOCs, excavate limited hot spots, dispose off-site, backfill, pave, and deed notice as an administrative control. With respect to TPHC/PAH, utilize engineering controls (a cap) consisting of one or a combination of: the current concrete slab and foundations of the former buildings, parking lots, sidewalks, and similar paved surfaces; and, supplemental concrete, asphalt cap, or filler material where existing materials are degraded.

- **Spray Pond (AOC-30)** – Dewater, remove sediment, stabilize sediment on site, dispose of treated sediments off-site, and install and maintain perimeter fencing as an engineering control.

- **Other areas of sporadic low-level impacts** - Except for the northwest portion of the Main Facility Area, augment existing remnant concrete slabs and building foundations, paved parking areas and sidewalks by filling in small unpaved areas with concrete or asphalt paving to form a more complete cap. For large grassy areas, provide a cap of two-foot cover of clean soil and revegetate. For smaller, isolated, heavily vegetated landscaped areas, no action is required. The existing vegetation is suitable to prevent direct contact. No remedial action is proposed for the northwest portion of the Main Facility Area because this area does not have soil constituents exceeding NRDCSCC.

6.7 Post Remedial Plans

Post-remedial monitoring of the engineering controls will consist of yearly inspections and biennial certifications.

6.8 Quality Assurance /Quality Control Planning

A formal QA/QC plan is being developed and will be maintained on-site when complete.

6.9 Soil Erosion and Sediment Control Plans

Since soil disturbance activities are anticipated to disturb more than 5,000 square feet, a Soil Erosion and Sediment Control Plan (SESCP) will be required for the multiple areas to be addressed as part of the RAW. Upon approval of the RAW by NJDEP, a SESCP application will be submitted to the Warren County Soil Conservation District.

6.10 Site-Specific Health and Safety Plan

In accordance with the requirements of N.J.A.C. 7:26E-1.9 and the Occupational Safety and Health Administration (OSHA) Hazardous Waste Operation and Emergency Response Standard (29 CFR 1910.120), the existing site-specific Health and Safety Plan (HASP) will be modified as appropriate prior to the initiation of any field activities. The site-specific HASP will contain the following information:

- Site Background and History;
- Scope of Field Activities;
- Chemical and Physical Hazard Assessment;
- Air Monitoring Requirements;
- Personal Protective Equipment Requirements;
- Site Control and Decontamination Procedures; and
- Training and Medical Monitoring Requirements.

All individuals working at or visiting the work areas of the site will be subject to the applicable provisions of the HASP.

6.11 Site Restoration Plan

In areas where new asphalt or concrete caps are proposed, clean fill may be imported to backfill to within one foot of the top of surrounding pavement. Six inches of compacted gravel will be used as sub base for six inches of concrete and/or asphalt that will be used to restore or enhance the existing pavement. Areas which are proposed to receive a soil cap only will receive as much clean fill as required (up to 2-ft thickness of clean fill), and be revegetated to prevent soil erosion. Where other engineering controls are implemented, these areas will be restored to pre-existing conditions where applicable, including, but not limited to the restoration of concrete or asphalt. Details of each type of cap are in Appendix B (Draft Deed Notice).

6.12 Permits and Approvals

Prior to the implementation of the RAW any required local, State, or Federal permits will be obtained. Specifically, the following permits may be required: SESCP, and Treatment Works Approval (TWA [for the New Conveyance System at the Spray Pond]).

6.13 Proposed Costs

Costs for proposed continued remedial activities are summarized in Table H below.

Table H – Proposed Remedial Costs

REMEDIAL ACTIVITIES	ESTIMATED COST
Capital Costs (imported fill)	$266,000
Operation & Maintenance Costs (per year)	$5,000
Monitoring System Costs	N/A
Laboratory Costs	$9,000
Engineering, Legal, Administrative and Field Labor Costs*	$692,190
Disposal Costs	$293,100
Contingency Cost (15%)	$189,045
Remedial Costs Incurred to Date	See Table I
TOTAL ESTIMATED COST	$1,454,335

* - Includes subcontract costs.

N/A - Not applicable

6.14 Total Costs to Date

Remedial activities have been conducted at this site since at least the mid-1980s. Costs to date have exceeded several million dollars. Costs incurred for continued remedial activities are summarized in Table I, below.

Table I – Total Costs to Date

REMEDIAL ACTIVITIES	2004	1st Q 2005	Through March 2005
Capital Costs	$25,000	$50,000	$50,000
Mobilization	$33,000	$45,000	$45,000
Consulting and Labor*	$697,000	$375,000	$375,000
Analytical	$75,000	$80,000	$80,000
Sample Collection	Included in Consulting and Labor		
Disposal	$300	$5000	$5000

* - Includes subcontract costs.

6.15 Schedule

Work will commence upon receipt of NJDEP approval. The schedule is as follows:

- Submission of Draft Deed Notice – July 2005
- Evaluate storm water flow regime and remove fluids and sediments (Cesspools and Drywell)– July/August 2005;
- Spray Pond sediment removal – July/August 2005;
- Courtyard VOC hot spot excavation – July/August 2005;
- Repair of concrete slabs, concrete/asphalt/soil capping – 2006;
- Implementation of remaining remedial measures – 2006;
- Preparation and submittal of final Remedial Action Report and Deed Notice – Early 2006.

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TABLES

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Main Facility Area SI/RI/RAW
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AOC	DESCRIPTION	CONTAMINANTS OF CONCERN	LOCATION	NFA STATUS	REFERENCE	PROPOSED ACTIVITIES
AOC- 1	Transformer (removed) East End Building #12	TPHC and PCB	SE corner Building #12	--	SI Sampling of TPHC and PCB reported in October 23, 1997 AOC-1 Field Sampling Summary Report	Delineation Sampling (Completed) and Deed Notice.
AOC-3c	Former Chip Storage Area- West of Building #91	PAHs, PCBs, Arsenic, Copper, and Lead	West of Building #91	--	SI Completed, Delineation soil sampling required	Delineation Sampling (Completed) and Deed Notice.
AOC-3d	Former Chip Storage Area- South of Building #55	PAHs, PCBs, Arsenic, Copper, and Lead	South of Building #55	--	SI Completed, Delineation soil sampling required	Delineation Sampling (Completed) and Deed Notice.
AOC-3e	Former Chip Storage Area- West Building #17b	PCB, Metals, Base Neutrals, TPHC	West Building #17b	--	NJDEP October 18, 1994 letter	Investigate (Completed), Deed Notice
AOC-7	Three UST's (Fuel Oil) - Building #13 (Abandon In-place)	No Exceedances of Applicable Criteria	Building #13	NFA Granted	NJDEP January 23, 1997 letter	NFA proposed in October 1996 UST Closure Report.
AOC-9	10,000 Gallon UST (Diesel Oil) - East of Building #12 (Abandon In-place - 1983)	No Exceedances of Applicable Criteria	East of Building #12	NFA Granted	NJDEP January 23, 1997 letter	NFA proposed in October 1996 UST Closure Report.
AOC-10	Building #14 - Former Heat Treat Building	PCE , TCE, Arsenic, Beryllium, Lead, and Thallium	Building #14	NFA Conditionally Granted	NJDEP August 2, 2000 letter	NFA proposed in February 2000 RI Report. NFA requires incorporation into Deed Notice.
AOC-11	One 10,000 Gallon UST - (Methanol) South of Building #14 (demolished)	No Exceedances of Applicable Criteria	South of Building #14	NFA Granted	NJDEP August 2, 2000 letter	NFA proposed in February 2000 RI Report.
AOC-12	Two 10,000 Gallon UST's (Quenching Oil) - South of Building #14 (demolished)	TPHC, PAHs, and Beryllium	South of Building #14	--	February 2000 RI Report	Additional soil investigation including soi delineation (Completed) and possible LNAPL recovery,
AOC-13	One 500 Gallon UST (Gasoline) South of Building #14 (assumed removed could not locate)	N/A - Tank never located, assumed to have been removed.	South of Building #14	NFA Granted	NJDEP January 23, 1997 letter	NFA proposed in October 1996 UST Closure Report.
AOC-14	One 500 Gallon UST (Benzene) North of Building #14 (assumed removed - could not locate)	No Exceedances of Applicable Criteria	North of Building #14	NFA Granted	NJDEP January 23, 1997 letter	NFA proposed in October 1996 UST Closure Report.
AOC-15	Two 1000 Gallon UST's (Diesel &Lube Oil)	No Exceedances of Applicable Criteria	North of Building #8	NFA Granted	NJDEP January 23, 1997 letter	NFA proposed in October 1996 UST Closure Report.
AOC-16	Building #17 - Former Drill Manufacturing Building	No Sampling has been conducted to date	Building #17	--	June 1994 Draft RI Workplan	Sample grid and delineate as necessary (Completed), Incorporate into Deed Notice if warranted.
AOC-19	1500 Gallon Waste Oil Tank- Building #12 air Trappage Tank	TPHC, PCE, PAHs, Arsenic, and Copper	Building #12	--	June 1994 Draft RI Workplan	Review existing data conduct sampling (Completed), include in Deed Notice
AOC-20	5000 Gallon Waste Oil Tank in Building #12	No sampling required under ISRA	Building #12	NFA Granted	NJDEP October 18, 1994 letter	NFA proposed in June 1994 Draft RI Workplan.
AOC-21	1750 Gallon AST Waste Coolant Tank South of Building #9	No sampling required under ISRA	South of Building #9	NFA Granted	NJDEP October 18, 1994 letter	NFA proposed in June 1994 Draft RI Workplan.
AOC-22	600 Gallon AST - Brill Skimmer	No sampling required under ISRA	North of the Spray Pond, SW of the Transformer Yard	NFA Granted	NJDEP March 28, 1995 letter	NFA proposed in June 1994 Draft RI Workplan.
AOC-23	Incinerator Site (1976-74) - South End of Spray Pond	PAHs, Copper, and Nickel	South End of Spray Pond	--	ENSR September 2002 AOC-23, 33, & 34 Site Investigation Report; NJDEP December 19, 2002 Letter	Conduct RI sampling (Completed), Deed Notice
AOC-24	One 2000 Gallon Process Tank - Building #12	No sampling required under ISRA	Building #12	NFA Granted	NJDEP October 18, 1994 letter	NFA proposed in June 1994 Draft RI Workplan.
AOC-25	Two 10,000 Gallon UST's - Southwest Building #17 (certified & removed)	No sampling required under ISRA	Southwest Building #17	NFA Granted	NJDEP October 18, 1994 letter	NFA proposed in June 1994 Draft RI Workplan.
AOC-27	Hazardous Waste Storage Shed - East Building #12	No sampling required under ISRA	East Building #12	NFA Granted	NJDEP October 18, 1994 letter	NFA proposed in June 1994 Draft RI Workplan.
AOC-28	Ultrafilter in Building #12	No sampling required under ISRA	Building #12	NFA Granted	NJDEP October 18, 1994 letter	NFA proposed in June 1994 Draft RI Workplan.
AOC-30	Sludge in bottom of Spray Pond	TPHC, PAHs, PCBs, Arsenic, Copper, Lead, Mercury, Nickel, and Zinc	Bottom of Spray Pond	requested	IDP Letter to NJDEP dated December 20, 1999; April 1996 Field Sampling Summary Report AOC-30	Sludge removal as part of routine maintenance
AOC-34	Incinerator - West Corner of Building #22	PAHs	West Corner of Building #22	--	ENSR September 2002 AOC-23, 33, & 34 Site Investigation Report; NJDEP December 19, 2002 Letter	RI Activities (Completed), Deed Notice
AOC-35	1000 Gallon UST (Diesel Oil) Tank - East of Building #12 (removed)	No Current Exceedances of Applicable Criteria	East of Building #12	NFA Granted	NJDEP April 11, 2000 Letter	NFA proposed in August 1995 RI/RA Report and July 13 1998 letter to NJDEP.
AOC- 38	Buried No. 2 & 6 Fuel Oil Pipelines	TPHC	NE of Building #12 including Building #104 and continuing off Lot 7.03	NFA Granted	NJDEP April 11, 2000 Letter.	NFA proposed in the July 1995 Status of the RI/Remedial Action on the Buried No. 2 and No. 6 Fuel Oil Lines and the August 1995 Report of Soil Investigation at AOC-28 and AOC-35.
AOC- 39	Scrap Pad - South Building #24	TPHC and PAHs	South Building #24	--	IDP Letter to NJDEP dated October 27, 1997	Conduct RI sampling (Completed), Deed Notice
AOC- 40	Concrete Structure near former Rock Drill Building	No Current Exceedances of Applicable Criteria	Near former Rock Drill Building	Requested	IDP's October 1999 letter to NJDEP	NFA Proposed in the October 1999 Progress Report.
AOC-41	Spill at Separator Building	TPHC	Separator Building #104	--	June 2000 Progress Report and Report of Spill at Separator Building #104	Conduct RI sampling (Completed), Deed Notice or excavate.
AOC-45	Pits in Building #16	2003/2004 sampling indicated chlorinated organics and metals.	Building #16	--	Identified in internal memorandum Re: Regulatory Applicability of potential tenant Blue Ridge Steel	Collect SI Samples per Tech Regulations (Completed). Based on results, a well was also installed.
AOC-46-2 (Coal Storage Area)	Coal Bin	Coal	Drill Building #14: E. side Building #14	--	Oct. 2004 Site History Report (1905 FIA map)	Deed Notice
AOC-46-6 (Coal Storage Area)	Loading/Transfer: Coal Crusher Pit #3 (possible)	Coal, coal residue	General Building #12 (outside): Midpoint is 16' SE from NE corner of Building #12; 60' SE from NE corner of Building #12A	--	Oct. 2004 Site History Report (1919 #111179)	Deed Notice
AOC-46-7 (Coal Storage Area)	Interior Storage: Coal bunker (suspended)	Coal, coal residue	General Building #12: Above boilers in Main Building #12	--	Oct. 2004 Site History Report (1903 #11861(rev 1916) & 1914 #48529 & 1919 #111179)	Deed Notice

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AOC-46-8 (Coal Storage Area)	Loading/Transfer: Coal crusher pit #1 (hopper and crusher)	Coal, coal residue	General Building #12: Below Ash Bin, Underground NE corner	--	Oct. 2004 Site History Report (1903 #11861(rev 1916); 1919 #110407;1914 #48529)	Deed Notice
AOC-46-9 (Coal Storage Area)	Loading/Transfer: Coal crusher Pit #2	Coal, coal residue	General Building #12: Under tracks, Basement level. From NE corner of Building #12A walk 29' 3 1/2 inches to wall of Building #12.	--	Oct. 2004 Site History Report (1919 #110407 & 1919 #111180)	Deed Notice
AOC-46-10 (Coal Storage Area)	Interior Storage: Coal Shed (Building #12B)	Coal	General Building #12B: Built against 12A,12,12C,RR tracks run into it	--	Oct. 2004 Site History Report (FIA Plan 1933 698 & 1958 MD 2367;1960 FIA Plan 698D.60.1)	Deed Notice
AOC-47-1 (X-Ray Equipment)	Building #20 1st floor X-ray	radiation	Drill Building #20: Room 110 Northern side of 1st floor	--	Oct. 2004 Site History Report (1975 [1976rev] MD-3167-4)	Deed Notice
AOC-47-2 (X-Ray Equipment)	Building #27 X-ray room (surmised)	radiation	General Building #27: 1st floor (western end)	--	Oct. 2004 Site History Report (An untitled, unnumbered and undated document showing an x-ray area in the dispensary. The location was surmised to be Building #27)	Deed Notice
AOC-49-8 (Transformer Location)	3 Transformers	--	Compressor: Courtyard between Buildings #7 and #14: measured from NE corner of area: 25' SE of NE corner Building #7E; 110' NW of SW corner Building #12E; 35' SE of shared corner of 7 and 14B	--	Oct. 2004 Site History Report (Map#698-D (1960)	Deed Notice
AOC-49-9 (Transformer Location)	3 Transformers	--	Compressor/Turbo Pad Outside Building #8:(3) North side of Building #8 in subway near NE end of Building #8	--	Oct. 2004 Site History Report (FIA April 6, 1933 #698)	Deed Notice
AOC-49-12a (Transformer Location)	"Auto Transformer"	--	Compressor/Turbo Pad Outside Building #8: located 16' W of Building #8 Lean-to & 24' N of Building #8 W wall	--	Oct. 2004 Site History Report (Area East & North of Addition to Building #8 6-5-57 MD 2194)	Deed Notice
AOC-49-12b (Transformer Location)	Transformers	--	Compressor/Turbo Pad Outside Building #8: located 17' N of Building #8 W wall 24' W of Building #8 lean-to	--	Oct. 2004 Site History Report (Area East & North of Addition to Building #8 6-5-57 MD 2194)	Deed Notice
AOC-49-12c (Transformer Location)	2 Scott Transformers	--	Compressor/Turbo Pad Outside Building #8: located outside 18' W of Building #8 lean-to & 16' N of Building #8 W wall	--	Oct. 2004 Site History Report (Area East & North of Addition to Building #8 6-5-57 MD 2194)	Deed Notice
AOC-49-13 (Transformer Location)	Transformer east of wall of Building #10	No Exceedances of Applicable Criteria	Compressor/Turbo: Along E wall of Building #10, 85' from SE corner; 400' SW of SE corner Building #25; 130' NE of SW corner Building #10	--	Oct. 2004 Site History Report (6/11/71 MD2795 Sub 6; 5/2/73 MD 2789-B)	Site Investigation Sampling, Delineation, Deed Notice
AOC-49-14 (Transformer Location)	Transformer east side of #9 shop	No Exceedances of Applicable Criteria	Compressor/Turbo: 7.5' east of #9 shop	--	Oct. 2004 Site History Report (3/11/54 Main Feeders Compressor Division)	Site Investigation Sampling, Delineation, Deed Notice
AOC-49-16 (Transformer Location)	Transformers	--	Compressor/Turbo Building #9: Near center of northern 1/3 of Building #9 (section 1)	--	Oct. 2004 Site History Report (General Site Plan-not labeled (assumed 1990s))	Deed Notice
AOC-49-17 (Transformer Location)	Transformer to west in Building #25	--	Compressor/Turbo: West side of the wall inside Building #25	--	Oct. 2004 Site History Report (7/14/56 High Voltage Test Circuits #8 shop test floor)	Deed Notice
AOC-49-20 (Transformer Location)	Substation 32 with transformer and oil switch	No Exceedances of Applicable Criteria	Compressor/Turbo Outdoor Area: approximately 5' north of Building #11, possibly south of Building #32 and west of Building #7A	--	Oct. 2004 Site History Report (12/29/70 MD3459 Sub 32 and 15B)	Site Investigation Sampling, Delineation, Deed Notice
AOC-49-22 (Transformer Location)	Transformer with oil switch (existing)	--	Drill: 1' 6" to the NE of Building #13	--	Oct. 2004 Site History Report (5/2/73 MD 2794 Sub 1 details; 5/2/73 MD 2789-B)	Deed Notice
AOC-49-23 (Transformer Location)	Transformer 10' North of Building #13 (existing)	--	Drill: inside Building #13; 340' NE of SW corner 13 (S add); 350' SE of Building #14 NE corner; 175' SW of SW corner Building #63	--	Oct. 2004 Site History Report (5/1/73 MD 3445 Sub 33; 5/2/73 MD 2789-B)	Deed Notice
AOC-49-24 (Transformer Location)	Transformer in Sub 9 (existing)	--	Drill Building #14 extension: 100' S of S wall of Building #14 from SE corner 14; 125' from E junction of Building #7 and #8	--	Oct. 2004 Site History Report (5/2/73 MD 2796 Sub 9, 17A; 5/2/73 MD 2789-B)	Deed Notice
AOC-49-25 (Transformer Location)	1 transformer with oil switch in Substation 30 (existing)	--	Drill: 75' N of W junction of Buildings #7 and #8; 125 NE of NW corner of Building #8; 325' SW of Building #14 NW corner	--	Oct. 2004 Site History Report (5/2/73 MD 2799 Sub 30; 5/2/73 MD 2789-B)	Deed Notice
AOC-49-27 (Transformer Location)	5 Transformers	--	Compressor/Turbo Pad Outside Building #7: 5 on roof of Building #7E (paint room)	--	Oct. 2004 Site History Report (FIA April 6, 1933 #698; 1960 FIA 698-D)	Deed Notice
AOC-49-28a (Transformer Location)	Transformer in Building #17 B10 C6 (existing)	--	Drill: Building #17 B10 C6	--	Oct. 2004 Site History Report (6/18/79 MD 3308 Building #17)	Deed Notice
AOC-49-28b (Transformer Location)	Transformer Building #17 B11 C1 (existing)	--	Drill: Building #17 B11 C1	--	Oct. 2004 Site History Report (6/18/79 MD 3308 Building #17)	Deed Notice
AOC-49-28c (Transformer Location)	Transformer in Building #17 B10 C6 (existing)	--	Drill: Building #17 B11 C6	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28d (Transformer Location)	Transformer in Building #17 B11 C1 (existing)	--	Drill: Building #17 B11 C1	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28e (Transformer Location)	2 Transformers in Building #17 B11 C11 (existing)	--	Drill: Building #17 B11 C11	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28f (Transformer Location)	2 Transformers in Building #17 B11 C11(existing)	--	Drill: Building #17 B11 C11	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28g (Transformer Location)	Transformer Building #17 B11 C5 (existing)	--	Drill: Building #17 B11 C5	--	Oct. 2004 Site History Report (6/18/79 MD 3308 Building #17)	Deed Notice
AOC-49-28h (Transformer Location)	Transformer in Building #17 B12 C1(existing)	--	Drill: Building #17 B12 C1	--	Oct. 2004 Site History Report (6/18/79 MD 3308 Building #17)	Deed Notice

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AOC-49-28i (Transformer Location)	3 Transformers Building #17 B12 C1	--	Drill: Building #17 B12 C1	--	Oct. 2004 Site History Report (4/15/81 MD 3499 Building #17)	Deed Notice
AOC-49-28j (Transformer Location)	3 Transformers in Building #17 B12 C1 (existing)	--	Drill: Building #17 B12 C1	--	Oct. 2004 Site History Report (6/18/79 MD 3308 Building #17)	Deed Notice
AOC-49-28k (Transformer Location)	3 Transformers in Building #17 B12 C1 (existing)	--	Drill: Building #17 B12 C1	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28l (Transformer Location)	1 transformer in Building #17 B12 C5 (existing)	--	Drill: Building #17 B12 C5	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28m (Transformer Location)	1 Transformer in Building #17 B12 C1 (existing)	--	Drill: Building #17 B12 C1	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28n (Transformer Location)	2 Transformers in Building #17 B17 C1 (existing)	--	Drill: Building #17 B17 C1	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28o (Transformer Location)	2 Transformers in Building #17 B17 C1 (existing)	--	Drill: Building #17 B17 C1	--	Oct. 2004 Site History Report (6/18/79 MD 3308 Building #17)	Deed Notice
AOC-49-28p (Transformer Location)	1.5 Transformers Building #17 B17 C16 (existing)	--	Drill: Building #17 B17 C16	--	Oct. 2004 Site History Report (6/4/79 MD 3307 Building #17)	Deed Notice
AOC-49-28q (Transformer Location)	2.5 Transformers Building #17 B18 C16 (existing)	--	Drill: Building #17 B17 C16	--	Oct. 2004 Site History Report (6/4/79 MD 3307 Building #17)	Deed Notice
AOC-49-28r (Transformer Location)	2 Transformers in Building #17 B19 C1 (existing)	--	Drill: Building #17 B19 C1	--	Oct. 2004 Site History Report (6/18/79 MD 3308 Building #17)	Deed Notice
AOC-49-28s (Transformer Location)	2 Transformers in Building #17 B19 C1 (existing)	--	Drill: Building #17 B19 C1	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28t (Transformer Location)	2 Transformers Building #17 B20 C10 (existing)	--	Drill: Building #17 B20 C10	--	Oct. 2004 Site History Report (6/20/79 MD 3309 Building #17)	Deed Notice
AOC-49-28u (Transformer Location)	1 Transformer Building #17 B4 C16 (existing)	--	Drill: Building #17 B4 C16	--	Oct. 2004 Site History Report (6/4/79 MD 3307 Building #17)	Deed Notice
AOC-49-28v (Transformer Location)	1 Transformer Building #17 B8 C16 (existing)	--	Drill: Building #17 B8 C16	--	Oct. 2004 Site History Report (6/4/79 MD 3307 Building #17)	Deed Notice
AOC-49-28w (Transformer Location)	1 Transformer in Building #17 B9 C1 (existing)	--	Drill: Building #17 B9 C1	--	Oct. 2004 Site History Report (6/18/79 MD 3308 Building #17)	Deed Notice
AOC-49-28x (Transformer Location)	2 Transformers in Building #17 B9 C11 (existing)	--	Drill: Building #17 B9 C11	--	Oct. 2004 Site History Report (5/22/80 MD3319 Building #17)	Deed Notice
AOC-49-28y (Transformer Location)	above ceiling transformer in laser lab	--	Drill Building #17:in laser lab	--	Oct. 2004 Site History Report (1/29/86 Building #17 MD 3645)	Deed Notice
AOC-49-28z (Transformer Location)	18 PCB capacitors at unknown locations	--	Drill Building #17: unknown interior locations	--	Oct. 2004 Site History Report (PCB Equipment Form, Capacitor Locations, unknown date)	Deed Notice
AOC-49-29 (Transformer Location)	2 Transformers	--	Drill: Center of Building #14	--	Oct. 2004 Site History Report (no # 10/8/1946)	Deed Notice
AOC-49-30 (Transformer Location)	Possible Transformer	--	Drill: NW corner Building #82	--	Oct. 2004 Site History Report (MD3010 1/23/1976)	Deed Notice
AOC-49-33 (Transformer Location)	1 Transformer in Sub 1(existing)	--	Drill: Substation is 3' from the SE corner of Building #13	--	Oct. 2004 Site History Report (5/2/73 MD 2793 Sub 1)	Deed Notice
AOC-49-34 (Transformer Location)	4 Transformers	--	Drill: West end of Building #13	--	Oct. 2004 Site History Report (MD2657 10/6/1966)	Deed Notice
AOC-49-35 (Transformer Location)	Transformer area at site of Building #17B SW corner	--	Drill Building #17 E wall: 37' NW of NW corner Building #61; 12' NW of SW corner Building #83; 137' NW of NW corner Building #23A (1933); in 1960 extends 75' S of 1933's southern-most point	--	Oct. 2004 Site History Report (Map#689-A (1933); Map #698-E (1960); 5/2/73 MD 2797 Sub 18; 5/2/73 MD 2789-B; IDP Transformers and Oil Filled Equipment (undated))	Deed Notice
AOC-49-44 (Transformer Location)	Other: 225V Panel Transformer	--	General: Building #12 - Engine House (N central part)	--	Oct. 2004 Site History Report (1977 MD3207)	Deed Notice
AOC-49-45 (Transformer Location)	Other: Transformer	--	General: Building #12 - Engine House (S central part)	--	Oct. 2004 Site History Report (1977 MD3207)	Deed Notice
AOC-49-46 (Transformer Location)	Possibly 7 Transformers in Main Office Basement	--	General Building #6 (surmised): E part of the Main Office Basement	--	Oct. 2004 Site History Report (10/12/54 Panel Lay-out Basement Main Office)	Deed Notice
AOC-49-47 (Transformer Location)	3 Transformer north of Building #21	--	General: N of Building #21	--	Oct. 2004 Site History Report (no date, no title, no scale)	Deed Notice

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AOC-49-48 (Transformer Location)	Building #20 1st floor Transformers	--	Drill Building #20: S portion of Building #20's E wall, about 113' from the Building #20's SE corner	--	Oct. 2004 Site History Report (1975 ["as built" rev 1976] MD 3176-1)	Deed Notice
AOC-49-49 (Transformer Location)	Transformers (3) southwest of Building #6	--	General: SW of Building #6	--	Oct. 2004 Site History Report (no date, no title, no scale)	Deed Notice
AOC-49-52 (Transformer Location)	Transformer	--	Cameron Building #22: Along the wall facing Northeast toward the spray pond	--	Oct. 2004 Site History Report (7/22/80 MD 3402 Pump Test Facility; IDP Transformers and Oil Filled Equipment (undated))	Deed Notice
AOC-49-53 (Transformer Location)	Transformer	--	Cameron Building #22: Along the wall facing SE	--	Oct. 2004 Site History Report (7/22/80 MD 3402 Pump Test Facility)	Deed Notice
AOC-49-54 (Transformer Location)	Transformer	--	Drill Building #20: E wall 35' S of NE corner of Building #20	--	Oct. 2004 Site History Report (12/29/70 MD3459 Sub 32 and 15B)	Deed Notice
AOC-49-57 (Transformer Location)	2 Transformers W of the E fence Sub 10 (existing)	--	Drill Building #7: Along W wall of Building #7, 25' N of Sub30: 125' NE of W junction of 7 and 8; 275' SW of NW corner Building #14; 150' NE of SW corner Building #8	--	Oct. 2004 Site History Report (3/20/70 MD2780 Sub 10)	Deed Notice
AOC-49-61 (Transformer Location)	1 Transformer inside Main Plant Incinerator (AOC 23)	--	Outdoor Area: in Control Panel inside incinerator presumed to be AOC 23.	--	Oct. 2004 Site History Report (11/2/67 MD2700-3 Plant Incinerator Electrical Plan)	Deed Notice
AOC-49-69 (Transformer Location)	12 Transformers	--	Drill Building #20D: Twelve transformers were located in Building #20D, one of the original E appendages to the Building #about 125' S of the NE corner of Building #22. 11 transformers were grouped together, with one 150 Kva transformer located to the S by about 10'	--	Oct. 2004 Site History Report (1960 698-C)	Deed Notice
AOC-49-72 (Transformer Location)	Substation in Power House	--	General Building #12: north of Boiler #8 in original part of Building #12.	--	Oct. 2004 Site History Report (1977 MD 3207)	Deed Notice
AOC-49-73 (Transformer Location)	Transformer	--	General Building #5	--	Oct. 2004 Site History Report (1956 230/115 volt circuits for cafeteria)	Deed Notice
AOC-49-74 (Transformer Location)	4 Transformers (1960); Possibly same area as one Transformer listed in IDP list	--	General: West of Building #28; measured from NE corner of area: 40' NW of NE corner Building #28; 60' NW of SW corner Building #28; 185' NE of SE corner Building #25	--	Oct. 2004 Site History Report (Map#698-D (1960); IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-76 (Transformer Location)	5 Transformers, 6 oil circuit breakers, 2 load tap changers; 1-5000KVA and 1-7500KVA (1960)	PCB	General: Main Power Substation (Building #42), N of Spray Pond	--	Oct. 2004 Site History Report (Map#698-D (1960); IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Site Investigation Sampling, Delineation, Deed Notice
AOC-49-78 (Transformer Location)	Transformer	--	Drill: E of Building #7 S of Building #15	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-79 (Transformer Location)	Transformer inside fence	No Exceedances of Applicable Criteria	General: SE side of 10	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Site Investigation Sampling, Delineation, Deed Notice
AOC-49-80 (Transformer Location)	2 Transformers and disconnect switch	--	Compressor/Turbo: NE corner of Buildings #7 & #8	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-81 (Transformer Location)	3 Transformers, 1 disconnect switch	--	General: N of Building #24	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-82 (Transformer Location)	2 Transformers, 2 disconnect switches	--	Compressor: West of Building #7	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-83 (Transformer Location)	3 transformers, 2 disconnect switches	--	Drill: NE end of Building #20 (IDP); (FIA:) 35' from NE corner of Building #22; 88' NW of NW corner Building #21D; 65' from NW corner Building #22	--	Oct. 2004 Site History Report (Map#698-C (1960); IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-85 (Transformer Location)	Transformer and disconnect switch	--	General: N of Building #16	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated)	Deed Notice
AOC-49-87 (Transformer Location)	10 pyranol capacitors	--	General: Building #10 Shipping and Receiving	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-88 (Transformer Location)	3 Transformers	--	General: S of Buildings #24 and #66, 1" SE corner of Buildings #24 and #66	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-89 (Transformer Location)	7 PCB capacitors	--	General: Building #24	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-90 (Transformer Location)	3 PCB capacitors	--	General: Building #11 Betts Planer	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated); PCB Equipment Form, Capacitor Locations, unknown date)	Deed Notice
AOC-49-92 (Transformer Location)	6 Transformers various sizes in storage	--	Drill: Inside east end of Building #13	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-98 (Transformer Location)	2 Transformers on pole	--	General: N of Building #104	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-99 (Transformer Location)	1 transformer and disconnect switch	--	Drill: SE end of Building #20	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice

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Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

AOC	DESCRIPTION	CONTAMINANTS OF CONCERN	LOCATION	NFA STATUS	REFERENCE	PROPOSED ACTIVITIES
AOC-49-100 (Transformer Location)	Transformer for former Building #5	--	Drill: S of Building #20	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-102 (Transformer Location)	Out of service oil filled switch	--	General: Building #12 subway	--	Oct. 2004 Site History Report (IDP Transformers and Oil Filled Equipment Inventory (no drawing, undated))	Deed Notice
AOC-49-104 (Transformer Location)	3 Transformers	--	Drill: 13' W of Building #16; 37' from NE corner Building #14; 72' from NW corner of Building #16 joining it to 17; 150' from NW corner of Building #14	--	Oct. 2004 Site History Report (Map#698-B (1933))	Deed Notice
AOC-49-106 (Transformer Location)	5 transformers	No Exceedances of Applicable Criteria	Compressor Building #10: SE corner of Building #10, measured from southernmost point of area: 10' from E wall Building #10; 30' N of SE corner of Building #10; 425' SE of NE corner Building #10; 450' SW of SE corner Building #25	--	Oct. 2004 Site History Report (Map#698-D (1960))	Site Investigation Sampling, Delineation, Deed Notice
AOC-49-107 (Transformer Location)	6 transformers, possibly removed and changed later	--	Compressor along Building #9 W wall: 230' NW of SW corner Building #9A addition, S of lavatory; 260' NW of SE corner Building #9A addition; 360' N of NW corner Building #91	--	Oct. 2004 Site History Report (Map#698-D (1960); IDP Transformers and Oil Filled Equipment (undated); 5/2/73 MD 3455 Sub 7)	Deed Notice
AOC-49-108 (Transformer Location)	5 Transformers (possibly 6)	--	Compressor between Building #9 and 11: 10' E of Building #11 and S of Building #11 washroom measured from SE corner of area: 250' NW of SW corner Building #9A; 285' NW of SE corner Building #9A; 375' NW of NW corner Building #91	--	Oct. 2004 Site History Report (Map#698-D (1960); IDP Transformers and Oil Filled Equipment (undated); 5/2/73 MD 3456 (substation 8 and 26))	Deed Notice
AOC-49-109 (Transformer Location)	9 Transformers	--	Compressor Building #25 NE corner: along N wall Building #25, measured from NE corner of area: 35' E of shared corner of Building #25 and Building #8; 10' W of NE corner of Building #25; 225' SE of SW corner Building #12E	--	Oct. 2004 Site History Report (Map#698-D (1960))	Deed Notice
AOC-49-110 (Transformer Location)	KVA Transformer on pole (2)	--	Drill Building #7: West of Building #7A lean-to; from midpoint between poles: 130' from NE corner Building #8 addition; 250' SE of NW corner Building #6; 250' SE of NE corner Building #27	--	Oct. 2004 Site History Report (Map#698-D (1960))	Deed Notice
AOC-49-111 (Transformer Location)	3 Transformers	--	General Building #12A lean-to: on roof of lean-to (lavatory)	--	Oct. 2004 Site History Report (Map#698-D (1960))	Deed Notice
AOC-49-120 (Transformer Location)	14 PCB containing capacitors	--	Compressor/Turbo Building #9 interior	--	Oct. 2004 Site History Report (PCB Equipment Form, Capacitor Locations, unknown date (no map))	Deed Notice
AOC-49-121 (Transformer Location)	10 PCB containing capacitors	--	Compressor/Turbo Building #10	--	Oct. 2004 Site History Report (PCB Equipment Form, Capacitor Locations, unknown date (no map))	Deed Notice
AOC-49-122 (Transformer Location)	34 PCB containing capacitors	--	General Building #12 interior	--	Oct. 2004 Site History Report (PCB Equipment Form, Capacitor Locations, unknown date (no map))	Deed Notice
AOC-50-1 (Former Dry Wells, Cesspools, Pits & Leach Fields)	Cesspool between Buildings #13, #28, #29	Cesspool waste/residue	Drill Buildings #29, #13, #28 area: (between #29 and Spray Pond): 180' from the NE corner of the cesspool to the SE corner of Building #13; 134' from the NE corner of the cesspool to the NE corner of #29; 156' from the center of the cesspool to the SW corner of #29	--	Oct. 2004 Site History Report (MD603; Map #MD 1453 (1947))	Deed Notice
AOC-50-2 (Former Dry Wells, Cesspools, Pits & Leach Fields)	6 Septic Tanks	--	Drill Outdoor Area: 60' S of SE corner Building #13; 50' N of NE corner Building #29; 270' N of SW corner Building #28	--	Oct. 2004 Site History Report (Map #111129 (1919); 1904 (periodic revisions) General Map: "Phillipsburg Plan of Ingersoll-Sergeant Drill Co.")	Deed Notice
AOC-50-3 (Former Dry Wells, Cesspools, Pits & Leach Fields)	Cesspool	No Exceedances of Applicable Criteria	Compressor outdoor area: NW corner of cesspool 30' SW from NW corner of Building #91, 330' SE from SE corner of Building #11, 330' SW from SW corner of Building #10	--	Oct. 2004 Site History Report (Map #MD 1453 (1947); Tellus Consultant Letter to Bruce Ferretti (IR) re: Drainage from Building #91 dated 9/25/1986)	Site Investigation Sampling, Delineation, Deed Notice
AOC-50-4 (Former Dry Wells, Cesspools, Pits & Leach Fields)	Cesspool	--	Outdoor Areas: 67.5' SE of SE corner Building #M; 90' NE of NW corner Building #17; 180' SE of NE corner Building #21	--	Oct. 2004 Site History Report (1947 MD 1440)	Deed Notice
AOC-50-5 (Former Dry Wells, Cesspools, Pits & Leach Fields)	Cesspool	TPHC, PCBs, Metals	Drill outdoor area: Outside Building #V (Building #61); along W wall Building #61 15' N of SW corner Building #61; 75' NW of NW corner of Building #82; 90' SW of NW corner of Building #23	--	Oct. 2004 Site History Report (Map #MD 603 (1930); Map #MD1440 (1959 rev); 1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co.")	Remedial Action/Deed Notice
AOC-50-6 Possible drywell/cesspool	Drywell/Cesspool	TPHC, PCBs	Compressor outdoor area: North of Building #23	--	Field investigation	Remedial Action/Deed Notice
AOC-50-7 Possible drywell/cesspool	Drywell/Cesspool	TPHC, PCBs	Compressor outdoor area: North of Building #23	--	Field investigation	Remedial Action/Deed Notice
AOC-50-8 (Former Dry Wells, Cesspools, Pits & Leach Fields)	Drywell and catch basin	--	Compressor outdoor area: SW corner of well, 135' SW of NW corner of Building #11; 390' SE of SW corner of Building #11; 210' SW of SW corner Building #7A	--	Oct. 2004 Site History Report (Map #MD 1440 (rev 1959))	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-50-11 (Former Drywells, Cesspools, Pits & Leach Fields)	Cesspool or Septic Tank	--	Drill Outdoor: 88 ft N of SE corner Bldg 83; 60 ft NE of NW corner Bldg 23; 64ft S of SW corner Bldg 62	--	Nov. 2004 Site History Report (Map # MD 3344 (1979); Map # MD 1453 (1959 rev); 1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co.")	Deed Notice
AOC-50-12 (Former Drywells, Cesspools, Pits & Leach Fields)	Cesspool	--	Drill Outdoor: 76 ft N of SE corner Bldg 83; 52 ft NE of NW corner Bldg 23; 72ft S of SW corner Bldg 62	--	Nov. 2004 Site History Report (Map # MD 3344 (1979); Map # MD 1453 (1959 rev); 1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co.")	Deed Notice

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AOC	DESCRIPTION	CONTAMINANTS OF CONCERN	LOCATION	NFA STATUS	REFERENCE	PROPOSED ACTIVITIES
AOC-52 (Building #Sump, Pit, Floor Drain, Etc.)	--	--	The presence of floor drain, trench, and sump locations in site Buildings in the Main Facility Area was likely ubiquitous. However, detailed Building drawings were not available for all structures, and therefore these features ar not depicted on Figure 2.	--	Oct. 2004 Site History Report	Deed Notice
AOC-53 (Subsurface Utilities)	Sanitary and storm sewers, piping for drinking water, cooling water, oil, gasoline, paraffin, air, acetylene, condensate, and steam	--	Underground piping is very extensive and precise locations of these pipes are unknown and, therefore, these features are not depicted on Figure 2. It is assumed that subsurface utilities were present both connecting the Main Facility Area to the remainder of the facility and connecting the Main Facility Buildings.	--	Oct. 2004 Site History Report (Dwg. 12563 1903)	Deed Notice
AOC-54-1 (UST/AST Location)	Possible tank labeled "G-6"	--	Outdoor Area (NE): 10' E of Building #12, 160' NE of Building #25, 150' W of Building #29	--	Oct. 2004 Site History Report (MD-3525/FIA 1960)	Deed Notice
AOC-54-2 (UST/AST Location)	above ground propane tanks	--	Outdoor Area: 10' N of Building #14, 40' S of Building #15, 60' W of Building #19	--	Oct. 2004 Site History Report (MD-3206)	Deed Notice
AOC-54-5 (AOC-41-spill in this area being investigated, not tanks) (UST/AST Location)	Possible tank labeled "G-4" NW of spray pond (3 10,000-gal. ASTs)	--	Building #104 located 220' E of Building #13's E corner; 300' NE of Building #29's NE corner	--	Oct. 2004 Site History Report (MD-3525; FIA 698E 1960; MD-3206 (1977))	Deed Notice
AOC-54-6 (UST/AST Location)	Tank labeled "T-2"	--	Compressor Outdoor Area: 20' NE of Building #25, 70' S of Building #12, 200' W of Building #29	--	Oct. 2004 Site History Report (MD-3525)	Deed Notice
AOC-54-7 (UST/AST Location)	2 Oil Tanks in space between Buildings #9 and #10	No Exceedances of Applicable Criteria	Compressor Outdoor Area: 200' S of Building #34, E of Building #9, W of Building #10	--	Oct. 2004 Site History Report (MD-3525)	Site Investigation Sampling, Delineation, Deed Notice
AOC-54-10 (UST/AST Location)	Possible tank labeled "T-6" between Buildings #9 & #11	No Exceedances of Applicable Criteria	Compressor Outdoor Area: 250' S of Building #36, 55' W of Building #9, 5' E of Building #11, 5' E of Building #11	--	Oct. 2004 Site History Report (MD-3525)	Site Investigation Sampling, Delineation, Deed Notice
AOC-54-11 (UST/AST Location)	Unspecified number of USTs for locomotive shed (Building #29) (document missing, location not verifiable)	--	Outdoor Area: 25' NW of Building #29; 50' NE of Building #29's SW corner; 135' SW of Building #13's SE corner	--	Oct. 2004 Site History Report (MD-3206; FIA 698D 1960)	Deed Notice
AOC-54-17 (UST/AST Location)	Possible tank labeled "G-5", East of Building #13 tank	--	Outdoor Area (NE): 60' E of Building #12, 120' NE of Building #25, 120' S of Building #13	--	Oct. 2004 Site History Report (MD-3525)	Deed Notice
AOC-54-19 (UST/AST Location)	Possible tank labeled "G-1" on north side of Building #21	--	Drill Outdoor Area: 65' NE of Building #20, 5' N Building #21, 125' SW of Building #38	--	Oct. 2004 Site History Report (MD-3525)	Deed Notice
AOC-54-22 (UST/AST Location)	Maintenance underground tank & pump	--	Outdoor Area: 90' W of Building #17A, 10' NE of Building #21, 160' SW of Building #38	--	Oct. 2004 Site History Report (MD-3206)	Deed Notice
AOC-54-23 (UST/AST Location)	Possible tanks (2) labeled "T-5"	No Exceedances of Applicable Criteria	Compressor Outdoor Area: SW corner of Building #9	--	Oct. 2004 Site History Report (MD-3525)	Site Investigation Sampling, Delineation, Deed Notice
AOC-54-25 (UST/AST Location)	Possible tank labeled "T-3"	--	Drill Outdoor Area: along N wall Building #8, W of Building #8A, S of Building #12, SE of Building #14	--	Oct. 2004 Site History Report (MD-3525)	Deed Notice
AOC-54-29 (UST/AST Location)	Two 10,000 gallon tanks and one 1,000 gal tank	--	Drill/Cameron Building #16: Off NE corner of Building #16	--	Oct. 2004 Site History Report (MD-396)	Deed Notice
AOC-54-30 (UST/AST Location)	UST	--	General Building #22: West corner	--	Oct. 2004 Site History Report (1980 MD 3358 (4-1-1))	Deed Notice
AOC-54-49 (UST/AST Location)	Possible tank	--	Compressor/Turbo Building #10: Inside located between I-beams 10-2 & 10-3 next to office (East)	--	Oct. 2004 Site History Report (Ingersoll Rand Turbo Product-Division Building #10 section 1)	Deed Notice
AOC-54-50 (UST/AST Location)	Tank	--	Compressor/Turbo Building #8: W side of Forging Department in SE corner of Building #8, tank is off N end of condenser with piping from tank to condenser	--	Oct. 2004 Site History Report (No. 8 shop East End 5-8-1927)	Deed Notice
AOC-54-51 (UST/AST Location)	Tank (possible ASTs)	--	Compressor/Turbo Building #9	--	Oct. 2004 Site History Report (General Site Plan-not labeled (assumed 1990s))	Deed Notice
AOC-54-52 (UST/AST Location)	Possible tank labeled SM128	--	Compressor/Turbo Building #91: located 50' S of N wall along W wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-53 (UST/AST Location)	AST "Wash Tank"	--	Compressor/Turbo Building #34: near center of E wall S of walkway	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-54-54 (UST/AST Location)	AST (possible) listed as "SM 131"	--	Compressor/Turbo Building #91: 4.5' E of W wall 30.5' S of N wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-55 (UST/AST Location)	4 tanks and moat	--	Compressor/Turbo Building #91: around 4 tanks in Building #91	--	Oct. 2004 Site History Report (Building #91 Tank Layout (no scale))	Deed Notice
AOC-54-56 (UST/AST Location)	AST (possible) Alco water	--	Compressor/Turbo Building #91: Center is 7' W of E wall; 31' N of interior S wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-57 (UST/AST Location)	Acid tank (possible AST) and nearby flux tank	--	Compressor/Turbo Building #91: Corner of Building #91 adjacent to NW corner of water tank. Center is 10' E of N wall, 32.5' N of S wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-58 (UST/AST Location)	Tank	--	Compressor/Turbo Building #91: located 4.5' E of west wall 35.5' S of N wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-59 (UST/AST Location)	Tank	--	Compressor/Turbo Building #91: located 44.5' S of N wall, 4.5' E of N wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-60 (UST/AST Location)	Tank	--	Compressor/Turbo Building #91: Unknown location	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-61 (UST/AST Location)	Flux Tank	--	Compressor/Turbo Building #91: located in Building #91, adjacent to SW corner of water tank. Center is 29' N of S wall; 10' E of N wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-62 (UST/AST Location)	AST	--	Compressor/Turbo Buildings #8 & #25: Proposed S of Building #8/25 near SE corner by "air lock" just W of North/South test pit area	--	Oct. 2004 Site History Report (Lube Oil Storage & Distribution system-Turbo Test 6/26/79 MD 3300)	Deed Notice

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AOC-54-63 (UST/AST Location)	AST 5,000 gal Bulk Oil	No Exceedances of Applicable Criteria	Compressor/Turbo Outdoor Tank: Between Building #9 & #10 outside #9 shop (near chip conveyor & "Blond Tapeturn") Section 2 between I-beams 35-38	--	Oct. 2004 Site History Report (Bulk Oil Storage for Turbo outside #9 shop MD-3418)	Site Investigation Sampling, Delineation, Deed Notice
AOC-54-64 (UST/AST Location)	AST - 2,500-gal Bulk Oil	No Exceedances of Applicable Criteria	Compressor/Turbo Outdoor Tank: outside #9 shop (near chip conveyor)	--	Oct. 2004 Site History Report (Bulk Oil Storage for Turbo outside #9 shop MD-3418)	Site Investigation Sampling, Delineation, Deed Notice
AOC-54-65 (UST/AST Location)	UST	No Exceedances of Applicable Criteria	Outdoor (NW) Original Building #24: South of Building #20. Located outside parallel to Garage's east side near center of Building #24's east wall.	--	Oct. 2004 Site History Report (FIA 1922 #698D; FIA April 6, 1933 #698C,D)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-54-66 (UST/AST Location)	piping(2) for bulk oil tanks AOCs 54-63 & 54-64	No Exceedances of Applicable Criteria	Compressor/Turbo Outside Tank Piping for Building #9: outside #9 shop (near chip conveyor)	--	Oct. 2004 Site History Report (Bulk Oil Storage for Turbo outside #9 shop MD-3418)	Site Investigation Sampling, Delineation, Deed Notice
AOC-54-67 (UST/AST Location)	Possible AST (labeled 142)	--	Compressor/Turbo Building #91: interior 54.5' S of N Building #91's wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-68 (UST/AST Location)	One AST	--	Compressor/Turbo Building #8: located S of subway 19.5'	--	Oct. 2004 Site History Report (Floor Plan & Location of lean-to addition North side Building #8; 5-1-45 MD 1339)	Deed Notice
AOC-54-78 (AOC-19) (UST/AST Location)	Blow down Tank/air Trappage Tank	--	General Building #12: Center is approximately 6' from NE corner of Building #12A & 32' from SE corner of Building #12A	--	Oct. 2004 Site History Report (1957 MD2345; June 1994 Draft RIW)	Deed Notice
AOC-54-79 (AOC-35) (UST/AST Location)	UST: Diesel Oil UST (outside Building #12)	--	General Building #12: exterior UST, 25' W of SW corner of Building #12D Pump House	--	Oct. 2004 Site History Report (1960 FIA Plan 698D.60.1; NJDEP April 11, 2000 letter)	Deed Notice
AOC-54-80 (UST/AST Location)	AST: Sulfite Pump and Tank area	--	General Building #12: In the Central part of Building #12 along the wall with the Engine House. About 36' west of the Central Stack.	--	Oct. 2004 Site History Report (1956 MD 2347; 1958 [1983 rev] MD 2264)	Deed Notice
AOC-54-81 (UST/AST Location)	AST piping: Oil piping (underground)	--	General Building #12: interior AST piping, SW and NE corners of Boiler Room Basement	--	Oct. 2004 Site History Report (1947 MD1478)	Deed Notice
AOC-54-88 (UST/AST Location)	Platform Nozzle Tank	--	Compressor/Turbo Tank Outside Building #8: Along E wall of Building #25; 16' E of NE corner of Building #25 (outside addition in 1957; 16' from W corner of addition to Building #8 and 3' W of Building #8 addition)	--	Oct. 2004 Site History Report (Area East & North of Addition to Building #8 6-5-57 MD 2194)	Deed Notice
AOC-54-89 (possibly AOC-9 or 12) (UST/AST Location)	2 Service Tanks	--	Drill Outdoor Area: 30' East Building #7 30' South Building #14	--	Oct. 2004 Site History Report (#22869 6/12/1907)	Deed Notice
AOC-54-90 (AOC-7)(UST/AST Location)	3 USTs	--	Drill Building #13: Exterior tanks, approximately 75' E of original Building #13's NE corner	--	Oct. 2004 Site History Report (1913 FIA map; NJDEP January 23, 1997 letter)	Deed Notice
AOC-54-91 (UST/AST Location)	"Gas - Generator" AOC - 13 Tank 4'4" Tall 8' Diameter. In 12' * 14' *8' deep vault	--	Drill Building #14: 60' S Building #14	--	Oct. 2004 Site History Report (#12739 5/18/1905)	Deed Notice
AOC-54-92 (UST/AST Location)	Alkali Tank and Wash Tank	--	Drill Building #15	--	Oct. 2004 Site History Report (MD410 rev 12/01/1949)	Deed Notice
AOC-54-93 (UST/AST Location)	Soda Tank	--	Drill Building #17 Bay 1	--	Oct. 2004 Site History Report (T36943 11/4/1919)	Deed Notice
AOC-54-94 (UST/AST Location)	Possible UST	--	Drill Building #83	--	Oct. 2004 Site History Report (MD3010 1/23/1976)	Deed Notice
AOC-54-95 (UST/AST Location)	Oil Tank (200 gallon)	--	Drill Building #13: interior tank, 320' from W. wall 35' from N. wall	--	Oct. 2004 Site History Report (MD411 5/3/1927)	Deed Notice
AOC-54-96 (UST/AST Location)	Tank	--	Drill Building #13: Between UST 20' E Building #18 and Building #13	--	Oct. 2004 Site History Report (#17479 11/15/1905)	Deed Notice
AOC-54-97 (UST/AST Location)	2 Tanks (3,200 Gallon & 19,100 Gallon), "A" and "W" Test Area	--	Drill Building #13: W end Building #13	--	Oct. 2004 Site History Report (MD3809 1/25/1985)	Deed Notice
AOC-54-98 (UST/AST Location)	2.6' deep water - jacketed oil treating tanks; 2 quench oil ASTs	--	Drill Building #14: Center Building #14 (oil treating); W wal of Building #14 (quench oil)	--	Oct. 2004 Site History Report (#3121 9/3/1903; "Phillipsburg Facility #810, Liquid Storage Tank Information" dated 1/19/1988 (serving as the Key to MD 3181 rev. 5/23/1980))	Deed Notice
AOC-54-99 (UST/AST Location)	USTs (unspecified #, possibly 2 or 3)	No Exceedances of Applicable Criteria	Drill Building #21: Central part of Building #21 in Basement floor	--	Oct. 2004 Site History Report (1913 #44838)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-54-100 (UST/AST Location)	15,000 gallon Brine reservoir	--	Drill Building #14: Center Building #14	--	Oct. 2004 Site History Report (no # 10/8/1946)	Deed Notice
AOC-54-101 (UST/AST Location)	4 water - jacketed oil tanks, 2 Dumping Tanks	--	Drill Building #14: N. interior Building #14	--	Oct. 2004 Site History Report (#3121 9/3/1903)	Deed Notice
AOC-54-102 (UST/AST Location)	Possible Tank(s) in Lubricating Oil Storage Room	--	Drill Building #7: at wall with Building #8	--	Oct. 2004 Site History Report (unknown)	Deed Notice
AOC-54-103 (UST/AST Location)	Parkerizing Tank	--	Drill Building #14: S. wall Building #14	--	Oct. 2004 Site History Report (MD1415 4/15/1947)	Deed Notice
AOC-54-104 (UST/AST Location)	Gasoline, UST (associated piping is AOC-54-107 POST SHR#)	--	Compressor Building #7: SW of Building #7	--	Oct. 2004 Site History Report (#22869 6/12/1907)	Deed Notice
AOC-54-105 (UST/AST Location)	3 Brine Tanks, 3 Oil Tanks	--	Drill Building #14: SW interior Building #14	--	Oct. 2004 Site History Report (#3121 9/3/1903)	Deed Notice
AOC-54-106 (UST/AST Location)	Tank	--	Drill Building #15: interior tank, N - S orientation, W end Building #15	--	Oct. 2004 Site History Report (MD728 12/16/1935)	Deed Notice
AOC-54-107 (UST/AST Location)	3 Oil Tanks	--	Drill Building #17: E. Building #17; at SW corner of Building #82	--	Oct. 2004 Site History Report (MD396 2/15/1927; FIA 698E 1960)	Deed Notice
AOC-54-108 (UST/AST Location)	4 Tanks	--	Drill Building #17: interior tanks, unknown exact location	--	Oct. 2004 Site History Report (MD2078 12/15/1954)	Deed Notice
AOC-54-114 (UST/AST Location)	Gasoline pipeline from UST at AOC-54-97 to "Gas Generator"	--	Compressor Building #7: "Gas Generator" to UST SW Building #7	--	Oct. 2004 Site History Report (#12739 5/18/05)	Deed Notice
AOC-54-115 (UST/AST Location)	Paint Tank	--	Drill Building #7: 12' S of Northern most I-beam Building #7	--	Oct. 2004 Site History Report (#20661 7/30/1906; 2nd Drawing No Date or #)	Deed Notice
AOC-54-116 (UST/AST Location)	3 tanks (possibly a test setup)	--	Drill Building #7: Bays 7.19 to 7.15	--	Oct. 2004 Site History Report (MD 3819 9/26/1989)	Deed Notice
AOC-54-117 (UST/AST Location)	3 Overhead oil pipes from Building #17	--	Drill Building #15: center of N wall	--	Oct. 2004 Site History Report (MD 411 5/3/1927)	Deed Notice

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AOC	DESCRIPTION	CONTAMINANTS OF CONCERN	LOCATION	NFA STATUS	REFERENCE	PROPOSED ACTIVITIES
AOC-54-118 (UST/AST Location)	2 tanks in laser lab	--	Drill Building #17B: along southern wall	--	Oct. 2004 Site History Report (1986 MD3645)	Deed Notice
AOC-54-122 (UST/AST Location)	Oil Bath Tank	--	Drill Building #20: 2nd Floor	--	Oct. 2004 Site History Report (1953 MD 1965)	Deed Notice
AOC-54-123 (UST/AST Location)	Oil interceptor S. Building #7 and associated sump	--	Drill Building #7: E. Wall	--	Oct. 2004 Site History Report (MD 3819)	Deed Notice
AOC-54-124 (UST/AST Location)	Oil interceptor N. Building #7 and associated 3 sumps	--	Drill Building #7: E. wall of Building #7	--	Oct. 2004 Site History Report (MD 3819 9/26/1989)	Deed Notice
AOC-54-127 (UST/AST Location)	Cutting Oil House UST; 10,000 gallon cutting oil/waste oil UST	--	Drill Outdoor Area: 50' E. chip extractor lean to, 125' SE of the NE corner of Building #17 (tool room); 20'N of Building #83 N wall; 50' of Building #17 E wall	--	Oct. 2004 Site History Report (1933 FIA map; FIA 1960; "Phillipsburg Facility #810, Liquid Storage Tank Information" dated 1/19/1988 (serving as the Key to MD 3181 rev. 5/23/1980))	Deed Notice
AOC-54-129 (UST/AST Location)	2 Chromium plating tanks: Double Chromium Plating Tank and Single Chromium plating tank	--	Drill Building #15: W. Central Building #15	--	Oct. 2004 Site History Report (MD410 rev 12/01/1949)	Deed Notice
AOC-54-130 (UST/AST Location)	2 oil tanks with water jackets	--	Drill Building #21: Central part of Building #located with the brine tanks.	--	Oct. 2004 Site History Report (1913 #43037)	Deed Notice
AOC-54-131 (UST/AST Location)	Sludge collector	No Exceedances of Applicable Criteria	Drill Building #17: E wall	--	Oct. 2004 Site History Report (1971 MD2828)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-54-132 (UST/AST Location)	Possible plating tank	--	Drill Building #20: unknown exact location	--	Oct. 2004 Site History Report (RI Index of Facility Flat)	Deed Notice
AOC-54-133 (UST/AST Location)	3 brine tanks	No Exceedances of Applicable Criteria	Drill Building #21: Central part of Building #21 located with the oil tanks with jackets.	--	Oct. 2004 Site History Report (1913 #43037)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-54-134 (UST/AST Location)	Soda Tank and rotary pump	--	Drill Building #14: W. Central Building #14	--	Oct. 2004 Site History Report (#3121 9/3/1903)	Deed Notice
AOC-54-136 (UST/AST Location)	Tanks (4): parkerizing, drain, rinse, copper plating	--	Drill Building #15	--	Oct. 2004 Site History Report (MD 3028 5/25/1976)	Deed Notice
AOC-54-137 (UST/AST Location)	Cadmium Plating Tanks	--	Drill Building #14: NE Building #14A (E. attachment) 65' from N. wall in cadmium and copper Plating Room	--	Oct. 2004 Site History Report (MD1413 4/14/1947)	Deed Notice
AOC-54-138 (UST/AST Location)	Chromium Plating Tank and stack	--	Drill Building #14: SE corner Building #14 E. lean to addition	--	Oct. 2004 Site History Report (MD1827 9/21/1951)	Deed Notice
AOC-54-139 (UST/AST Location)	Oil Tempering Tank	No Exceedances of Applicable Criteria	Drill Building #21: N.Central in Building #21 roughly 28' from N wall	--	Oct. 2004 Site History Report (1913 #43037)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-54-141 (UST/AST Location)	Oil hardening tank with water jacket	No Exceedances of Applicable Criteria	Drill Building #21: N. Central in Building #21 roughly 28' from N wall. Located near oil tempering tank.	--	Oct. 2004 Site History Report (1913 #43037)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-54-144 (UST/AST Location)	Tempering Area soda tanks (2)	No Exceedances of Applicable Criteria	Drill Building #21: SW corner	--	Oct. 2004 Site History Report (1913 #43037)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-54-148 (UST/AST Location)	Possible tank labeled "T-7" between Building #s 9 & 11	--	Compressor Outdoor Area: 80' S of Building #36, 55' W of Building #9, 5' E of Building #11	--	Oct. 2004 Site History Report (MD-3525)	Deed Notice
AOC-54-150 (UST/AST Location)	Kerosene Tank (possible AST)	--	Compressor/Turbo Outside Tanks near Building #s 9 and 11: Between Building #9 & 11 off SE corner of transformer pad area. Sits parallel to Building #9 & 11 and is 49' S of Building #11 Shop washroom on South wall	--	Oct. 2004 Site History Report (Condensate Return Line Turbo air Make-up Units 12-10-74)	Deed Notice
AOC-54-151 (UST/AST Location)	Magnaflux area with Zyglo tank	--	Compressor/Turbo Building #10: located between I beams 10-3 and 10-4 along west side of Building #27' S of Building #8 wall	--	Oct. 2004 Site History Report (Ingersoll Rand Turbo Product Division Building #10 section 1)	Deed Notice
AOC-54-152 (UST/AST Location)	possible UST	No Exceedances of Applicable Criteria	Compressor/Turbo Outside Building #105: outside parallel to W side of Building #105	--	Oct. 2004 Site History Report (Waste Oil Tank Turbo Building #105 6/6/77 MD 3219)	Site Investigation Sampling, Delineation, Deed Notice
AOC-54-158 (UST/AST Location)	Oil (possibly pump) house and tanks (near Building #13)	--	General Building #18 (original): the northern wall of Building #13	--	Oct. 2004 Site History Report (1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co.")	Deed Notice
AOC-54-159 (UST/AST Location)	Tanks (AST)	--	Compressor/Turbo Building #91: Center of tank is 26' S of N wall and 4.5 E of W wall	--	Oct. 2004 Site History Report (Record MD 1194 Babbitt Building #91, South Building #9; Sept 10, 1942)	Deed Notice
AOC-54-160 (UST/AST Location)	Hazardous Material Storage/Handling: Anion Tanks (2) and associated piping	--	General Building #12: Midpoints are: 64' & 65' SW of SE corner of Building #12A and 48' & 56' SW of SE corner of Conveyor House	--	Oct. 2004 Site History Report (1977 MD3207; 1977 MD3168)	Deed Notice
AOC-54-161 (UST/AST Location)	Hazardous Material Handling: Water softerner tanks	--	General Building #12: SE corner Building #12 (NE corner of tank is 80' from NE corner of Building #12A & 200' from NW corner of Building #12A)	--	Oct. 2004 Site History Report (1958 MD 2264; 1962 MD2506; 1977 MD3207)	Deed Notice
AOC-54-162 (UST/AST Location)	Hazardous Material Storage/Handling: Decarbonizer Tank	--	General Building #12: SE corner of Building #12. Midpoint 70' from NE corner of Building #12A (due S) & 42' from SE corner of Conveyor House	--	Oct. 2004 Site History Report (1977 MD3207)	Deed Notice
AOC-54-163 (UST/AST Location)	Hazardous Material Storage/Handling: Cation Tanks (2) and pipes	--	General Building #12: Midpoint 82' & 76' from NE corner of Building #12A (due S); 46' & 44' from SE corner of Conveyor House	--	Oct. 2004 Site History Report (1977 MD3207; 1977 MD3168)	Deed Notice
AOC-54-164 (UST/AST Location)	Hazardous Material Storage/Handling: Phosphate Chemical Tank	--	General Building #12: SE corner of Building #12; in NW corner of softener area. Center is 60' from NE corner of Building #12 (main) & about 44' from SE corner of Building #12A	--	Oct. 2004 Site History Report (1958 MD2347)	Deed Notice
AOC-54-168 (UST/AST Location)	Brine Supply Tank	--	Drill Building #21: Outside Building #21 near S entrance to Building #21	--	Oct. 2004 Site History Report (43037)	Deed Notice
AOC-54-169 (UST/AST Location)	Air compressor condensate AST	--	Compressor Building #25	--	Oct. 2004 Site History Report	Deed Notice
AOC-54-172 (UST/AST Location)	300-gallon tank	--	Drill : NW part of site, S side of Building #81 with possible UST on W side.	--	Oct. 2004 Site History Report (FIA 698C 1960)	Deed Notice
AOC-54-173 (UST/AST Location)	2-1,000-gallon USTs with pump	--	Outside (SW): center of W side of Building #24 (near Foundry area) next to W side entrance to garage; 120' E of 4-D sand shed.	--	Oct. 2004 Site History Report (FIA 1960; 1933 FIA-698C/D)	Deed Notice
AOC-54-174 (UST/AST Location)	Building #18 oil house (original)	--	Outdoor Area (NE): 340' E of NW corner of Building #13; 250' SE of SE corner of where Buildings #17 & #16 meet	--	Oct. 2004 Site History Report (FIA 698A, 1905)	Deed Notice

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AOC-54-176 (UST/AST Location)	2 - 10,000-gallon fuel oil tanks	--	Drill: 55' NE of NE corner Building #20; 80' NW of NW corner Building #21 (near AOC-54-19)	--	Oct. 2004 Site History Report (FIA 698B, 1922)	Deed Notice
AOC-54-177 (AOC-15) (UST/AST Location)	2 - 1,000-gallon USTs	--	Compressor: 5' N or Building #8; 30' E of Building #7	--	Oct. 2004 Site History Report (NJDEP January 23, 1997 letter)	Deed Notice
AOC-54-178 (AOC-12) (UST/AST Location)	2 - 10,000-gallon quench oil tanks	--	Drill: S of Building #14	--	Oct. 2004 Site History Report (FIA 698C, 1922; February 2000 RRI)	Deed Notice
AOC-54-179 (AOC-14) (UST/AST Location)	500-gallon benzene UST	--	Drill: 25' W of NE corner of Building #14; 5' N of northern wall; 90' E of Building #7	--	Oct. 2004 Site History Report (FIA 698D, 1960; NJDEP January 23, 1997 letter)	Deed Notice
AOC-54-180 (AOC-13) (UST/AST Location)	500-gallon gasoline tank in pit	--	Drill: S of Building #14; 60' S of original Building #14; 80' W of Building #12 (25' S of Building #12's N wall)	--	Oct. 2004 Site History Report (FIA 698A, 1905; NJDEP January 23, 1997 letter)	Deed Notice
AOC-54-181 (AOC-9, possibly AOC 54-89) (UST/AST Location)	10,000-gallon diesel oil UST	--	General: E of Building #12 (abandoned in place)	--	Oct. 2004 Site History Report (NJDEP January 23, 1997 letter)	Deed Notice
AOC-54-182 (AOC-11) (UST/AST Location)	10,000-gallon (methanol) UST	--	Drill: S of Building #14 (demolished)	--	Oct. 2004 Site History Report (NJDEP August 2, 2000 letter)	Deed Notice
AOC-54-183 (AOC-20) (UST/AST Location)	5,000-gallon waste oil tank	--	General: Inside Building #12	--	Oct. 2004 Site History Report (NJDEP October 18, 1994 Letter)	Deed Notice
AOC-54-184 (AOC-21) (UST/AST Location)	1750-gallon AST-Waste Coolant	--	Compressor: S of Building #9	--	Oct. 2004 Site History Report (NJDEP October 18, 1994 Letter)	Deed Notice
AOC-54-185 (AOC-22) (UST/AST Location)	600-gallon AST - Brill Skimmer	--	General: Spray Pond Area	--	Oct. 2004 Site History Report (NJDEP March 28, 1995 letter)	Deed Notice
AOC-54-186 (AOC-24) (UST/AST Location)	2,000-gallon Process Tank - Building #12	--	General: Building #12	--	Oct. 2004 Site History Report (NJDEP October 18, 1994 Letter)	Deed Notice
AOC-54-187 (AOC-25) (UST/AST Location)	Two 10,000-gallon USTs (removed)	--	Drill: SW Building #17 (certified and removed)	--	Oct. 2004 Site History Report (NJDEP October 18, 1994 Letter)	Deed Notice
AOC-54-189 (UST/AST Location)	55 gallon kerosene drum	--	Outdoor Area (SE): 120' SE of Building #29 SE corner; 20'S of Building #103 N corner; 142' E of center of Building #25 E wall	--	Oct. 2004 Site History Report (possibly FIA map 1960)	Deed Notice
AOC-54-192 (UST/AST Location)	3-5000 gallon USTs	No Exceedances of Applicable Criteria	Drill Building #17B: S of exterior of Building #17B	--	Oct. 2004 Site History Report (1980 MD 3181; "Phillipsburg Facility #810, Liquid Storage Tank Information" dated 1/19/1988 (serving as the Key to MD 3181 rev. 5/23/1980))	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-54-194 (UST/AST Location)	6100 gallon AST sulfuric acid	--	Outdoor Area: Building #28 (interior)	--	Oct. 2004 Site History Report (1980 MD 3181; "Phillipsburg Facility #810, Liquid Storage Tank Information" dated 1/19/1988 (serving as the Key to MD 3181 rev. 5/23/1980))	Deed Notice
AOC-54-195 (UST/AST Location)	10,000 gallon waste oil UST	--	Drill Building #17B: W wall of Building #17B	--	Oct. 2004 Site History Report (List of Tanks removed, September 4, 1985)	Deed Notice
AOC-54-196 (UST/AST Location)	1000 gallon waste oil AST	--	Drill Building #17B: W wall of Building #17B	--	Oct. 2004 Site History Report (List of Tanks removed, September 4, 1985)	Deed Notice
AOC-54-197 (UST/AST Location)	5000 gallon DTE Light AST	--	Compressor/Turbo Building #25: SW corner of Building #25 (exterior)	--	Oct. 2004 Site History Report (1980 MD 3181; "Phillipsburg Facility #810, Liquid Storage Tank Information" dated 1/19/1988 (serving as the Key to MD 3181 rev. 5/23/1980))	Deed Notice
AOC-54-198 (UST/AST Location)	Three 10,500 gallon no. 2 fuel oil tanks	--	Outdoor Area: E of Building #13	--	Oct. 2004 Site History Report (1980 MD 3181; "Phillipsburg Facility #810, Liquid Storage Tank Information" dated 1/19/1988 (serving as the Key to MD 3181 rev. 5/23/1980))	Deed Notice
AOC-54-91 (UST/AST Location)	"Gas - Generator" AOC - 13	--	Drill Building #14: 60' South Building #14	--	Oct. 2004 Site History Report (#12739 5/18/1905)	Deed Notice
AOC-55 (Rail Lines)	Roller Track(s)	--	Rail lines were present throughout much of the Main Facility Area, as shown on Figure 2.	--	Oct. 2004 Site History Report (aerial photography; FIA 698 1922; FIA 698 1960)	Deed Notice
AOC-56-2 (Plating Operations)	Cadmium and Copper Plating Room, and possibly chrome plating area from unknown date	--	Drill Building #14: NE Building #14A (E. addition) 65' from N wall	--	Oct. 2004 Site History Report (Unnumbered drawing 10/8/1946; MD1413 4/14/1947; unknown date and unnumbered drawing)	Deed Notice
AOC-56-6 (Plating Operations)	Etching and Etching Acid Area	--	Drill Building #14: NE corner Building #14	--	Oct. 2004 Site History Report (1933 FIA map)	Deed Notice
AOC-56-3 (Plating Operations)	Chromium plating	--	Drill Building #14: S area	--	Oct. 2004 Site History Report (MD 1413 dated 4/14/47 and MD 1827 dated 9/21/51)	Deed Notice
AOC-56-5 (Plating Operations)	Copper Plating Vapor Degreaser	--	Drill Building #15A: W side Building #15A (possible)	--	Oct. 2004 Site History Report (MD 3028 5/25/1976)	Deed Notice
AOC-56-4 (Plating Operations)	Possible Plating Room with plating tank	--	Drill Building #20: location not known (map not available)	--	Oct. 2004 Site History Report (RI Flat File Index)	Deed Notice
AOC-57-4 (Boilers, Ovens, Furnaces, & Incinerators)	Oven	--	Compressor/Turbo Building #10: in NW corner of N end of Building #10 (Section 1)	--	Oct. 2004 Site History Report (Ingersoll Rand Turbo Product-Division Building #10 section 1)	Deed Notice
AOC-57-5 (Boilers, Ovens, Furnaces, & Incinerators)	Heat treat Furnace	--	Compressor/Turbo Building #11: SE corner of Building #11	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-57-6 (Boilers, Ovens, Furnaces, & Incinerators)	Furnace	--	Compressor/Turbo Building #25: furnace foundation is approximately 24' E of Building #8 wall and 19' to the center of the second and third I-beams from the Building #8/25 corner.	--	Oct. 2004 Site History Report (1936, MD780)	Deed Notice

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AOC-57-7 (Boilers, Ovens, Furnaces, & Incinerators)	2 Ovens	--	Compressor/Turbo Building #8: Building #8 Near Men's Locker Room	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-57-8 (Boilers, Ovens, Furnaces, & Incinerators)	2 Ovens	--	Compressor/Turbo Building #8: just W of tank in pit	--	Oct. 2004 Site History Report (Floor Plan & Location of lean-to addition North side Building #8 5-1-45 MD 1339)	Deed Notice
AOC-57-9 (Boilers, Ovens, Furnaces, & Incinerators)	Stress Relieve Furnace	--	Compressor/Turbo Building #9: middle 1/3 of Building #9 (Section 2) in center of N end near walkway	--	Oct. 2004 Site History Report (General Site Plan-not labeled (assumed 1990s))	Deed Notice
AOC-57-10 (Boilers, Ovens, Furnaces, & Incinerators)	Muffle Furnace	--	Drill Building #21: middle of W wall	--	Oct. 2004 Site History Report (1913 43037)	Deed Notice
AOC-57-11 (Boilers, Ovens, Furnaces, & Incinerators)	Forges, Oil Furnaces	--	Drill Building #13	--	Oct. 2004 Site History Report (#A-9407 8/19/1911)	Deed Notice
AOC-57-12 (Boilers, Ovens, Furnaces, & Incinerators)	Furnaces, Lead pot	--	Drill Building #13	--	Oct. 2004 Site History Report (FD 10658-F 5/5/1950)	Deed Notice
AOC-57-13 (Boilers, Ovens, Furnaces, & Incinerators)	Furnaces	--	Drill Building #13	--	Oct. 2004 Site History Report (#16628 3/8/1905)	Deed Notice
AOC-57-14 (Boilers, Ovens, Furnaces, & Incinerators)	6 Oil Furnaces	--	Drill Building #13: N side Building #13	--	Oct. 2004 Site History Report (#17479 11/15/1905)	Deed Notice
AOC-57-15 (Boilers, Ovens, Furnaces, & Incinerators)	Case Hardening Furnace, Blacksmith Forge, Oil Tempering Pot furnace	--	Drill Building #14	--	Oct. 2004 Site History Report (#91675A 1924)	Deed Notice
AOC-57-16 (Boilers, Ovens, Furnaces, & Incinerators)	3 Annealing and 2 Hardening furnaces	--	Drill Building #14: E Building #14	--	Oct. 2004 Site History Report (#3121 9/3/1903)	Deed Notice
AOC-57-17 (Boilers, Ovens, Furnaces, & Incinerators)	3 Straightening Presses, Hot Pot	--	Drill Building #14: S. Central Building #14	--	Oct. 2004 Site History Report (#3121 9/3/1903)	Deed Notice
AOC-57-18 (Boilers, Ovens, Furnaces, & Incinerators)	Assorted furnaces (2 Lead Pot Furnaces, Muffle Furnace, 2 Solution Pot Furnaces, Piston Tempering Pot Furnace)	--	Drill Building #14: SW corner Building #14	--	Oct. 2004 Site History Report (#1321 9/3/1903)	Deed Notice
AOC-57-19 (Boilers, Ovens, Furnaces, & Incinerators)	Temper Furnace, Gas Forge	--	Drill Building #14: W. Central Building #14	--	Oct. 2004 Site History Report (#3121 9/3/1903)	Deed Notice
AOC-57-20 (Boilers, Ovens, Furnaces, & Incinerators)	Electric Furnace	--	Drill Building #15: SW corner Building #15A	--	Oct. 2004 Site History Report (MD410 rev 12/01/1949)	Deed Notice
AOC-57-21 (Boilers, Ovens, Furnaces, & Incinerators)	Experimental Furnace Testing Area	--	Drill Building #20: 1st floor	--	Oct. 2004 Site History Report (1960 FIA plan)	Deed Notice
AOC-57-22 (Boilers, Ovens, Furnaces, & Incinerators)	Ajax induction furnace	--	Drill Building #20: no specific information provided	--	Oct. 2004 Site History Report (Facility records (RI flat file index, 1948 drawing reference))	Deed Notice
AOC-57-23 (Boilers, Ovens, Furnaces, & Incinerators)	Case Hardening Furnaces(4)	--	Drill Building #21: N Side of E Wall	--	Oct. 2004 Site History Report (43037)	Deed Notice
AOC-57-24 (Boilers, Ovens, Furnaces, & Incinerators)	Lead Pots (12) and 1 long lead pot	--	Drill Building #21: along W wall, central area	--	Oct. 2004 Site History Report (1913 43037; 1913 44838)	Deed Notice
AOC-57-25 (Boilers, Ovens, Furnaces, & Incinerators)	Lead Furnace	--	Drill Building #21: Along E Wall	--	Oct. 2004 Site History Report (1913 #43037)	Deed Notice
AOC-57-26 (Boilers, Ovens, Furnaces, & Incinerators)	3 Possible muffle furnaces, labeled MF	--	Drill Building #21: Central part of W wall	--	Oct. 2004 Site History Report (1913 #43037)	Deed Notice
AOC-57-27 (Boilers, Ovens, Furnaces, & Incinerators)	Two Ferguson Double oil treating furnaces	--	Drill Building #21: Locked in NE corner of Building #21	--	Oct. 2004 Site History Report (1913 #43037)	Deed Notice
AOC-57-28 (Boilers, Ovens, Furnaces, & Incinerators)	Austenitizing Furnace	--	Drill Building #13: W end of Building #13	--	Oct. 2004 Site History Report (MD2657 10/6/1966)	Deed Notice
AOC-57-29 (Boilers, Ovens, Furnaces, & Incinerators)	6 Forges	--	Drill Building #14: NW corner Building #14	--	Oct. 2004 Site History Report (#3121 9/3/1903)	Deed Notice
AOC-57-31 (Boilers, Ovens, Furnaces, & Incinerators)	Building #21 Three Tempering Pots for dyes	--	Drill Building #21: SW corner of Building #21	--	Oct. 2004 Site History Report (1913 #43037)	Deed Notice
AOC-57-35 (Boilers, Ovens, Furnaces, & Incinerators)	Paint operations oven (probably for drying painted surfaces)	--	Drill Building #7: N third (Section 1) of the Building # 7; S of I-beam 27	--	Oct. 2004 Site History Report (Ingersoll-Rand Company Turbo Product Division Building #7, Sec. 1)	Deed Notice
AOC-57-37 (Boilers, Ovens, Furnaces, & Incinerators)	Incinerator	No Exceedances of Applicable Criteria	Drill Outdoor Area: 110' E Building #17's SE corner, 140' S of Building #23 W Extension	--	1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co."	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-57-38 (Boilers, Ovens, Furnaces, & Incinerators)	Incinerator SE of #17	--	Drill Outdoor Area: approximately 110' SE from NE corner Building #17	--	Oct. 2004 Site History Report (FIAM-1933; 1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co.")	Deed Notice

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AOC-57-45 (Boilers, Ovens, Furnaces, & Incinerators)	4 Ovens	--	Compressor/Turbo Building #10: N 1/3 of Building #10 (Section 1); 5' W of center line of I-beams from I-beam 10-21 to S 3' of I-beam 10-22 (W of "D" I-beams)	--	Oct. 2004 Site History Report (Ingersoll Rand Turbo Product-Division Building #10 section 1)	Deed Notice
AOC-57-55 (Boilers, Ovens, Furnaces, & Incinerators)	Oven	--	Compressor/Turbo Building #11: Located in center 1/3 of Building #11. Center is 19' from center between I-beams 11-19 & 11-20 & 13.5' N of SW corner to I-beams 11-19 & 11-20	--	Oct. 2004 Site History Report (Ingersoll-Rand Company Turbo Product Division Building #11 section 2)	Deed Notice
AOC-57-59 (Boilers, Ovens, Furnaces, & Incinerators)	Boiler Room: Boiler Pits	--	General Building #12	--	Oct. 2004 Site History Report (1919 #111179)	Deed Notice
AOC-57-60 (Boilers, Ovens, Furnaces, & Incinerators)	Boiler Room: Possible Auxiliary Boiler	--	General Building #12 (exterior): 2' NE of NE corner of Conveyor House; about 37' NE of NW corner of Building #12.	--	Oct. 2004 Site History Report (1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co."; 1917 "Map of Tracks and Building #s Showing Layout on East Side of Plant", no number; 1958 MD 2347)	Deed Notice
AOC-57-61 (Boilers, Ovens, Furnaces, & Incinerators)	Boiler Room: Boilers (minimum 4, maximum 18)	--	General Building #12 and 12A	--	Oct. 2004 Site History Report (1905 FIA 698-A; 1903 #11861(rev 1916); 1919 #110407; FIA Plan 1922 698-C; 1982 MD 3599; 1997 MD 3870)	Deed Notice
AOC-57-62 (Boilers, Ovens, Furnaces, & Incinerators)	Boiler Room: Breechings and Economizers	--	General Building #12: Above boilers in Main Building #12	--	Oct. 2004 Site History Report (1903 #11861(rev 1916))	Deed Notice
AOC-57-64 (Boilers, Ovens, Furnaces, & Incinerators)	Ferguson Double oil treating furnace	--	General Building #12: NW side of Building #12 across N wall of Building #	--	Oct. 2004 Site History Report (1962 MD-2506)	Deed Notice
AOC-57-66 (Boilers, Ovens, Furnaces, & Incinerators)	Boiler Room: Possible New Rotary Engine and Boiler Room	--	General Building #12: S of possibly the Conveyor House, which was labeled planned "New Oil Recovery Room"	--	Oct. 2004 Site History Report (MD 3403)	Deed Notice
AOC-57-67 (Boilers, Ovens, Furnaces, & Incinerators)	Possible waste oil/solvent burning boiler (Boiler 8)	--	General Building #12: unknown location	--	Oct. 2004 Site History Report (April 11, 1985 memo from Bruce Ferretti (Manager, Facilities Engineering) to Sam Bodder (Powerhouse Superintendent) re: incineration of solvents)	Deed Notice
AOC-57-68 (Boilers, Ovens, Furnaces, & Incinerators)	Boiler Room: Super-heater	--	General Building #12A: NE corner is 85' from NE corner of Building #12A & 145' from NW corner of Building #12A	--	Oct. 2004 Site History Report (1962 MD2506)	Deed Notice
AOC-57-73 (Boilers, Ovens, Furnaces, & Incinerators)	Furnace Foundation	--	Compressor/Turbo Building #25: Inside Building #25. SW corner of foundation is 18' from Building #8 wall.	--	Oct. 2004 Site History Report (General Layout Building #25 for Test Bases; May 29, 1936; M.D. 780)	Deed Notice
AOC-58 (Fill)	Fill	PAH/BNA, Metals	Fill is present throughout much of the Main Facility Area, as shown on Figure 2.	--	Oct. 2004 Site History Report	Map Locations Based on Recent and Historical Soil Borings & Deed Notice
AOC-59 (Roof Vents & Roof Drains)	Stacks, roof drains, vents.	--	It is assumed that a roof vent and roof drain system existed for every former Building # D28	--	Oct. 2004 Site History Report	Deed Notice
AOC-60-34 (Scrap Pad, Storage Area, or Process Area)	Pit: Pit with Discharge Line	--	Compressor/Turbo Building #10 Lean To	--	Oct. 2004 Site History Report (Extension to Pit West Lean To #10 shop Nov. 29, 1940 MD 972)	Deed Notice
AOC-60-35 (Scrap Pad, Storage Area, or Process Area)	Process Area: air Sonic Stripper, possibly part of water treatment system	--	Compressor/Turbo Building #11: between 11-3 and 11-4 (in Parts Cleaning Area)	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-60-37 (Scrap Pad, Storage Area, or Process Area)	Process Area: "Paint Room"	--	Drill Building #7: Paint room, Building #7-E located at SE corner of Building #7	--	Oct. 2004 Site History Report (FIA April 6, 1933 #698)	Deed Notice
AOC-60-38 (Scrap Pad, Storage Area, or Process Area)	Process Area: Weld Booth	--	Compressor/Turbo Building #8; located in Building #8 just N of Building #10	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-60-39 (Scrap Pad, Storage Area, or Process Area)	Process Area: Oil Spray booth	--	Compressor/Turbo Building #10: In Building #10 1/3 way S down E wall	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-60-40 (Scrap Pad, Storage Area, or Process Area)	Pit: smaller section of pit	--	Compressor/Turbo Building #10: In Building #10 runs E-W; NE corner of pit is 13' W of door on E wall and 64' S of N wall (appears to be part of l-shaped pit)	--	Oct. 2004 Site History Report (No. 10 shop North End 5-16-1927)	Deed Notice
AOC-60-41 (Scrap Pad, Storage Area, or Process Area)	Pit: Pit (L-shaped)	--	Compressor/Turbo Building #10: At Building #10 in center S of Building #8 shop opening SW corner of pit is 64' from w wall; 70' S of SE corner of pit is 32' from Building #10 E wall	--	Oct. 2004 Site History Report (No. 10 shop North End 5-16-1927)	Deed Notice
AOC-60-42 (Scrap Pad, Storage Area, or Process Area)	Process Area: Mixer Building	--	Compressor/Turbo Building #11: S of Building #11 SE corner E of RR tracks	--	Oct. 2004 Site History Report (Ingersoll-Rand Phillipsburg Plant (no scale))	Deed Notice
AOC-60-43 (Scrap Pad, Storage Area, or Process Area)	Process Area: Dust Collector	--	Compressor/Turbo Building #11: Building #11 off Grind area near NW corner in I-beam 11.17 area	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-60-44 (Scrap Pad, Storage Area, or Process Area)	Process Area: Parts Cleaning Area	--	Compressor/Turbo Building #11: in Building #11 W of I-Beam 11-4	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-60-45 (Scrap Pad, Storage Area, or Process Area)	Process Area: Painting Area "Drain and Clean"	--	Compressor/Turbo Building #11: In Building #11; 53' E of inside NW corner 32' S of Building #N wall W of I-beams	--	Oct. 2004 Site History Report (New Shop in Phillipsburg Laid Out for Compressor Assembly & Testing and Oil Engines Assembly and Testing Shop No. 11 5-28-47)	Deed Notice
AOC-60-46 (Scrap Pad, Storage Area, or Process Area)	Storage: Oil barrel rack and oil supply rack	--	Compressor/Turbo Building #11: N 1/3 of Building #11; NW of parts cleaning area at I-Beam 11.7	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice

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AOC-60-47 (Scrap Pad, Storage Area, or Process Area)	Storage: Lube Rack	--	Compressor/Turbo Building #11: inside Building #11 at center of S wall just W of tracks in floor	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-60-48 (Scrap Pad, Storage Area, or Process Area)	Process Area: Experimental Oil Engine Area	--	Compressor/Turbo Building #25	--	Oct. 2004 Site History Report (1936 Facility Drawings)	Deed Notice
AOC-60-49 (Scrap Pad, Storage Area, or Process Area)	Pit: Press pit	--	Compressor/Turbo Building #25: near SW corner of pit 15.5' E of Building #8 wall	--	Oct. 2004 Site History Report (General Layout Building #25 for Test Bases; May 29, 1936; M.D. 780)	Deed Notice
AOC-60-50 (Scrap Pad, Storage Area, or Process Area)	Process Area: Skid Wash	--	Compressor/Turbo Building #8: Building #8 W of Paint Booth	--	Oct. 2004 Site History Report (Skid Wash Booth Sheet 1-4 Bay 8-20-N; 2-10-92 drawing MD 3858)	Deed Notice
AOC-60-51 (Scrap Pad, Storage Area, or Process Area)	Process Area: Nitrogen Generator	--	Compressor/Turbo Building #8: Approximately 65' N. Building #8, immediately W. of substation (possibly #1)	--	Oct. 2004 Site History Report (7/30/1974 no #)	Deed Notice
AOC-60-52 (Scrap Pad, Storage Area, or Process Area)	Process Area: Paint Booth(2)	--	Compressor/Turbo Building #8: Building #8 just N of Building #10	--	Oct. 2004 Site History Report (Map not labeled, general drawing of Building #1990s (assumed))	Deed Notice
AOC-60-53 (Scrap Pad, Storage Area, or Process Area)	Process Area: oil reclaiming	Oil	Compressor/Turbo Building #8: Building #8 W side, near SW corner of Building #7.	--	Oct. 2004 Site History Report (FIA Map April 6, 1933; #698)	Deed Notice
AOC-60-54 (Scrap Pad, Storage Area, or Process Area)	Pit: Pit Foundation	--	Compressor/Turbo Building #8: located 17' S of Building #8 wall and 5' W of wall	--	Oct. 2004 Site History Report (Proposed layout Building #25 showing s+J236liding sash for F.S. Blower Discharge. March 3, 1936)	Deed Notice
AOC-60-55 (Scrap Pad, Storage Area, or Process Area)	Process Area: Building #9 Chip Discharge	No Exceedances of Applicable Criteria	Compressor/Turbo Building #9: Located by Building #9 Bay 13, possibly outside of the Building #9. Chip discharge on the same side of the Building # 9 as a coolant tank.	--	Oct. 2004 Site History Report (Heid S500 CNC Turning Cell Machine Location 9-13 RI-203; MD 3853 2-7-92 Sheet 1 of 2)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-60-56 (Scrap Pad, Storage Area, or Process Area)	Loading: Truck Unload Station	--	Compressor/Turbo outdoor area: 110' S from N end of tanks (W side of RR tracks entering Building #11)	--	Oct. 2004 Site History Report (Ingersoll-Rand Phillipsburg Plant (no scale))	Deed Notice
AOC-60-57 (Scrap Pad, Storage Area, or Process Area)	Storage: Lubricating Oil Storage Room	No Exceedances of Applicable Criteria	Compressor/Turbo Outdoor Area: Courtyard, Corner Buildings #7 and #8	--	Oct. 2004 Site History Report (MD1417 rev 12/1/1947 1960 FIA map)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-60-58 (Scrap Pad, Storage Area, or Process Area)	Process Area: Vaporizer, possibly part of a water cooling system or oil separator system	--	Compressor/Turbo Outside Area: Outside and S of Building #11, S of Mixer Building	--	Oct. 2004 Site History Report (Ingersoll-Rand Phillipsburg Plant (no scale))	Deed Notice
AOC-60-59 (Scrap Pad, Storage Area, or Process Area)	Storage: RR-steel storage	--	Compressor/Turbo Outside Storage Near Buildings #55 & #91: located S of Macadam Rd on S side of Building #55, N of Building #91 track comes in E of Building #91	--	Oct. 2004 Site History Report (Steel Storage Compressor Division 11-4-53(?) MD 1980)	Deed Notice
AOC-60-60 (Scrap Pad, Storage Area, or Process Area)	Storage: Mixed Gas Compressor Skid	--	Compressor/Turbo Skid Outside Building #11: along E side of Building #11(outside) Near NE corner with Building #8 S end of skid is 262' N of SE corner of Building #11	--	Oct. 2004 Site History Report (Ingersoll-Rand Phillipsburg Plant (no scale))	Deed Notice
AOC-60-61 (Scrap Pad, Storage Area, or Process Area)	Process Area: Lead coating	No Exceedances of Applicable Criteria	Drill Building #23: W lean-to	--	Oct. 2004 Site History Report (no # 6/4/1937)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-60-62 (Scrap Pad, Storage Area, or Process Area)	Process Area: Heat Treating activities	--	Drill Building #13	--	Oct. 2004 Site History Report (1966 MD 2657)	Deed Notice
AOC-60-63 (Scrap Pad, Storage Area, or Process Area)	Process Area: Possible oil and coolant room	--	Drill Building #13	--	Oct. 2004 Site History Report (1981 MD 3520)	Deed Notice
AOC-60-64 (Scrap Pad, Storage Area, or Process Area)	Storage: Forge scrap Bin	--	Drill Building #13: 65' E and 15' N of 1905 Building #13	--	Oct. 2004 Site History Report (1905 FIA map)	Deed Notice
AOC-60-65 (Scrap Pad, Storage Area, or Process Area)	Storage: Scrap Metal Pad and possible Bins E. Building #13	--	Drill Building #13: E of Building #13, adjacent to hydrant #32	--	Oct. 2004 Site History Report (MD 1960)	Deed Notice
AOC-60-66 (Scrap Pad, Storage Area, or Process Area)	Storage: Fuel oil storage and oil pump	--	Drill Building #13: NE corner Building #13	--	Oct. 2004 Site History Report (#17479 11/15/1905)	Deed Notice
AOC-60-67 (Scrap Pad, Storage Area, or Process Area)	Process Area: Heat Treating activities	--	Drill Building #14	--	Oct. 2004 Site History Report (1903 #3121; #91675A 1924)	Deed Notice
AOC-60-68 (Scrap Pad, Storage Area, or Process Area)	Process Area: Degreasing activities	--	Drill Building #14: 30' N. of SE corner Building #14 E. lean to	--	Oct. 2004 Site History Report (1947 MD 1413; 1951 MD 1827)	Deed Notice
AOC-60-69 (Scrap Pad, Storage Area, or Process Area)	Pit: Cooling pit	--	Drill Building #14: below cooling shed, pit may have been located between the 2 quench oil tanks (AOC 12)	--	Oct. 2004 Site History Report (1974 Electrical plans)	Deed Notice
AOC-60-70 (Scrap Pad, Storage Area, or Process Area)	Process Area: Sand Blast House	--	Drill Building #14: NW Addition. Building #14	--	Oct. 2004 Site History Report (1913 FIA map)	Deed Notice
AOC-60-71 (Scrap Pad, Storage Area, or Process Area)	Process Area: Cooling Shed	--	Drill Building #14: S. end Building #14	--	Oct. 2004 Site History Report (1922 FIA map)	Deed Notice
AOC-60-72 (Scrap Pad, Storage Area, or Process Area)	Process Area: "Maxim" Gas machine	--	Drill Building #14: SW corner Building #14	--	Oct. 2004 Site History Report (#22869 6/12/1907)	Deed Notice
AOC-60-73 (Scrap Pad, Storage Area, or Process Area)	Process Area: Proposed shot peening activities	--	Drill Building #15	--	Oct. 2004 Site History Report (MD 3028 5/25/1976)	Deed Notice

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AOC-60-74 (Scrap Pad, Storage Area, or Process Area)	Process Area: Drill cleaning room	--	Drill Building #15 addition to NE against Building #17	--	Oct. 2004 Site History Report (T36943 11/4/1919)	Deed Notice
AOC-60-75 (Scrap Pad, Storage Area, or Process Area)	Pit	--	Drill Building #15: 21' from W wall 14' from S wall	--	Oct. 2004 Site History Report (MD 3028 5/25/1976)	Deed Notice
AOC-60-76 (Scrap Pad, Storage Area, or Process Area)	Process Area: Degreaser	--	Drill Building #15: NE corner Building #15	--	Oct. 2004 Site History Report (MD410 rev 12/01/1949)	Deed Notice
AOC-60-78 (Scrap Pad, Storage Area, or Process Area)	Process Area: Welding room	--	Drill Building #17	--	Oct. 2004 Site History Report (T36941 11/4/1919)	Deed Notice
AOC-60-79 (Scrap Pad, Storage Area, or Process Area)	Process Area: Dust Arrestor	--	Drill Building #17 Bay 1	--	Oct. 2004 Site History Report (T36943 11/4/1919)	Deed Notice
AOC-60-80 (Scrap Pad, Storage Area, or Process Area)	Process Area: Sand Blast	--	Drill Building #17 Bay 1	--	Oct. 2004 Site History Report (T36943 11/4/1919)	Deed Notice
AOC-60-81 (Scrap Pad, Storage Area, or Process Area)	Process Area: Coolant Recovery System	--	Drill Building #17/17B: On the border of Buildings #17B and #17	--	Oct. 2004 Site History Report (MD3480, 12/16/1983)	Deed Notice
AOC-60-82 (Scrap Pad, Storage Area, or Process Area)	Process Area: "Washing Machine"	--	Drill Building #17: 180' W. of E. wall Building #17, Bay #6	--	Oct. 2004 Site History Report (MD2828 12/3/1971)	Deed Notice
AOC-60-83 (Scrap Pad, Storage Area, or Process Area)	Process Area: Pickling Shed	--	Drill Building #17: 310' S. of N. wall Building #17, 35' East	--	Oct. 2004 Site History Report (1913 FIA map)	Deed Notice
AOC-60-84 (Scrap Pad, Storage Area, or Process Area)	Process Area: Sludge Collector	--	Drill Building #17: 40' N UST vault on Building #17E Wall	--	Oct. 2004 Site History Report (MD2828 12/3/1971)	Deed Notice
AOC-60-87 (Scrap Pad, Storage Area, or Process Area)	Storage: Lard Oil Misc. Storage Shed "0" AKA Building #63C	--	Drill Building #17: E, Building #17	--	Oct. 2004 Site History Report (1933 FIA map)	Deed Notice
AOC-60-88 (Scrap Pad, Storage Area, or Process Area)	Process Area: Piston Testing Building	--	Drill Building #17: E. Building #17	--	Oct. 2004 Site History Report (T36941 11/4/1919)	Deed Notice
AOC-60-89 (Scrap Pad, Storage Area, or Process Area)	Pit: High Power Gasoline Pit	--	Drill Building #17: E. of Building #17 Bay 15/16 line	--	Oct. 2004 Site History Report (T36941 11/4/1919)	Deed Notice
AOC-60-90 (Scrap Pad, Storage Area, or Process Area)	Process Area: Reclaiming room	--	Drill Building #17: N. of 3 USTs, E. Building #17	--	Oct. 2004 Site History Report (1957 electrical plan)	Deed Notice
AOC-60-91 (Scrap Pad, Storage Area, or Process Area)	Pit: Barrel Drain Pit	--	Drill Building #17: UST Vault E. Building #17	--	Oct. 2004 Site History Report (MD2828 12/3/1971)	Deed Notice
AOC-60-92 (Scrap Pad, Storage Area, or Process Area)	Storage: sand silo	--	Drill Building #17B (proposed)	--	Oct. 2004 Site History Report (MD3645 1/29/86)	Deed Notice
AOC-60-93 (Scrap Pad, Storage Area, or Process Area)	Process Area: Laser Lab	--	Drill Building #17B (proposed)	--	Oct. 2004 Site History Report (MD3645 1/29/86)	Deed Notice
AOC-60-94 (Scrap Pad, Storage Area, or Process Area)	Process Area: Drill parts manufacture area	--	Drill Building #17B (proposed)	--	Oct. 2004 Site History Report (MD3348)	Deed Notice
AOC-60-95 (Scrap Pad, Storage Area, or Process Area)	Process Area: Paint Area	--	Drill Building #17B (proposed)	--	Oct. 2004 Site History Report (MD3348)	Deed Notice
AOC-60-96 (Scrap Pad, Storage Area, or Process Area)	Process Area: Chemical Lab Building #20 Floor 2 Metallurgist	--	Drill Building #20: 15.5' from unknown corner	--	Oct. 2004 Site History Report (110466)	Deed Notice
AOC-60-97 (Scrap Pad, Storage Area, or Process Area)	Process Area: Building #20 Floor 2 Metallographic Lab	--	Drill Building #20: Bordering darkroom and stairwell	--	Oct. 2004 Site History Report (110466)	Deed Notice
AOC-60-98 (Scrap Pad, Storage Area, or Process Area)	Process Area: Building #20 1st floor Silver generators	--	Drill Building #20: Located toward the S end of the Building #20, in central location	--	Oct. 2004 Site History Report (MD1955)	Deed Notice
AOC-60-99 (Scrap Pad, Storage Area, or Process Area)	Process Area: Building #20 1st floor oil area	No Exceedances of Applicable Criteria	Drill Building #20: Room 110 N side of 1st floor	--	Oct. 2004 Site History Report (MD-3167-4)	Deed Notice
AOC-60-100 (Scrap Pad, Storage Area, or Process Area)	Process Area: Building #21 Sand Blast room	--	Drill Building #21: NW corner Building #21	--	Oct. 2004 Site History Report (43037)	Deed Notice
AOC-60-107 (Scrap Pad, Storage Area, or Process Area)	Pit: Forge Press Pit	No Exceedances of Applicable Criteria	Drill Building #23 Extension	--	Oct. 2004 Site History Report (#94911 9/16/1918)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-60-108 (Scrap Pad, Storage Area, or Process Area)	Process Area: Lead coating operations (possibly containing acid tank, soda tank, lead pot, and slush pot)	No Exceedances of Applicable Criteria	Drill Building #23 lean-to	--	Oct. 2004 Site History Report (no drawing number, dated 6/4/37)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice

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AOC-60-118 (Scrap Pad, Storage Area, or Process Area)	Pit: Drill Pit	--	Drill Building #7: Bay 7.4 Building #7 center	--	Oct. 2004 Site History Report (map no #, no date)	Deed Notice
AOC-60-119 (Scrap Pad, Storage Area, or Process Area)	Pit: Navy Test Pit	--	Drill Building #7: Bay 7.4 E side	--	Oct. 2004 Site History Report (map no #, no date)	Deed Notice
AOC-60-120 (Scrap Pad, Storage Area, or Process Area)	Process Area: 5 Paint Spray Exhaust Chambers	--	Drill Building #7: E wall Building #7 80' N Building #8	--	Oct. 2004 Site History Report (MD2565 3/11/1964)	Deed Notice
AOC-60-121 (Scrap Pad, Storage Area, or Process Area)	Pit: Cylinder Test Pit	--	Drill Building #7	--	Oct. 2004 Site History Report (MD557 11/1929)	Deed Notice
AOC-60-122 (Scrap Pad, Storage Area, or Process Area)	Process Area: 40,000 lb. scale	--	Drill Building #7	--	Oct. 2004 Site History Report (#11839 3/10/1903)	Deed Notice
AOC-60-123 (Scrap Pad, Storage Area, or Process Area)	Process Area: Paint Room sometimes called 7E	--	Drill Building #7E: Immediately N of Basement Passageway	--	Oct. 2004 Site History Report (1922 FIA map; 1960 FIA map)	Deed Notice
AOC-60-124 (Scrap Pad, Storage Area, or Process Area)	Process Area: Oil Staging	--	Drill Building #83: N 1/3 of Building #83	--	Oct. 2004 Site History Report (1960 FIA)	Deed Notice
AOC-60-125 (Scrap Pad, Storage Area, or Process Area)	Storage: metal Bin	--	Drill Building #90: N End Building #90	--	Oct. 2004 Site History Report (1960 FIA)	Deed Notice
AOC-60-126 (Scrap Pad, Storage Area, or Process Area)	Process Area: Paint area	--	Drill Building #90: W central Building #90	--	Oct. 2004 Site History Report (1960 FIA)	Deed Notice
AOC-60-127 (Scrap Pad, Storage Area, or Process Area)	Storage: drum stage area	--	Drill Building #90: W end Building #90	--	Oct. 2004 Site History Report (1960 FIA)	Deed Notice
AOC-60-128 (Scrap Pad, Storage Area, or Process Area)	Storage: Shaving and Scrap Bin	--	Drill Outdoor Area: 110' S of N wall Building #17, 25' from E wall of Building #17	--	Oct. 2004 Site History Report (1905 FIA map)	Deed Notice
AOC-60-129 (Scrap Pad, Storage Area, or Process Area)	Process Area: Acetylene House	--	Drill Outdoor Area: 40' S Building #14 (original); 25' E Building #7 (original)	--	Oct. 2004 Site History Report (1922 FIA map)	Deed Notice
AOC-60-130 (Scrap Pad, Storage Area, or Process Area)	Pit: Service Pit	No Exceedances of Applicable Criteria	Drill Outdoor Area: 68' S of subway, 9' E of Building #7 W lean to W wall	--	Oct. 2004 Site History Report (MD807 12/30/36)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-60-131 (Scrap Pad, Storage Area, or Process Area)	Dump: Trash Dump E. Building #13	--	Drill Outdoor Area: E of Building #13	--	Oct. 2004 Site History Report (MD 1960)	Deed Notice
AOC-60-132 (Scrap Pad, Storage Area, or Process Area)	Caustic and Acid Storage in Coal Shed Addition	--	General Building #12: In former coal shed, Building #12 addition on E wall	--	Oct. 2004 Site History Report (Map #MD 3599 (1982); Map #MD 3870 (1997); Map #MD 3207 (1977))	Deed Notice
AOC-60-190 (Scrap Pad, Storage Area, or Process Area)	Storage: Ash Hoppers	--	General Building #12	--	Oct. 2004 Site History Report (1919 #111180)	Deed Notice
AOC-60-191 (Scrap Pad, Storage Area, or Process Area)	Storage: Ash Bin	--	General Building #12 top story	--	Oct. 2004 Site History Report (1903 #11861(rev 1916))	Deed Notice
AOC-60-192 (Scrap Pad, Storage Area, or Process Area)	Pit: Undefined well, possible wet well return to spray pond	--	General Building #12/12A: along division of Building #12/12A about 60' S of NE corner of Building #12 and about 112' SE of NW corner of Building #12A	--	Oct. 2004 Site History Report (1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co.")	Deed Notice
AOC-60-193 (Scrap Pad, Storage Area, or Process Area)	Loading: Ash Chutes	--	General Building #12: Below boilers in basement	--	Oct. 2004 Site History Report (1903 #11861(rev 1916))	Deed Notice
AOC-60-194 (Scrap Pad, Storage Area, or Process Area)	Process Area: Steel Experimental Building	--	General Building #12: Central area of S wall of Building #12	--	Oct. 2004 Site History Report (1913 698-B;1922 698C)	Deed Notice
AOC-60-195 (Scrap Pad, Storage Area, or Process Area)	Process Area: New Oil Recovery Room (unconfirmed)	--	General Building #12: Former Conveyor House; Building #12 addition on E wall	--	Oct. 2004 Site History Report (MD3403)	Deed Notice

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AOC-60-196 (Scrap Pad, Storage Area, or Process Area)	Hydraulic: Elevator in Conveyor House	--	General Building #12: Inside Conveyor House	--	Oct. 2004 Site History Report (1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co."; "Proposed Diversion Box and Boiler blow down Bypass", unknown date/no number)	Deed Notice
AOC-60-197 (Scrap Pad, Storage Area, or Process Area)	Process Area: Conveyor & area below conveyor	--	General Building #12: N wall of Building #12	--	Oct. 2004 Site History Report (1903 #11861(rev 1916))	Deed Notice
AOC-60-198 (Scrap Pad, Storage Area, or Process Area)	Storage: Carpentry Shop Storage Shed, eastern wall	No Exceedances of Applicable Criteria	General Building #5	--	Oct. 2004 Site History Report (1922 FIA Plan 698-D)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-60-199 (Scrap Pad, Storage Area, or Process Area)	Process Area: Hygienist Lab	--	General Building #5	--	Oct. 2004 Site History Report (1976 MD 3027)	Deed Notice
AOC-60-200 (Scrap Pad, Storage Area, or Process Area)	Pit: Pit SE of Building #11.	--	General Main Powerhouse area: About 22' SE of SE corner of Building #11 and about 80' SW of SW corner of Building #29.	--	Oct. 2004 Site History Report (1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co.")	Deed Notice
AOC-60-201 (Scrap Pad, Storage Area, or Process Area)	Pit: Unknown Pit, West of Building #12, North of Subway	--	General Main Powerhouse area: About 53' SW of NW corner of Building #12A and about 90' NW of SW corner Building #11.	--	Oct. 2004 Site History Report (1904 (periodic revisions) General Map: "Phillipsburg Plant of Ingersoll-Sergeant Drill Co.")	Deed Notice
AOC-60-205 (Scrap Pad, Storage Area, or Process Area)	Oil purifying Building #	--	Drill Building #17: against the outside E wall of Building #17, about 50' from the (shared) NE corner of Building #16	--	Oct. 2004 Site History Report (1933 FIA Plan 698B)	Deed Notice
AOC-60-208 (Scrap Pad, Storage Area, or Process Area)	Hydraulic system: 5,000 lb. scale	--	Drill Building #7 Depressed Track	--	Oct. 2004 Site History Report (#11839 3/10/1903)	Deed Notice
AOC-60-209 (Scrap Pad, Storage Area, or Process Area)	Solvent Storage Shed	No Exceedances of Applicable Criteria	Compressor Building #9: South of Building #9	--	Oct. 2004 Site History Report (unknown)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-60-210 (Scrap Pad, Storage Area, or Process Area)	Hydraulic system: 1st Passenger elevator	No Exceedances of Applicable Criteria	Drill Building #20: inside Building #20	--	Oct. 2004 Site History Report (unknown)	Modified Grid Site Investigation Sampling, Delineation, Deed Notice
AOC-60-211 (Scrap Pad, Storage Area, or Process Area)	Hydraulic system: 2nd Passenger elevator	--	Drill Building #20: (2nd elevator) inside Building #20	--	Oct. 2004 Site History Report (unknown)	Deed Notice

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A0108.0	638636	6/2/2005	8 - 8.5	N	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	8 - 8.5	N	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	8 - 8.5	N	Soil	Volatile Organics (8260B)	Z541	None
		6/2/2005	8 - 8.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None
		6/2/2005	8 - 8.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
		6/2/2005	8 - 8.5	N	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
A0108.D	638637	6/2/2005	8 - 8.5	Y	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
		6/2/2005	8 - 8.5	Y	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
		6/2/2005	8 - 8.5	Y	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	8 - 8.5	Y	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	8 - 8.5	Y	Soil	Volatile Organics (8260B)	Z541	None
		6/2/2005	8 - 8.5	Y	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None

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Soil Sample Summary
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A0119.5	638638	6/2/2005	19.5 - 20	N	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
		6/2/2005	19.5 - 20	N	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	19.5 - 20	N	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
		6/2/2005	19.5 - 20	N	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	19.5 - 20	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None
		6/2/2005	19.5 - 20	N	Soil	Volatile Organics (8260B)	Z541	None
A0511.5	639322	6/3/2005	11.5 - 12	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	11.5 - 12	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	11.5 - 12	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	11.5 - 12	N	Soil	PCB (8082)	Z674	None
		6/3/2005	11.5 - 12	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	11.5 - 12	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	None
	646511	6/3/2005	11.5 - 12	N	Soil	Select Metals (6010B)	A989	None

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
A0514.5	634064	5/18/2005	14.5 - 15	N	Soil	Base-Neutral Organics/PAHs (8270C)	Y735	None
		5/18/2005	14.5 - 15	N	Soil	Select Metals (6010B)	Y735	Zn Sam Dup RPD(s) is outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within Q.C. limits). Sb MS recovery is outside Q.C. limits, failure attributed to MI (LCS/Blank SR within Q.C. limits).
		5/18/2005	14.5 - 15	N	Soil	Volatile Organics (8260B)	Y735	None
		5/18/2005	14.5 - 15	N	Soil	PCB (8082)	Y735	None
		5/18/2005	14.5 - 15	N	Soil	Mercury, Solid Waste (7471A)	Y735	None
		5/18/2005	14.5 - 15	N	Soil	Petroleum Hydrocarbons (418.1)	Y735	None
A0523.5	639323	6/3/2005	23.5 - 24	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	23.5 - 24	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	23.5 - 24	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	23.5 - 24	N	Soil	PCB (8082)	Z674	None
		6/3/2005	23.5 - 24	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	23.5 - 24	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	None

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
A0911.5	634065	5/18/2005	11.5 - 12	N	Soil	Petroleum Hydrocarbons (418.1)	Y735	None
		5/18/2005	11.5 - 12	N	Soil	Mercury, Solid Waste (7471A)	Y735	None
		5/18/2005	11.5 - 12	N	Soil	Select Metals (6010B)	Y735	Zn Sam Dup RPD(s) is outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within Q.C. limits). Sb MS recovery is outside Q.C. limits, failure attributed to MI (LCS/Blank SR within Q.C. limits).
		5/18/2005	11.5 - 12	N	Soil	Base-Neutral Organics/PAHs (8270C)	Y735	None
		5/18/2005	11.5 - 12	N	Soil	Volatile Organics (8260B)	Y735	None
		5/18/2005	11.5 - 12	N	Soil	PCB (8082)	Y735	None
A1034.0	638639	6/2/2005	34 - 34.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
		6/2/2005	34 - 34.5	N	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
		6/2/2005	34 - 34.5	N	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	34 - 34.5	N	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	34 - 34.5	N	Soil	Volatile Organics (8260B)	Z541	None
		6/2/2005	34 - 34.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
A1047.0	638640	6/2/2005	47 - 47.5	N	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
		6/2/2005	47 - 47.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
		6/2/2005	47 - 47.5	N	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	47 - 47.5	N	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	47 - 47.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None
		6/2/2005	47 - 47.5	N	Soil	Volatile Organics (8260B)	Z541	None
A1312.0	634066	5/18/2005	12 - 12.5	N	Soil	Select Metals (6010B)	Y735	Zn Sam Dup RPD(s) is outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within Q.C. limits). Sb MS recovery is outside Q.C. limits, failure attributed to MI (LCS/Blank SR within Q.C. limits).
		5/18/2005	12 - 12.5	N	Soil	Volatile Organics (8260B)	Y735	None
		5/18/2005	12 - 12.5	N	Soil	PCB (8082)	Y735	None
		5/18/2005	12 - 12.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Y735	None
		5/18/2005	12 - 12.5	N	Soil	Petroleum Hydrocarbons (418.1)	Y735	None
		5/18/2005	12 - 12.5	N	Soil	Mercury, Solid Waste (7471A)	Y735	None

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
A1712.0	634062	5/18/2005	12 - 12.5	N	Soil	Volatile Organics (8260B)	Y735	None
		5/18/2005	12 - 12.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Y735	None
		5/18/2005	12 - 12.5	N	Soil	Petroleum Hydrocarbons (418.1)	Y735	None
		5/18/2005	12 - 12.5	N	Soil	Select Metals (6010B)	Y735	Zn Sam Dup RPD(s) is outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within Q.C. limits). Sb MS recovery is outside Q.C. limits, failure attributed to MI (LCS/Blank SR within Q.C. limits).
		5/18/2005	12 - 12.5	N	Soil	Mercury, Solid Waste (7471A)	Y735	None
		5/18/2005	12 - 12.5	N	Soil	PCB (8082)	Y735	None
A1734.8	634063	5/18/2005	34.8 - 35.3	N	Soil	Base-Neutral Organics/PAHs (8270C)	Y735	MS % recovery of 4-Nitroiphenol and Pentachlorophenol are biased low due to matrix interference (blank spike recovery is within QC limits). MS/MSD % recovery of Acenaphthene is biased high (present in unspiked sample).
		5/18/2005	34.8 - 35.3	N	Soil	Petroleum Hydrocarbons (418.1)	Y735	None
		5/18/2005	34.8 - 35.3	N	Soil	Mercury, Solid Waste (7471A)	Y735	None
		5/18/2005	34.8 - 35.3	N	Soil	Volatile Organics (8260B)	Y735	None
		5/18/2005	34.8 - 35.3	N	Soil	Select Metals (6010B)	Y735	Zn Sam Dup RPD(s) is outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within Q.C. limits). Sb MS recovery is outside Q.C. limits, failure attributed to MI (LCS/Blank SR within Q.C. limits).
		5/18/2005	34.8 - 35.3	N	Soil	PCB (8082)	Y735	None

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
A2016.5	639320	6/3/2005	16.5 - 17	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	16.5 - 17	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	16.5 - 17	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	16.5 - 17	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	16.5 - 17	N	Soil	PCB (8082)	Z674	None
		6/3/2005	16.5 - 17	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	None
A2030.5	639321	6/3/2005	30.5 - 31	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	30.5 - 31	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	30.5 - 31	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	30.5 - 31	N	Soil	PCB (8082)	Z674	None
		6/3/2005	30.5 - 31	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	30.5 - 31	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	None

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
A2126.0	638641	6/2/2005	26 - 26.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
		6/2/2005	26 - 26.5	N	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
		6/2/2005	26 - 26.5	N	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	26 - 26.5	N	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	26 - 26.5	N	Soil	Volatile Organics (8260B)	Z541	None
		6/2/2005	26 - 26.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None
A2137.5	638642	6/2/2005	37.5 - 38	N	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
		6/2/2005	37.5 - 38	N	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
		6/2/2005	37.5 - 38	N	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	37.5 - 38	N	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	37.5 - 38	N	Soil	Volatile Organics (8260B)	Z541	None
		6/2/2005	37.5 - 38	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
A2217.5	638643	6/2/2005	17.5 - 18	N	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	17.5 - 18	N	Soil	Volatile Organics (8260B)	Z541	None
		6/2/2005	17.5 - 18	N	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
		6/2/2005	17.5 - 18	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None
		6/2/2005	17.5 - 18	N	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	17.5 - 18	N	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
A2230.5	638644	6/2/2005	30.5 - 31	N	Soil	Petroleum Hydrocarbons (418.1)	Z541	None
		6/2/2005	30.5 - 31	N	Soil	Select Metals (6010B)	Z541	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR within QC limits).
		6/2/2005	30.5 - 31	N	Soil	Mercury, Solid Waste (7471A)	Z541	Hg Samp Dup RPD(s) outside QC limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within QC limits).
		6/2/2005	30.5 - 31	N	Soil	PCB (8082)	Z541	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	30.5 - 31	N	Soil	Volatile Organics (8260B)	Z541	None
		6/2/2005	30.5 - 31	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z541	None

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B0102.0	602734	1/25/2005	2 - 2.5	N	Soil	Select Metals (6010B)	S302	Sb Matrix spike recovery Outside Q.C.limis,failure from Matrix interference.
		1/25/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	S302	None
		1/25/2005	2 - 2.5	N	Soil	PCB (8082)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	S302	Hg matrix spike recoveries outside Q.C limits. Q.C. failure from matrix interference.
B0201.0	603133	1/27/2005	1 - 1.5	N	Soil	Volatile Organics (8260B)	S411	None
		1/27/2005	1 - 1.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S411	None
		1/27/2005	1 - 1.5	N	Soil	Petroleum Hydrocarbons (418.1)	S411	MS/MSD % recovery of TPHC is outside Q.C. limits due to matrix interference (LCS recovery is within Q.C. limits)
		1/27/2005	1 - 1.5	N	Soil	Select Metals (6010B)	S411	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		1/27/2005	1 - 1.5	N	Soil	Mercury, Solid Waste (7471A)	S411	None
		1/27/2005	1 - 1.5	N	Soil	PCB (8082)	S411	None

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B0301.0	604244	2/2/2005	1 - 1.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S673	MS/MSD % recovery of Pentachlorophenol is biased low.MS/MSD % recovery of Pyrene is outside Q.C. limits (sample amount to high for spike level)
		2/2/2005	1 - 1.5	N	Soil	Petroleum Hydrocarbons (418.1)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Mercury, Solid Waste (7471A)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Volatile Organics (8260B)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Select Metals (6010B)	S673	Sb Matrix spike recovery Outside Q.C.limis,failure from Matrix interference.
		2/2/2005	1 - 1.5	N	Soil	PCB (8082)	S673	None
B0401.0	604245	2/2/2005	1 - 1.5	N	Soil	Mercury, Solid Waste (7471A)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Select Metals (6010B)	S673	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		2/2/2005	1 - 1.5	N	Soil	Petroleum Hydrocarbons (418.1)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Volatile Organics (8260B)	S673	None
		2/2/2005	1 - 1.5	N	Soil	PCB (8082)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S673	MS/MSD % recovery of Pentachlorophenol is biased low.MS/MSD % recovery of Pyrene is outside Q.C. limits (sample amount to high for spike level)

NOTES:

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B0500.5	602740	1/25/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	S302	None
		1/25/2005	0.5 - 1	N	Soil	Select Metals (6010B)	S302	Sb Matrix spike recovery Outside Q.C.limis,failure from Matrix interference.
		1/25/2005	0.5 - 1	N	Soil	Mercury, Solid Waste (7471A)	S302	Hg matrix spike recoveries outside Q.C limits. Q.C. failure from matrix interference.
		1/25/2005	0.5 - 1	N	Soil	PCB (8082)	S302	None
		1/25/2005	0.5 - 1	N	Soil	Volatile Organics (8260B)	S302	None
		1/25/2005	0.5 - 1	N	Soil	Base-Neutral Organics/PAHs (8270C)	S302	None
B0602.0	602933	1/26/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Select Metals (6010B)	S359	Sb and Zn MS recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	2 - 2.5	N	Soil	PCB (8082)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S359	MS % recovery of Phenol is biased low
		1/26/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	S359	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B0700.5	602736	1/25/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	S302	None
		1/25/2005	0.5 - 1	N	Soil	Select Metals (6010B)	S302	Sb Matrix spike recovery Outside Q.C.limis,failure from Matrix interference.
		1/25/2005	0.5 - 1	N	Soil	Mercury, Solid Waste (7471A)	S302	Hg matrix spike recoveries outside Q.C limits. Q.C. failure from matrix interference.
		1/25/2005	0.5 - 1	N	Soil	PCB (8082)	S302	None
		1/25/2005	0.5 - 1	N	Soil	Volatile Organics (8260B)	S302	None
		1/25/2005	0.5 - 1	N	Soil	Base-Neutral Organics/PAHs (8270C)	S302	None
B0800.5	602932	1/26/2005	0.5 - 1	N	Soil	PCB (8082)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Volatile Organics (8260B)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Select Metals (6010B)	S359	Sb and Zn Matrix Spike recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	0.5 - 1	N	Soil	Base-Neutral Organics/PAHs (8270C)	S359	MS % recovery of Phenol is biased low
		1/26/2005	0.5 - 1	N	Soil	Mercury, Solid Waste (7471A)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	S359	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B0902.0	602735	1/25/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Select Metals (6010B)	S302	Sb Matrix spike recovery Outside Q.C.limis,failure from Matrix interference.
		1/25/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	S302	Hg matrix spike recoveries outside Q.C limits. Q.C. failure from matrix interference.
		1/25/2005	2 - 2.5	N	Soil	PCB (8082)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S302	None
B1000.5	602931	1/26/2005	0.5 - 1	N	Soil	PCB (8082)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Select Metals (6010B)	S359	Sb and Zn MS recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Mercury, Solid Waste (7471A)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Volatile Organics (8260B)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Base-Neutral Organics/PAHs (8270C)	S359	MS % recovery of Phenol is biased low

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B1101.0	604246	2/2/2005	1 - 1.5	N	Soil	Volatile Organics (8260B)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S673	MS/MSD % recovery of Pentachlorophenol is biased low.MS/MSD % recovery of Pyrene is outside Q.C. limits (sample amount to high for spike level)
		2/2/2005	1 - 1.5	N	Soil	Petroleum Hydrocarbons (418.1)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Select Metals (6010B)	S673	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		2/2/2005	1 - 1.5	N	Soil	Mercury, Solid Waste (7471A)	S673	None
		2/2/2005	1 - 1.5	N	Soil	PCB (8082)	S673	None
B1200.5	602930	1/26/2005	0.5 - 1	N	Soil	Base-Neutral Organics/PAHs (8270C)	S359	MS % recovery of Phenol is biased low
		1/26/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Mercury, Solid Waste (7471A)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Volatile Organics (8260B)	S359	None
		1/26/2005	0.5 - 1	N	Soil	Select Metals (6010B)	S359	Sb and Zn MS recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	0.5 - 1	N	Soil	PCB (8082)	S359	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B1308.5	603131	1/27/2005	8.5 - 9	N	Soil	Mercury, Solid Waste (7471A)	S411	None
		1/27/2005	8.5 - 9	N	Soil	Select Metals (6010B)	S411	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		1/27/2005	8.5 - 9	N	Soil	Petroleum Hydrocarbons (418.1)	S411	MS/MSD % recovery of TPHC is outside Q.C. limits due to matrix interference (LCS recovery is within Q.C. limits)
		1/27/2005	8.5 - 9	N	Soil	Volatile Organics (8260B)	S411	None
		1/27/2005	8.5 - 9	N	Soil	PCB (8082)	S411	None
		1/27/2005	8.5 - 9	N	Soil	Base-Neutral Organics/PAHs (8270C)	S411	None
B1402.0	602928	1/26/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Select Metals (6010B)	S359	Sb and Zn MS recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	S359	None
		1/26/2005	2 - 2.5	N	Soil	PCB (8082)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S359	MS % recovery of Phenol is biased low

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B1502.0	602737	1/25/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Select Metals (6010B)	S302	Sb Matrix spike recovery Outside Q.C.limis,failure from Matrix interference.
		1/25/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	S302	Hg matrix spike recoveries outside Q.C limits. Q.C. failure from matrix interference.
		1/25/2005	2 - 2.5	N	Soil	PCB (8082)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	S302	None
		1/25/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S302	None
B1502.D	602738	1/25/2005	2 - 2.5	Y	Soil	Petroleum Hydrocarbons (418.1)	S302	None
		1/25/2005	2 - 2.5	Y	Soil	Select Metals (6010B)	S302	Sb Matrix spike recovery Outside Q.C.limis,failure from Matrix interference.
		1/25/2005	2 - 2.5	Y	Soil	Mercury, Solid Waste (7471A)	S302	Hg matrix spike recoveries outside Q.C limits. Q.C. failure from matrix interference.
		1/25/2005	2 - 2.5	Y	Soil	PCB (8082)	S302	None
		1/25/2005	2 - 2.5	Y	Soil	Volatile Organics (8260B)	S302	None
		1/25/2005	2 - 2.5	Y	Soil	Base-Neutral Organics/PAHs (8270C)	S302	None

NOTES:

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B1602.0	602929	1/26/2005	2 - 2.5	N	Soil	PCB (8082)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Select Metals (6010B)	S359	Sb and Zn MS recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S359	MS % recovery of Phenol is biased low
		1/26/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	S359	None
		1/26/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	S359	None
B1702.0	603132	1/27/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	S411	MS/MSD % recovery of TPHC is outside Q.C. limits due to matrix interference (LCS recovery is within Q.C. limits)
		1/27/2005	2 - 2.5	N	Soil	Select Metals (6010B)	S411	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		1/27/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	S411	None
		1/27/2005	2 - 2.5	N	Soil	PCB (8082)	S411	None
		1/27/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	S411	None
		1/27/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S411	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B1800.5	604247	2/2/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	S673	None
		2/2/2005	0.5 - 1	N	Soil	Select Metals (6010B)	S673	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		2/2/2005	0.5 - 1	N	Soil	PCB (8082)	S673	None
		2/2/2005	0.5 - 1	N	Soil	Base-Neutral Organics/PAHs (8270C)	S673	MS/MSD % recovery of Pentachlorophenol is biased low.MS/MSD % recovery of Pyrene is outside Q.C. limits (sample amount to high for spike level)
		2/2/2005	0.5 - 1	N	Soil	Volatile Organics (8260B)	S673	None
		2/2/2005	0.5 - 1	N	Soil	Mercury, Solid Waste (7471A)	S673	None
B2001.0	604248	2/2/2005	1 - 1.5	N	Soil	Petroleum Hydrocarbons (418.1)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Select Metals (6010B)	S673	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		2/2/2005	1 - 1.5	N	Soil	Mercury, Solid Waste (7471A)	S673	None
		2/2/2005	1 - 1.5	N	Soil	PCB (8082)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Volatile Organics (8260B)	S673	None
		2/2/2005	1 - 1.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S673	MS/MSD % recovery of Pentachlorophenol is biased low.MS/MSD % recovery of Pyrene is outside Q.C. limits (sample amount to high for spike level)

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
B2104.0	602934	1/26/2005	4 - 4.5	N	Soil	Petroleum Hydrocarbons (418.1)	S359	None
		1/26/2005	4 - 4.5	N	Soil	Mercury, Solid Waste (7471A)	S359	None
		1/26/2005	4 - 4.5	N	Soil	Select Metals (6010B)	S359	Sb and Zn MS recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	4 - 4.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	S359	MS % recovery of Phenol is biased low
		1/26/2005	4 - 4.5	N	Soil	Volatile Organics (8260B)	S359	None
		1/26/2005	4 - 4.5	N	Soil	PCB (8082)	S359	None
B2104.D	602935	1/26/2005	4 - 4.5	Y	Soil	Mercury, Solid Waste (7471A)	S359	None
		1/26/2005	4 - 4.5	Y	Soil	Volatile Organics (8260B)	S359	None
		1/26/2005	4 - 4.5	Y	Soil	Select Metals (6010B)	S359	Sb and Zn MS recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	4 - 4.5	Y	Soil	PCB (8082)	S359	None
		1/26/2005	4 - 4.5	Y	Soil	Base-Neutral Organics/PAHs (8270C)	S359	MS % recovery of Phenol is biased low
		1/26/2005	4 - 4.5	Y	Soil	Petroleum Hydrocarbons (418.1)	S359	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D0103.5	604249	2/2/2005	3.5 - 4	N	Soil	Petroleum Hydrocarbons (418.1)	S673	None
		2/2/2005	3.5 - 4	N	Soil	Select Metals (6010B)	S673	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		2/2/2005	3.5 - 4	N	Soil	Mercury, Solid Waste (7471A)	S673	None
		2/2/2005	3.5 - 4	N	Soil	PCB (8082)	S673	None
		2/2/2005	3.5 - 4	N	Soil	Volatile Organics (8260B)	S673	None
		2/2/2005	3.5 - 4	N	Soil	Base-Neutral Organics/PAHs (8270C)	S673	MS/MSD % recovery of Pentachlorophenol is biased low.MS/MSD % recovery of Pyrene is outside Q.C. limits (sample amount to high for spike level)
		2/2/2005	3.5 - 4	N	Soil	Cyanide Total (9012A)	S673	None
		2/2/2005	3.5 - 4	N	Soil	Total Phenols (9066)	S673	None
D0114.0	604243	2/2/2005	14 - 14.5	N	Soil	Select Metals (6010B)	S672	As sample duplicate RPD(s) outside Q.C.limits.Poor precision from non homogeneous sample (LCS/LCSdup RPD is within Q.C.limits). Sb MSR outside Q.C.limits,failure from matrix interference (LCS/Blank spike recoveries are within Q.C.limits).
		2/2/2005	14 - 14.5	N	Soil	Mercury, Solid Waste (7471A)	S672	none

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D0418.0	630052	5/4/2005	18 - 18.5	N	Soil	Volatile Organics (8260B)	X908	None
		5/4/2005	18 - 18.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X908	None
		5/4/2005	18 - 18.5	N	Soil	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	18 - 18.5	N	Soil	Select Metals (6010B)	X908	Pb sample duplicate RPD(s) is outside Q.C.limits.Poor precision attributed to nonhomogeneous sample(LCS/LCSdup RPD is within Q.C. limits). Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	18 - 18.5	N	Soil	Mercury, Solid Waste (7471A)	X908	Pb sample duplicate RPD(s) is outside Q.C.limits.Poor precision attributed to nonhomogeneous sample(LCS/LCSdup RPD is within Q.C. limits). Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	18 - 18.5	N	Soil	PCB (8082)	X908	None
D0421.0	634068	5/18/2005	21 - 21.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Y736	None
		5/18/2005	21 - 21.5	N	Soil	Petroleum Hydrocarbons (418.1)	Y736	None
		5/18/2005	21 - 21.5	N	Soil	Mercury, Solid Waste (7471A)	Y736	Ni sampDup RPD is outside QClimits. Poor precisio is attributed to nonhomogenous sample(LCS/LCSdup RPD is withinQClimits). SbMS recovery is outside Qclimits. QC failure attributed to MI(LCS/Blank spike recoveries are within QClimits.
		5/18/2005	21 - 21.5	N	Soil	Volatile Organics (8260B)	Y736	None
		5/18/2005	21 - 21.5	N	Soil	Select Metals (6010B)	Y736	Ni sampDup RPD is outside QClimits. Poor precisio is attributed to nonhomogenous sample(LCS/LCSdup RPD is withinQClimits). SbMS recovery is outside Qclimits. QC failure attributed to MI(LCS/Blank spike recoveries are within QClimits.
		5/18/2005	21 - 21.5	N	Soil	PCB (8082)	Y736	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D0430.5	634069	5/18/2005	30.5 - 31	N	Soil	Mercury, Solid Waste (7471A)	Y736	Ni samDup RPD is outside QC limits.Poor precision attributed to nonhomogenous samp(LCS/LCSdup RPD is within QC limits).Sb MSR is outside QC limits. QC fail attributed to MI(LCS/Blank SR are within QC limits)
		5/18/2005	30.5 - 31	N	Soil	Petroleum Hydrocarbons (418.1)	Y736	None
		5/18/2005	30.5 - 31	N	Soil	Select Metals (6010B)	Y736	Ni samDup RPD is outside QC limits.Poor precision attributed to nonhomogenous samp(LCS/LCSdup RPD is within QC limits).Sb MSR is outside QC limits. QC fail attributed to MI(LCS/Blank SR are within QC limits)
		5/18/2005	30.5 - 31	N	Soil	Base-Neutral Organics/PAHs (8270C)	Y736	All surrogate standard recoveries are diluted out.
		5/18/2005	30.5 - 31	N	Soil	PCB (8082)	Y736	None
		5/18/2005	30.5 - 31	N	Soil	Volatile Organics (8260B)	Y736	None
D0516.5	629658	5/3/2005	16.5 - 17	N	Soil	Petroleum Hydrocarbons (418.1)	X799	None
		5/3/2005	16.5 - 17	N	Soil	Select Metals (6010B)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	16.5 - 17	N	Soil	Mercury, Solid Waste (7471A)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	16.5 - 17	N	Soil	PCB (8082)	X799	None
		5/3/2005	16.5 - 17	N	Soil	Volatile Organics (8260B)	X799	None
		5/3/2005	16.5 - 17	N	Soil	Base-Neutral Organics/PAHs (8270C)	X799	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D0522.5	629659	5/3/2005	22.5 - 23	N	Soil	Petroleum Hydrocarbons (418.1)	X799	None
		5/3/2005	22.5 - 23	N	Soil	Select Metals (6010B)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	22.5 - 23	N	Soil	Mercury, Solid Waste (7471A)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	22.5 - 23	N	Soil	PCB (8082)	X799	None
		5/3/2005	22.5 - 23	N	Soil	Volatile Organics (8260B)	X799	None
		5/3/2005	22.5 - 23	N	Soil	Base-Neutral Organics/PAHs (8270C)	X799	None
D0606.0	630048	5/4/2005	6 - 6.5	N	Soil	PCB (8082)	X908	None
		5/4/2005	6 - 6.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X908	None
		5/4/2005	6 - 6.5	N	Soil	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	6 - 6.5	N	Soil	Select Metals (6010B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	6 - 6.5	N	Soil	Mercury, Solid Waste (7471A)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D0708.0	630049	5/4/2005	8 - 8.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X908	None
		5/4/2005	8 - 8.5	N	Soil	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	8 - 8.5	N	Soil	Mercury, Solid Waste (7471A)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	8 - 8.5	N	Soil	Volatile Organics (8260B)	X908	None
		5/4/2005	8 - 8.5	N	Soil	Select Metals (6010B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	8 - 8.5	N	Soil	PCB (8082)	X908	None
D0805.5	630050	5/4/2005	5.5 - 6	N	Soil	Select Metals (6010B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	5.5 - 6	N	Soil	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	5.5 - 6	N	Soil	Mercury, Solid Waste (7471A)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	5.5 - 6	N	Soil	Base-Neutral Organics/PAHs (8270C)	X908	None
		5/4/2005	5.5 - 6	N	Soil	PCB (8082)	X908	None
D0907.5	630051	5/4/2005	7.5 - 8	N	Soil	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	7.5 - 8	N	Soil	Select Metals (6010B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	7.5 - 8	N	Soil	Mercury, Solid Waste (7471A)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	7.5 - 8	N	Soil	PCB (8082)	X908	None
		5/4/2005	7.5 - 8	N	Soil	Volatile Organics (8260B)	X908	None
		5/4/2005	7.5 - 8	N	Soil	Base-Neutral Organics/PAHs (8270C)	X908	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1016.5	639314	6/3/2005	16.5 - 17	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	16.5 - 17	N	Soil	PCB (8082)	Z674	None
		6/3/2005	16.5 - 17	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	16.5 - 17	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	None
		6/3/2005	16.5 - 17	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	16.5 - 17	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
D1021.0	639315	6/3/2005	21 - 21.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	21 - 21.5	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	21 - 21.5	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	21 - 21.5	N	Soil	PCB (8082)	Z674	None
		6/3/2005	21 - 21.5	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	21 - 21.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	IS- Perylene-d12 internal standads is <50% of the most recent continuing calibration standard area. Sample extracts were reanalyzed confirming MI

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1022.5	639316	6/3/2005	22.5 - 23	N	Soil	PCB (8082)	Z674	None
		6/3/2005	22.5 - 23	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	22.5 - 23	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	22.5 - 23	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	IS- Perylene-d12 internal standads is <50% of the most recent continuing calibration standard area. Sample extracts were reanalyzed confirming MI
		6/3/2005	22.5 - 23	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	22.5 - 23	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
D1030.5	639317	6/3/2005	30.5 - 31	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	30.5 - 31	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	30.5 - 31	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	30.5 - 31	N	Soil	PCB (8082)	Z674	None
		6/3/2005	30.5 - 31	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	30.5 - 31	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	None

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1031.5	639318	6/3/2005	31.5 - 32	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	None
		6/3/2005	31.5 - 32	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	31.5 - 32	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	31.5 - 32	N	Soil	PCB (8082)	Z674	None
		6/3/2005	31.5 - 32	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	31.5 - 32	N	Soil	Volatile Organics (8260B)	Z674	None
D1116.5	637612	5/31/2005	16.5 - 17	N	Soil	Volatile Organics (8260B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	16.5 - 17	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD% recovery of pyrene is outside Q.C.limits(sample amount is too high for spike level)
		5/31/2005	16.5 - 17	N	Soil	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	16.5 - 17	N	Soil	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	16.5 - 17	N	Soil	Mercury, Solid Waste (7471A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	16.5 - 17	N	Soil	PCB (8082)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1121.0	637613	5/31/2005	21 - 21.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD% recovery of pyrene is outside Q.C.limits(sample amount is too high for spike level)
		5/31/2005	21 - 21.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	21 - 21.5	N	Soil	Mercury, Solid Waste (7471A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	21 - 21.5	N	Soil	Volatile Organics (8260B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	21 - 21.5	N	Soil	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	21 - 21.5	N	Soil	PCB (8082)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1122.5	637614	5/31/2005	22.5 - 23	N	Soil	Mercury, Solid Waste (7471A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	22.5 - 23	N	Soil	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	22.5 - 23	N	Soil	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	22.5 - 23	N	Soil	Volatile Organics (8260B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	22.5 - 23	N	Soil	PCB (8082)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	22.5 - 23	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD% recovery of pyrene is outside Q.C.limits(sample amount is too high for spike level)

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1129.0	637615	5/31/2005	29 - 29.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	29 - 29.5	N	Soil	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	29 - 29.5	N	Soil	Mercury, Solid Waste (7471A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	29 - 29.5	N	Soil	PCB (8082)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	29 - 29.5	N	Soil	Volatile Organics (8260B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	29 - 29.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD% recovery of pyrene is outside Q.C.limits(sample amount is too high for spike level)

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1216.5	637616	5/31/2005	16.5 - 17	N	Soil	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	16.5 - 17	N	Soil	Mercury, Solid Waste (7471A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	16.5 - 17	N	Soil	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	16.5 - 17	N	Soil	PCB (8082)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	16.5 - 17	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD% recovery of pyrene is outside Q.C.limits(sample amount is too high for spike level)
		5/31/2005	16.5 - 17	N	Soil	Volatile Organics (8260B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1221.0	637617	5/31/2005	21 - 21.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	21 - 21.5	N	Soil	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	21 - 21.5	N	Soil	Mercury, Solid Waste (7471A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	21 - 21.5	N	Soil	PCB (8082)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	21 - 21.5	N	Soil	Volatile Organics (8260B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	21 - 21.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD% recovery of pyrene is outside Q.C.limits(sample amount is too high for spike level)

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1222.0	637618	5/31/2005	22 - 22.5	N	Soil	PCB (8082)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	22 - 22.5	N	Soil	Volatile Organics (8260B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	22 - 22.5	N	Soil	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	22 - 22.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD% recovery of pyrene is outside Q.C.limits(sample amount is too high for spike level)
		5/31/2005	22 - 22.5	N	Soil	Mercury, Solid Waste (7471A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	22 - 22.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1230.5	637619	5/31/2005	30.5 - 31	N	Soil	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	30.5 - 31	N	Soil	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	30.5 - 31	N	Soil	Mercury, Solid Waste (7471A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	30.5 - 31	N	Soil	PCB (8082)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	30.5 - 31	N	Soil	Volatile Organics (8260B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	30.5 - 31	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD% recovery of pyrene is outside Q.C.limits(sample amount is too high for spike level)
D1316.5	638645	6/2/2005	16.5 - 17	N	Soil	PCB (8082)	Z542	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	16.5 - 17	N	Soil	Select Metals (6010B)	Z542	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR are within QC limits).
		6/2/2005	16.5 - 17	N	Soil	Petroleum Hydrocarbons (418.1)	Z542	None
		6/2/2005	16.5 - 17	N	Soil	Mercury, Solid Waste (7471A)	Z542	Hg SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits).
		6/2/2005	16.5 - 17	N	Soil	Volatile Organics (8260B)	Z542	None
		6/2/2005	16.5 - 17	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z542	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1321.0	638646	6/2/2005	21 - 21.5	N	Soil	Volatile Organics (8260B)	Z542	None
		6/2/2005	21 - 21.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z542	None
		6/2/2005	21 - 21.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z542	None
		6/2/2005	21 - 21.5	N	Soil	Select Metals (6010B)	Z542	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR are within QC limits).
		6/2/2005	21 - 21.5	N	Soil	Mercury, Solid Waste (7471A)	Z542	Hg SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits).
		6/2/2005	21 - 21.5	N	Soil	PCB (8082)	Z542	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
D1322.5	638647	6/2/2005	22.5 - 23	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z542	None
		6/2/2005	22.5 - 23	N	Soil	Petroleum Hydrocarbons (418.1)	Z542	None
		6/2/2005	22.5 - 23	N	Soil	Mercury, Solid Waste (7471A)	Z542	Hg SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits).
		6/2/2005	22.5 - 23	N	Soil	Volatile Organics (8260B)	Z542	None
		6/2/2005	22.5 - 23	N	Soil	Select Metals (6010B)	Z542	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR are within QC limits).
		6/2/2005	22.5 - 23	N	Soil	PCB (8082)	Z542	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1329.0	638648	6/2/2005	29 - 29.5	N	Soil	Mercury, Solid Waste (7471A)	Z542	Hg SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits).
		6/2/2005	29 - 29.5	N	Soil	Select Metals (6010B)	Z542	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR are within QC limits).
		6/2/2005	29 - 29.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z542	None
		6/2/2005	29 - 29.5	N	Soil	Volatile Organics (8260B)	Z542	None
		6/2/2005	29 - 29.5	N	Soil	PCB (8082)	Z542	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.
		6/2/2005	29 - 29.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z542	None
D1419.5	639319	6/3/2005	19.5 - 20	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	19.5 - 20	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	19.5 - 20	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	19.5 - 20	N	Soil	PCB (8082)	Z674	None
		6/3/2005	19.5 - 20	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	19.5 - 20	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	None

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Main Facility Area SI/RI/RAW
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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1521.5	639324	6/3/2005	21.5 - 22	N	Soil	Petroleum Hydrocarbons (418.1)	Z674	None
		6/3/2005	21.5 - 22	N	Soil	Select Metals (6010B)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	21.5 - 22	N	Soil	Mercury, Solid Waste (7471A)	Z674	Sb MS recovery is outside Q.C.limits Q.C. Failure attributed to MI (LCS/Blank spike recoveries are within Q.C.limits)
		6/3/2005	21.5 - 22	N	Soil	PCB (8082)	Z674	None
		6/3/2005	21.5 - 22	N	Soil	Volatile Organics (8260B)	Z674	None
		6/3/2005	21.5 - 22	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z674	IS- Perylene-d12 internal standads is <50% of the most recent continuing calibration standard area. MS/MSD confirms MI
D1600.0	639991	6/7/2005	0 - 0.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z807	None
		6/7/2005	0 - 0.5	N	Soil	Select Metals (6010B)	Z807	Pb SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within QClimits).Sb, Zn MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	0 - 0.5	N	Soil	Mercury, Solid Waste (7471A)	Z807	Hg SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within QClimits).Hg MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	0 - 0.5	N	Soil	PCB (8082)	Z807	None
		6/7/2005	0 - 0.5	N	Soil	Volatile Organics (8260B)	Z807	None
		6/7/2005	0 - 0.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z807	MS/MSD RPD of pentachlorophenol is biased high.

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Main Facility Area SI/RI/RAW
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D1604.0	639992	6/7/2005	4 - 4.5	N	Soil	PCB (8082)	Z807	None
		6/7/2005	4 - 4.5	N	Soil	Volatile Organics (8260B)	Z807	None
		6/7/2005	4 - 4.5	N	Soil	Select Metals (6010B)	Z807	Pb SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within Qclimits).Sb, Zn MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	4 - 4.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z807	MS/MSD RPD of pentachlorophenol is biased high.
		6/7/2005	4 - 4.5	N	Soil	Mercury, Solid Waste (7471A)	Z807	Hg SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within Qclimits).Hg MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	4 - 4.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z807	None
D1700.0	639993	6/7/2005	0 - 0.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z807	None
		6/7/2005	0 - 0.5	N	Soil	Select Metals (6010B)	Z807	Pb SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within Qclimits).Sb, Zn MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	0 - 0.5	N	Soil	Mercury, Solid Waste (7471A)	Z807	Hg SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within Qclimits).Hg MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	0 - 0.5	N	Soil	PCB (8082)	Z807	None
		6/7/2005	0 - 0.5	N	Soil	Volatile Organics (8260B)	Z807	None
		6/7/2005	0 - 0.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z807	MS/MSD RPD of pentachlorophenol is biased high.

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Main Facility Area SI/RI/RAW
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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
D1704.0	639994	6/7/2005	4 - 4.5	N	Soil	Volatile Organics (8260B)	Z807	None
		6/7/2005	4 - 4.5	N	Soil	PCB (8082)	Z807	None
		6/7/2005	4 - 4.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z807	None
		6/7/2005	4 - 4.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z807	MS/MSD RPD of pentachlorophenol is biased high.
		6/7/2005	4 - 4.5	N	Soil	Mercury, Solid Waste (7471A)	Z807	Hg SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within Qclimits).Hg MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	4 - 4.5	N	Soil	Select Metals (6010B)	Z807	Pb SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within Qclimits).Sb, Zn MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
F012505	602739	1/25/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	S302	None
		1/25/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	S302	Sb Matrix spike recovery Outside Q.C.limis,failure from Matrix interference.
		1/25/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	S302	Matrix spike recovery of Aroclor-1016 &Aroclor-1260 are biased high.
		1/25/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	S302	None
		1/25/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	S302	None
		1/25/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	S302	Hg matrix spike recoveries outside Q.C limits. Q.C. failure from matrix interference.

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Soil Sample Summary
Main Facility Area SI/RI/RAW
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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
F012605	602936	1/26/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	S359	None
		1/26/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	S359	MS % recovery of Aroclor-1016 & Aroclor-1260 biased high.(blank spike recovery is within Q.C. Limits)
		1/26/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	S359	Sb and Zn MS recovery is outside Q.C limits Q.C failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C limits)
		1/26/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	S359	None
		1/26/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	S359	None
		1/26/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	S359	None
F012705	603134	1/27/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	S411	MS % recovery of Aroclor-1016 & Aroclor-1260 biased high.(blank spike recovery is within Q.C. Limits)
		1/27/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	S411	None
		1/27/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	S411	None
		1/27/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	S411	Sb MS recovery outside Q.C.limits,failure from matrix interference.
		1/27/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	S411	None
		1/27/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	S411	None

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Soil Sample Summary
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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
F020205	604250	2/2/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	S673	None
		2/2/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	S673	MS % recovery of Acenapthylene biased low.
		2/2/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	S673	None
		2/2/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	S673	None
		2/2/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	S673	None
		2/2/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	S673	Sb MS recovery outside Q.C.limits,failure from matrix interference.
F042505	627408	4/25/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	X288	None
		4/25/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	X288	None
		4/25/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	X288	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	X288	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	X288	None
		4/25/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	X288	None

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Soil Sample Summary
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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
F042605	627677	4/26/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	X353	None
		4/26/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	X353	None
		4/26/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	X353	None
		4/26/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	X353	None
		4/26/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	X353	None
		4/26/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	X353	None
F042705	628263	4/27/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	X453	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/27/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	X453	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/27/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	X453	None
		4/27/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	X453	None
		4/27/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	X453	None

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
F042805	628705	4/28/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	X540	None
		4/28/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	X540	None
		4/28/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	X540	Sb/Zn MS recoveries are outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/28/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	X540	None
		4/28/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	X540	None
		4/28/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	X540	None
F042905	629059	4/29/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	X622	None
		4/29/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	X622	None
		4/29/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	X622	None
		4/29/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	X622	None
		4/29/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).

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Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
F050205	629378	5/2/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	X712	None
		5/2/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	X712	Sb and Zn M.S. recoveries are outside Q.C. limits. Q.C. failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C. limits).
		5/2/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	X712	None
		5/2/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	X712	None
		5/2/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	X712	Cr and Zn Sample Duplicate RPD(s) are outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD are within Q.C. limits).
		5/2/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	X712	None
F050305	629660	5/3/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	X799	None
		5/3/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	X799	None
		5/3/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	X799	None
		5/3/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	X799	None

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F050405	630044	5/4/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	X908	BS% recoveries of4,6-Dinitro-2-methylphenol, Indeno(1,2,3-cd)pyrene, and benzo(g,h,l)perylene are biased low.
		5/4/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	X908	None
		5/4/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	X908	None
		5/4/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
F050505	630416	5/5/2005	0 - 0	N	Water Quality Control Matrix	PCB (8082)	Y019	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are baised high. MS spike recovery of Aroclor-1260 is baised high(blank spike recovery is within Q.C. limits)
		5/5/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	Y019	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
F051805	634067	5/18/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	Y735	BS % recovery of 2-Chlorophenol is biased high.
		5/18/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	Y735	None
		5/18/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	Y735	None
		5/18/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	Y735	TCMX/DCB surrogate std recoveries are biased low (insufficient sample volume to reextract). Sample extract reanalyzed confirming low recovery.
		5/18/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	Y735	Zn Sam Dup RPD(s) is outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD within Q.C. limits). Sb MS recovery is outside Q.C. limits, failure attributed to MI (LCS/Blank SR within Q.C. limits).
		5/18/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	Y735	None

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
F053105	637620	5/31/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb MS recovery is outside Q.C limits. Q.C failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits)
		5/31/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	Z351	Smps received at 14C.Smps are accepted b/c the chill process begun.
F060205	638649	6/2/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	Z542	Hg SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits).
		6/2/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	Z542	BS % recovery of 3,3-Dichlorobenzidine is biased high.
		6/2/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	Z542	Cd and Ni SDup RPDs outside QC limits. Poor precision attributed to non homo samp (LCS/LCSdup RPD are within QC limits). Sb, Be, Cu and Zn MSR outside QC limits. QC failure attributed to matrix interference (LCS/BSR are within QC limits).
		6/2/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	Z542	None
		6/2/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	Z542	None
		6/2/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	Z542	None

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
F060305	639397	6/3/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	Z687	None
		6/3/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	Z687	None
		6/3/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	Z687	None
		6/3/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	Z687	SB, Selenim and Zn MS recoveries are outside Q.C.limits. Q.C failure attributed to MS (LCS/Blank spike recoveries are within Q.C. limits).
		6/3/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	Z687	MS%recoveries of 2-Chlorophenol and Hexachlorobutadiene are biased high(blank spike recoveries are within QC limits)
		6/3/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	Z687	None
F060705	639997	6/7/2005	0 - 0	N	Water Quality Control Matrix	Mercury, Liquid Waste (7470A)	Z807	Hg SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within Qclimits).Hg MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	0 - 0	N	Water Quality Control Matrix	Select Metals (6010B)	Z807	Pb SampleDup RPDs are outside QClimits.Poor precision attributed to non homo sample(LCS/LCSdup RPD are within Qclimits).Sb, Zn MS recoveries are outside QClimits. QCfail attributed to MI(LCS/Blank spike recoveries are within QClimits)
		6/7/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	Z807	None
		6/7/2005	0 - 0	N	Water Quality Control Matrix	Volatile Organics (Aqueous) (624)	Z807	MS%recovery of TCE is outside QClimits(sample amount is too high for spike level)BlankSpike meets allQClimits.
		6/7/2005	0 - 0	N	Water Quality Control Matrix	Base-Neutral Organics/PAH (Aqueous) (625)	Z807	BS%recovery of 3,3-dichlorobenzidine is biased high.
		6/7/2005	0 - 0	N	Water Quality Control Matrix	Petroleum Hydrocarbons (418.1)	Z807	None
F060905	641152	6/9/2005	0 - 0	N	Water Quality Control Matrix	PCB (Aqueous) (608)	A077	None

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
R0100.5	630412	5/5/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	Y019	None
		5/5/2005	0.5 - 1	N	Soil	PCB (8082)	Y019	None
R0103.5	641147	6/9/2005	3.5 - 4	N	Soil	PCB (8082)	A077	None
R0200.5	630413	5/5/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	Y019	None
		5/5/2005	0.5 - 1	N	Soil	PCB (8082)	Y019	None
R0300.5	630414	5/5/2005	0.5 - 1	N	Soil	PCB (8082)	Y019	None
		5/5/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	Y019	None
R0400.5	630415	5/5/2005	0.5 - 1	N	Soil	PCB (8082)	Y019	None
		5/5/2005	0.5 - 1	N	Soil	Petroleum Hydrocarbons (418.1)	Y019	None
R0500.0	641148	6/9/2005	0 - 0.5	N	Soil	PCB (8082)	A077	None
R0600.0	641149	6/9/2005	0 - 0.5	N	Soil	PCB (8082)	A077	None
R0700.0	641150	6/9/2005	0 - 0.5	N	Soil	PCB (8082)	A077	None
R0800.0	641151	6/9/2005	0 - 0.5	N	Soil	PCB (8082)	A077	None

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U0102.5	627423	4/25/2005	2.5 - 3	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	2.5 - 3	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	2.5 - 3	N	Soil	PCB (8082)	X289	None
		4/25/2005	2.5 - 3	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2.5 - 3	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	2.5 - 3	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
U0119.5	627424	4/25/2005	19.5 - 20	N	Soil	PCB (8082)	X289	None
		4/25/2005	19.5 - 20	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	19.5 - 20	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	19.5 - 20	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	19.5 - 20	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	19.5 - 20	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U0203.0	627670	4/26/2005	3 - 3.5	N	Soil	PCB (8082)	X353	None
		4/26/2005	3 - 3.5	N	Soil	Volatile Organics (8260B)	X353	None
		4/26/2005	3 - 3.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X353	MS/MSD%recovery of 1,2,4-trichlorobenzene and MSD%recovery of 1,4-dichlorobenzene are biased low
		4/26/2005	3 - 3.5	N	Soil	Petroleum Hydrocarbons (418.1)	X353	None
		4/26/2005	3 - 3.5	N	Soil	Select Metals (6010B)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	3 - 3.5	N	Soil	Mercury, Solid Waste (7471A)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
U0210.0	627671	4/26/2005	10 - 10.5	N	Soil	Volatile Organics (8260B)	X353	None
		4/26/2005	10 - 10.5	N	Soil	PCB (8082)	X353	None
		4/26/2005	10 - 10.5	N	Soil	Mercury, Solid Waste (7471A)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	10 - 10.5	N	Soil	Petroleum Hydrocarbons (418.1)	X353	None
		4/26/2005	10 - 10.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X353	MS/MSD%recovery of 1,2,4-trichlorobenzene and MSD%recovery of 1,4-dichlorobenzene are biased low
		4/26/2005	10 - 10.5	N	Soil	Select Metals (6010B)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U0305.0	628261	4/27/2005	5 - 5.5	N	Soil	Select Metals (6010B)	X452	Cr and Zn SDup RPDs outside QC limits.Poor precision attributed to nonhomo samp (LCS/LCSdup RPD are within QC limits).Sb and Zn MS recoveries outside QC limits. QC failure attributed to matrix interference (LCS/Blank spike recoveries within QC limits).
		4/27/2005	5 - 5.5	N	Soil	Petroleum Hydrocarbons (418.1)	X452	none
		4/27/2005	5 - 5.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X452	none
		4/27/2005	5 - 5.5	N	Soil	Mercury, Solid Waste (7471A)	X452	none
		4/27/2005	5 - 5.5	N	Soil	PCB (8082)	X452	none
		4/27/2005	5 - 5.5	N	Soil	Volatile Organics (8260B)	X452	none
U0317.5	628264	4/27/2005	17.5 - 18	N	Soil	Petroleum Hydrocarbons (418.1)	X453	None
		4/27/2005	17.5 - 18	N	Soil	Select Metals (6010B)	X453	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/27/2005	17.5 - 18	N	Soil	Mercury, Solid Waste (7471A)	X453	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/27/2005	17.5 - 18	N	Soil	PCB (8082)	X453	None
		4/27/2005	17.5 - 18	N	Soil	Base-Neutral Organics/PAHs (8270C)	X453	MS/MSD RPDof Pentachlorolphenol is baised high.
U0323.5	628262	4/27/2005	23.5 - 24	N	Soil	Select Metals (6010B)	X452	none

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U0404.5	627672	4/26/2005	4.5 - 5	N	Soil	Select Metals (6010B)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	4.5 - 5	N	Soil	Volatile Organics (8260B)	X353	None
		4/26/2005	4.5 - 5	N	Soil	PCB (8082)	X353	None
		4/26/2005	4.5 - 5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X353	MS/MSD%recovery of 1,2,4-trichlorobenzene and MSD%recovery of 1,4-dichlorobenzene are biased low
		4/26/2005	4.5 - 5	N	Soil	Petroleum Hydrocarbons (418.1)	X353	None
		4/26/2005	4.5 - 5	N	Soil	Mercury, Solid Waste (7471A)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
U0414.5	627673	4/26/2005	14.5 - 15	N	Soil	Base-Neutral Organics/PAHs (8270C)	X353	MS/MSD%recovery of 1,2,4-trichlorobenzene and MSD%recovery of 1,4-dichlorobenzene are biased low
		4/26/2005	14.5 - 15	N	Soil	Petroleum Hydrocarbons (418.1)	X353	None
		4/26/2005	14.5 - 15	N	Soil	Select Metals (6010B)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	14.5 - 15	N	Soil	Mercury, Solid Waste (7471A)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	14.5 - 15	N	Soil	PCB (8082)	X353	None
		4/26/2005	14.5 - 15	N	Soil	Volatile Organics (8260B)	X353	None

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U0509.0	627674	4/26/2005	9 - 9.5	N	Soil	Select Metals (6010B)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	9 - 9.5	N	Soil	PCB (8082)	X353	None
		4/26/2005	9 - 9.5	N	Soil	Volatile Organics (8260B)	X353	None
		4/26/2005	9 - 9.5	N	Soil	Petroleum Hydrocarbons (418.1)	X353	None
		4/26/2005	9 - 9.5	N	Soil	Mercury, Solid Waste (7471A)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	9 - 9.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X353	MS/MSD%recovery of 1,2,4-trichlorobenzene and MSD%recovery of 1,4-dichlorobenzene are biased low
U0509.D	627675	4/26/2005	9 - 9.5	Y	Soil	PCB (8082)	X353	None
		4/26/2005	9 - 9.5	Y	Soil	Mercury, Solid Waste (7471A)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	9 - 9.5	Y	Soil	Select Metals (6010B)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	9 - 9.5	Y	Soil	Petroleum Hydrocarbons (418.1)	X353	None
		4/26/2005	9 - 9.5	Y	Soil	Volatile Organics (8260B)	X353	None
		4/26/2005	9 - 9.5	Y	Soil	Base-Neutral Organics/PAHs (8270C)	X353	MS/MSD%recovery of 1,2,4-trichlorobenzene and MSD%recovery of 1,4-dichlorobenzene are biased low

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U0515.5	627668	4/26/2005	15.5 - 16	N	Soil	Petroleum Hydrocarbons (418.1)	X352	
		4/26/2005	15.5 - 16	N	Soil	Select Metals (6010B)	X352	Sb MS recovery is outside Q.C. limits. Q.C. failure attributed to matrix interference (LCS/Blank spike recoveries within Q.C. limits).
		4/26/2005	15.5 - 16	N	Soil	Mercury, Solid Waste (7471A)	X352	Sb MS recovery is outside Q.C. limits. Q.C. failure attributed to matrix interference (LCS/Blank spike recoveries within Q.C. limits).
		4/26/2005	15.5 - 16	N	Soil	PCB (8082)	X352	
		4/26/2005	15.5 - 16	N	Soil	Volatile Organics (8260B)	X352	
		4/26/2005	15.5 - 16	N	Soil	Base-Neutral Organics/PAHs (8270C)	X352	
U0607.5	627676	4/26/2005	7.5 - 8	N	Soil	Petroleum Hydrocarbons (418.1)	X353	None
		4/26/2005	7.5 - 8	N	Soil	PCB (8082)	X353	None
		4/26/2005	7.5 - 8	N	Soil	Mercury, Solid Waste (7471A)	X353	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/26/2005	7.5 - 8	N	Soil	Base-Neutral Organics/PAHs (8270C)	X353	MS/MSD%recovery of 1,2,4-trichlorobenzene and MSD%recovery of 1,4-dichlorobenzene are biased low
		4/26/2005	7.5 - 8	N	Soil	Volatile Organics (8260B)	X353	None
		4/26/2005	7.5 - 8	N	Soil	Select Metals (6010B)	X353	Sb MS recovery is outside Q.C. limits. Q.C. failure attributed to matrix interference.
U0611.5	627669	4/26/2005	11.5 - 12	N	Soil	Volatile Organics (8260B)	X352	

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U0646.5	628260	4/27/2005	46.5 - 47	N	Soil	Petroleum Hydrocarbons (418.1)	X452	none
		4/27/2005	46.5 - 47	N	Soil	Select Metals (6010B)	X452	Antimony MSR is outside QC limits. QC failure attributed to matrix interference (LCS/Blank spike recoveries are within QC limits).
		4/27/2005	46.5 - 47	N	Soil	Mercury, Solid Waste (7471A)	X452	none
		4/27/2005	46.5 - 47	N	Soil	PCB (8082)	X452	MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high. MS recovery of Aroclor-1260 is biased high (blank spike recovery is within Q.C. limits).
		4/27/2005	46.5 - 47	N	Soil	Volatile Organics (8260B)	X452	none
		4/27/2005	46.5 - 47	N	Soil	Base-Neutral Organics/PAHs (8270C)	X452	none
U0702.0	628702	4/28/2005	2 - 2.5	N	Soil	Select Metals (6010B)	X540	None
U0705.5	628703	4/28/2005	5.5 - 6	N	Soil	Mercury, Solid Waste (7471A)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	5.5 - 6	N	Soil	Volatile Organics (8260B)	X540	None
		4/28/2005	5.5 - 6	N	Soil	Petroleum Hydrocarbons (418.1)	X540	None
		4/28/2005	5.5 - 6	N	Soil	Select Metals (6010B)	X540	None
		4/28/2005	5.5 - 6	N	Soil	Base-Neutral Organics/PAHs (8270C)	X540	None
		4/28/2005	5.5 - 6	N	Soil	PCB (8082)	X540	None
U0708.0	628715	4/28/2005	8 - 8.5	N	Soil	Select Metals (6010B)	X542	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U0805.5	628701	4/28/2005	5.5 - 6	N	Soil	Base-Neutral Organics/PAHs (8270C)	X540	None
		4/28/2005	5.5 - 6	N	Soil	Petroleum Hydrocarbons (418.1)	X540	None
		4/28/2005	5.5 - 6	N	Soil	Select Metals (6010B)	X540	None
		4/28/2005	5.5 - 6	N	Soil	Mercury, Solid Waste (7471A)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	5.5 - 6	N	Soil	PCB (8082)	X540	None
		4/28/2005	5.5 - 6	N	Soil	Volatile Organics (8260B)	X540	None
U0808.0	628714	4/28/2005	8 - 8.5	N	Soil	Select Metals (6010B)	X542	None
U0906.0	628700	4/28/2005	6 - 6.5	N	Soil	Volatile Organics (8260B)	X540	None
		4/28/2005	6 - 6.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X540	None
		4/28/2005	6 - 6.5	N	Soil	PCB (8082)	X540	None
		4/28/2005	6 - 6.5	N	Soil	Mercury, Solid Waste (7471A)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	6 - 6.5	N	Soil	Select Metals (6010B)	X540	None
		4/28/2005	6 - 6.5	N	Soil	Petroleum Hydrocarbons (418.1)	X540	None
U0911.5	628713	4/28/2005	11.5 - 12	N	Soil	Select Metals (6010B)	X542	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U1006.0	628698	4/28/2005	6 - 6.5	N	Soil	Select Metals (6010B)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	6 - 6.5	N	Soil	PCB (8082)	X540	Sample 628698 reanalyzed outside holdtime due to carryover from previous sample run.
		4/28/2005	6 - 6.5	N	Soil	Volatile Organics (8260B)	X540	Sample 628698 reanalyzed outside holdtime due to carryover from previous sample run.
		4/28/2005	6 - 6.5	N	Soil	Petroleum Hydrocarbons (418.1)	X540	None
		4/28/2005	6 - 6.5	N	Soil	Mercury, Solid Waste (7471A)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	6 - 6.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X540	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U1106.0	628699	4/28/2005	6 - 6.5	N	Soil	PCB (8082)	X540	None
		4/28/2005	6 - 6.5	N	Soil	Mercury, Solid Waste (7471A)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	6 - 6.5	N	Soil	Select Metals (6010B)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	6 - 6.5	N	Soil	Volatile Organics (8260B)	X540	Sample 628698 reanalyzed outside holdtime due to carryover from previous sample run.
		4/28/2005	6 - 6.5	N	Soil	Petroleum Hydrocarbons (418.1)	X540	None
		4/28/2005	6 - 6.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X540	None
U1214.5	628710	4/28/2005	14.5 - 15	N	Soil	Base-Neutral Organics/PAHs (8270C)	X542	None
		4/28/2005	14.5 - 15	N	Soil	Volatile Organics (8260B)	X542	None
		4/28/2005	14.5 - 15	N	Soil	PCB (8082)	X542	PCB QA batch 2247: MS/MSD RPD for Aroclor-1016&1260 are biased high, matrix spike recovery of Aroclor-260 is biased high(Blank spike recovery is within Q.C. limits).
		4/28/2005	14.5 - 15	N	Soil	Mercury, Solid Waste (7471A)	X542	QA batch 18542: Sb MS recovery is outside Q.C. limits. Q.C. failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits).
		4/28/2005	14.5 - 15	N	Soil	Select Metals (6010B)	X542	QA batch 18542: Sb MS recovery is outside Q.C. limits. Q.C. failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C. limits).
		4/28/2005	14.5 - 15	N	Soil	Petroleum Hydrocarbons (418.1)	X542	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U1306.0	628704	4/28/2005	6 - 6.5	N	Soil	Mercury, Solid Waste (7471A)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	6 - 6.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X540	None
		4/28/2005	6 - 6.5	N	Soil	Volatile Organics (8260B)	X540	Sample 628698 reanalyzed outside holdtime due to carryover from previous sample run.
		4/28/2005	6 - 6.5	N	Soil	PCB (8082)	X540	None
		4/28/2005	6 - 6.5	N	Soil	Select Metals (6010B)	X540	Sb/Zn MS recoveries are outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits).,Cr/Zn Sdup RPDs are outside Q.C.limits. Poor precision attributed to nonhomogenous sample(LCS/LCSdup RPD are within Q.C.limits)
		4/28/2005	6 - 6.5	N	Soil	Petroleum Hydrocarbons (418.1)	X540	None
U1416.0	629057	4/29/2005	16 - 16.5	N	Soil	Petroleum Hydrocarbons (418.1)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Select Metals (6010B)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	16 - 16.5	N	Soil	Mercury, Solid Waste (7471A)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	16 - 16.5	N	Soil	PCB (8082)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Volatile Organics (8260B)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X622	MS/MSD RPD of pentachloropphenol is baised high.

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U1516.0	629056	4/29/2005	16 - 16.5	N	Soil	Petroleum Hydrocarbons (418.1)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Select Metals (6010B)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	16 - 16.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X622	MS/MSD RPD of pentachloropphenol is baised high.
		4/29/2005	16 - 16.5	N	Soil	Mercury, Solid Waste (7471A)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	16 - 16.5	N	Soil	PCB (8082)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Volatile Organics (8260B)	X622	None
U1516.D	629053	4/29/2005	16 - 16.5	Y	Soil	Volatile Organics (8260B)	X621	None
		4/29/2005	16 - 16.5	Y	Soil	Base-Neutral Organics/PAHs (8270C)	X621	MS/MSD RPD of Pentachlorophenol is biased high.
		4/29/2005	16 - 16.5	Y	Soil	PCB (8082)	X621	None
		4/29/2005	16 - 16.5	Y	Soil	Mercury, Solid Waste (7471A)	X621	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/29/2005	16 - 16.5	Y	Soil	Select Metals (6010B)	X621	None
		4/29/2005	16 - 16.5	Y	Soil	Petroleum Hydrocarbons (418.1)	X621	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U1616.0	629058	4/29/2005	16 - 16.5	N	Soil	Volatile Organics (8260B)	X622	None
		4/29/2005	16 - 16.5	N	Soil	PCB (8082)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X622	MS/MSD RPD of pentachloropphenol is baised high.
		4/29/2005	16 - 16.5	N	Soil	Select Metals (6010B)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	16 - 16.5	N	Soil	Petroleum Hydrocarbons (418.1)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Mercury, Solid Waste (7471A)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
U1716.0	629055	4/29/2005	16 - 16.5	N	Soil	Petroleum Hydrocarbons (418.1)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Select Metals (6010B)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	16 - 16.5	N	Soil	PCB (8082)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Volatile Organics (8260B)	X622	None
		4/29/2005	16 - 16.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X622	MS/MSD RPD of pentachloropphenol is baised high.
		4/29/2005	16 - 16.5	N	Soil	Mercury, Solid Waste (7471A)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
U1806.0	629054	4/29/2005	6 - 6.5	N	Soil	Mercury, Solid Waste (7471A)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	6 - 6.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X622	MS/MSD RPD of pentachloropphenol is baised high.
		4/29/2005	6 - 6.5	N	Soil	PCB (8082)	X622	None
		4/29/2005	6 - 6.5	N	Soil	Select Metals (6010B)	X622	Sb MS recovery is outside Q.C limits.Q.C. failure attributed to matrix inteference(LCS/Blank spike recoveries are within Q.C. limits).
		4/29/2005	6 - 6.5	N	Soil	Petroleum Hydrocarbons (418.1)	X622	None
		4/29/2005	6 - 6.5	N	Soil	Volatile Organics (8260B)	X622	None
V0130.5	630053	5/4/2005	30.5 - 31	N	Soil	Select Metals (6010B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
V0208.5	630046	5/4/2005	8.5 - 9	N	Soil	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	8.5 - 9	N	Soil	Base-Neutral Organics/PAHs (8270C)	X908	None
		5/4/2005	8.5 - 9	N	Soil	Volatile Organics (8260B)	X908	None
		5/4/2005	8.5 - 9	N	Soil	PCB (8082)	X908	None
		5/4/2005	8.5 - 9	N	Soil	Select Metals (6010B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	8.5 - 9	N	Soil	Mercury, Solid Waste (7471A)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
V0228.5	630047	5/4/2005	28.5 - 29	N	Soil	Volatile Organics (8260B)	X908	None
		5/4/2005	28.5 - 29	N	Soil	PCB (8082)	X908	None
		5/4/2005	28.5 - 29	N	Soil	Base-Neutral Organics/PAHs (8270C)	X908	None
		5/4/2005	28.5 - 29	N	Soil	Select Metals (6010B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	28.5 - 29	N	Soil	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	28.5 - 29	N	Soil	Mercury, Solid Waste (7471A)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
V0314.0	629657	5/3/2005	14 - 14.5	N	Soil	Petroleum Hydrocarbons (418.1)	X799	None
		5/3/2005	14 - 14.5	N	Soil	Select Metals (6010B)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	14 - 14.5	N	Soil	Mercury, Solid Waste (7471A)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	14 - 14.5	N	Soil	PCB (8082)	X799	None
		5/3/2005	14 - 14.5	N	Soil	Volatile Organics (8260B)	X799	None
		5/3/2005	14 - 14.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X799	None

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
V0415.0	629654	5/3/2005	15 - 15.5	N	Soil	Volatile Organics (8260B)	X799	None
		5/3/2005	15 - 15.5	N	Soil	PCB (8082)	X799	None
		5/3/2005	15 - 15.5	N	Soil	Mercury, Solid Waste (7471A)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	15 - 15.5	N	Soil	Petroleum Hydrocarbons (418.1)	X799	None
		5/3/2005	15 - 15.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X799	None
		5/3/2005	15 - 15.5	N	Soil	Select Metals (6010B)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
V0415.D	629655	5/3/2005	15 - 15.5	Y	Soil	Select Metals (6010B)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	15 - 15.5	Y	Soil	Petroleum Hydrocarbons (418.1)	X799	None
		5/3/2005	15 - 15.5	Y	Soil	Mercury, Solid Waste (7471A)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	15 - 15.5	Y	Soil	Base-Neutral Organics/PAHs (8270C)	X799	None
		5/3/2005	15 - 15.5	Y	Soil	PCB (8082)	X799	None
		5/3/2005	15 - 15.5	Y	Soil	Volatile Organics (8260B)	X799	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
V0522.0	629656	5/3/2005	22 - 22.5	N	Soil	PCB (8082)	X799	None
		5/3/2005	22 - 22.5	N	Soil	Volatile Organics (8260B)	X799	None
		5/3/2005	22 - 22.5	N	Soil	Mercury, Solid Waste (7471A)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	22 - 22.5	N	Soil	Select Metals (6010B)	X799	Sb+Zn MS recoveries are outside Q.C.limits.Fail attributed to MI (LCS/Blank spike recoveries are w/in Q.C.limits.Cr+Zn Sample duplicates RPD9(s) are outside Q.C.limits.Poor precision attributed to nonhomogenous sample (LCS/LCSdup RPD are w/in Q.C.limits)
		5/3/2005	22 - 22.5	N	Soil	Petroleum Hydrocarbons (418.1)	X799	None
		5/3/2005	22 - 22.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X799	None
V0608.0	629376	5/2/2005	8 - 8.5	N	Soil	Mercury, Solid Waste (7471A)	X712	Cr and Zn Sample Duplicate RPD(s) are outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD are within Q.C. limits).
		5/2/2005	8 - 8.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X712	None
		5/2/2005	8 - 8.5	N	Soil	PCB (8082)	X712	None
		5/2/2005	8 - 8.5	N	Soil	Petroleum Hydrocarbons (418.1)	X712	None
		5/2/2005	8 - 8.5	N	Soil	Volatile Organics (8260B)	X712	None
		5/2/2005	8 - 8.5	N	Soil	Select Metals (6010B)	X712	Sb and Zn M.S. recoveries are outside Q.C. limits. Q.C. failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C. limits).
V0622.0	629380	5/2/2005	22 - 22.5	N	Soil	Select Metals (6010B)	X713	None

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Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
V0715.5	629377	5/2/2005	15.5 - 16	N	Soil	Select Metals (6010B)	X712	Sb and Zn M.S. recoveries are outside Q.C. limits. Q.C. failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C. limits).
		5/2/2005	15.5 - 16	N	Soil	Mercury, Solid Waste (7471A)	X712	Cr and Zn Sample Duplicate RPD(s) are outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD are within Q.C. limits).
		5/2/2005	15.5 - 16	N	Soil	PCB (8082)	X712	None
		5/2/2005	15.5 - 16	N	Soil	Volatile Organics (8260B)	X712	None
		5/2/2005	15.5 - 16	N	Soil	Base-Neutral Organics/PAHs (8270C)	X712	None
		5/2/2005	15.5 - 16	N	Soil	Petroleum Hydrocarbons (418.1)	X712	None
V1A14.0	630045	5/4/2005	14 - 14.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X908	None
		5/4/2005	14 - 14.5	N	Soil	Mercury, Solid Waste (7471A)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	14 - 14.5	N	Soil	Select Metals (6010B)	X908	None
		5/4/2005	14 - 14.5	N	Soil	Volatile Organics (8260B)	X908	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to MI(LCS/Blank spike recoveries are within Q.C.limits)
		5/4/2005	14 - 14.5	N	Soil	Petroleum Hydrocarbons (418.1)	X908	None
		5/4/2005	14 - 14.5	N	Soil	PCB (8082)	X908	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
W0109.0	637621	5/31/2005	9 - 9.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	9 - 9.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD % recovery of Pyrene is outside Q.C. limits (sample amount is too high for spike level)
		5/31/2005	9 - 9.5	N	Soil	Volatile Organics (8260B)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	9 - 9.5	N	Soil	PCB (8082)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	9 - 9.5	N	Soil	Select Metals (6010B)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb,Cd,Hg SmpDup RPDs out QClimits.Poor precision att. to nonhomo smp,LCS/LCSdupRPD w/in QClimits.Sb,Hg MSR out QClimits.QCfail att. to MI,LCS/BlankSR w/in QClimits
		5/31/2005	9 - 9.5	N	Soil	Mercury, Solid Waste (7471A)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.Hg SmpDup RPDs are out QClimits.Poor precision attributed to nonhomo smp, LCS/LCSdup RPD within QC limits. Hg MSR outside QC limits.QCfail attributed to MI,LCS/Blank SR within QClimits

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
W0111.0	637622	5/31/2005	11 - 11.5	N	Soil	PCB (8082)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	11 - 11.5	N	Soil	Volatile Organics (8260B)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	11 - 11.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.MS/MSD % recovery of Pyrene is outside Q.C. limits (sample amount is too high for spike level)
		5/31/2005	11 - 11.5	N	Soil	Select Metals (6010B)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.Sb,Cd,Hg SmpDup RPDs out QClimits.Poor precision att. to nonhomo smp,LCS/LCSdupRPD w/in QClimits.Sb,Hg MSR out QClimits.QCfail att. to MI,LCS/BlankSR w/in QClimits
		5/31/2005	11 - 11.5	N	Soil	Petroleum Hydrocarbons (418.1)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.
		5/31/2005	11 - 11.5	N	Soil	Mercury, Solid Waste (7471A)	Z352	Smps received at 14C.Smps are accepted b/c the chill process begun.Hg SmpDup RPDs are out QClimits.Poor precision attributed to nonhomo smp, LCS/LCSdup RPD within QC limits. Hg MSR outside QC limits.QCfail attributed to MI,LCS/Blank SR within QClimits
X0102.0	627409	4/25/2005	2 - 2.5	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	2 - 2.5	N	Soil	PCB (8082)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
X0109.5	627410	4/25/2005	9.5 - 10	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	9.5 - 10	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	9.5 - 10	N	Soil	PCB (8082)	X289	None
		4/25/2005	9.5 - 10	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	9.5 - 10	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	9.5 - 10	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
X0202.0	627411	4/25/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	2 - 2.5	N	Soil	PCB (8082)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	2 - 2.5	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	X289	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
X0208.0	627412	4/25/2005	8 - 8.5	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	8 - 8.5	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	8 - 8.5	N	Soil	PCB (8082)	X289	None
		4/25/2005	8 - 8.5	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	8 - 8.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	8 - 8.5	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
X0302.0	627413	4/25/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2 - 2.5	N	Soil	PCB (8082)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	2 - 2.5	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	X289	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
X0304.0	627414	4/25/2005	4 - 4.5	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	4 - 4.5	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	4 - 4.5	N	Soil	PCB (8082)	X289	None
		4/25/2005	4 - 4.5	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	4 - 4.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	4 - 4.5	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
X0402.5	627415	4/25/2005	2.5 - 3	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2.5 - 3	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2.5 - 3	N	Soil	PCB (8082)	X289	None
		4/25/2005	2.5 - 3	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	2.5 - 3	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	2.5 - 3	N	Soil	Volatile Organics (8260B)	X289	None

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
X0407.5	627416	4/25/2005	7.5 - 8	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	7.5 - 8	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	7.5 - 8	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	7.5 - 8	N	Soil	PCB (8082)	X289	None
		4/25/2005	7.5 - 8	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	7.5 - 8	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
X0502.0	627417	4/25/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	2 - 2.5	N	Soil	PCB (8082)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
X0512.0	627418	4/25/2005	12 - 12.5	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	12 - 12.5	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	12 - 12.5	N	Soil	PCB (8082)	X289	None
		4/25/2005	12 - 12.5	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	12 - 12.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	12 - 12.5	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
X0602.5	627419	4/25/2005	2.5 - 3	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	2.5 - 3	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2.5 - 3	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2.5 - 3	N	Soil	PCB (8082)	X289	None
		4/25/2005	2.5 - 3	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	2.5 - 3	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
X0611.5	627420	4/25/2005	11.5 - 12	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	11.5 - 12	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	11.5 - 12	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	11.5 - 12	N	Soil	PCB (8082)	X289	None
		4/25/2005	11.5 - 12	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	11.5 - 12	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
X0702.0	627421	4/25/2005	2 - 2.5	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2 - 2.5	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	2 - 2.5	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	2 - 2.5	N	Soil	PCB (8082)	X289	None
		4/25/2005	2 - 2.5	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.

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TABLE 2
Soil Sample Summary
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Date	Depth	Dup	Matrix	Analysis (Method)	Lab Job #	Nonconformance
X0707.5	627422	4/25/2005	7.5 - 8	N	Soil	Volatile Organics (8260B)	X289	None
		4/25/2005	7.5 - 8	N	Soil	Base-Neutral Organics/PAHs (8270C)	X289	MS/MSD RPD of Pentachlorophenol is baised high.
		4/25/2005	7.5 - 8	N	Soil	Petroleum Hydrocarbons (418.1)	X289	None
		4/25/2005	7.5 - 8	N	Soil	Select Metals (6010B)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	7.5 - 8	N	Soil	Mercury, Solid Waste (7471A)	X289	Sb MS recovery is outside Q.C.limits.Q.C.failure attributed to matrix interference(LCS/Blank spike recoveries are within Q.C.limits)
		4/25/2005	7.5 - 8	N	Soil	PCB (8082)	X289	None

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TABLE 3
Summary of Soil Borings and Sample Locations
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility
Phillipsburg, New Jersey

Grid Node	Sample ID	Sampling Phase	Sample Depth (ft)	Soil Boring Depth (ft)	Moved from Grid (Y/N)	AOCs Addressed	Location Rationale
BUILDING 20 SAMPLING GRID							
B01	B0102.0	SI	2.0-2.5	12	N	-	Grid
B02	B0201.0	SI	1.0-1.5	10 (refusal)	N	-	Grid
B03	B0301.0	SI	1.0-1.5	16 (refusal)	Y	60-99	Near 1st floor oil area - at former building foundation
B04	B0401.0	SI	1.0-1.5	7 (refusal)	Y	54-130,54-133,54-139,54-141,60-100	Tank locations & sand bins
B05	B0500.5	SI	0.5-1.0	8 (refusal)	Y	-	Grid
B06	B0602.0	SI	2.0-2.5	9 (refusal)	Y	60-210	Moved to Passenger elevator(hydraulic)
B07	B0700.5	SI	0.5-1.0	6	Y	-	Moved to avoid blocking lobby
B08	B0800.5	SI	0.5-1.0	7.5 (refusal)	Y	54-144	Tank location
B09	B0902.0	SI	2.0-2.5	14 (refusal)	Y	54-65	Tank location
B10	B1000.5	SI	0.5-1.0	12	Y	-	Moved outside building/access issues
B11	B1101.0	SI	1.0-1.5	9 (refusal)	Y	-	Moved outside building/access issues
B12	B1200.5	SI	0.5-1.0	9 (refusal)	N	-	Grid
B13	B1308.5	SI	8.5-9.0	10 (refusal)	N	-	Grid
B14	B1402.0	SI	2.0-2.5	11 (refusal)	Y	60-198	Moved to carpentry shop, storage shed, eastern wall
B15	B1502.0	SI	2.0-2.5	11 (refusal)	N	-	Grid
	B1502.D	SI	2.0-2.5				Duplicate sample collected
B16	B1602.0	SI	2.0-2.5	7 (refusal)	Y	60-130	Moved to storage pit
B17	B1702.0	SI	2.0-2.5	10 (refusal)	Y	60-165	Moved to fire brick and fire clay building
B18	B1800.5	SI	0.5-1.0	6.5 (refusal)	N	-	Grid
B19							no boring/sample collected
B20	B2001.0	SI	1.0-1.5	8 (refusal)	Y	54-99	Tank location
B21	B2104.0	SI	4.0-4.5	12	Y	60-57, 49-20	Oil storage room, transformer location
	B2104.D	SI	4.0-4.5				Duplicate sample collected
DRYWELL/CESSPOOL LOCATIONS							
D01	D0103.5	SI	3.5-4.0	15 (refusal)	-	50-8	Drywell location
	D0114.0	SI	14-14.5				Vertical delineation of D01
D04	D0418.0	SI	18.0-18.5	31 (refusal)	-	-	2 ft downgradient of D05 cesspool location
	D0421.0	SI	21.0-21.5				Vertical delineation of D04
	D0430.5	SI	30.5-31.0				Vertical delineation of D04
D05	D0516.5	SI	16.5-17.0	23 (refusal)	-	50-5	Cesspool location
	D0522.5	SI	22.5-23.0				Vertical delineation of D05
D06	D0606.0	SI	6.0-6.5	6.5 (refusal)	-	50-7	Possible drywell location
D07	D0708.0	SI	8.0-8.5	10	-	-	2 ft downgradient of D06 location
D08	D0805.5	SI	5.5-6.0	6 (refusal)	-	50-6	Possible drywell location
D09	D0907.5	SI	7.5-8.0	10	-	-	2 ft downgradient of D08 location
D10	D1016.5	RI	16.5-17.0	32 (refusal)	-	-	Delineation of D04 & D05
	D1021.0	RI	21.0-21.5				
	D1022.5	RI	22.5-23.0				
	D1030.5	RI	30.5-31.0				
	D1031.5	RI	31.5-32.0				
D11	D1116.5	RI	16.5-17.0	29.5 (refusal)	-	-	Delineation of D04 & D05
	D1121.0	RI	21.0-21.5				
	D1122.5	RI	22.5-23.0				
	D1129.0	RI	29.0-29.5				
D12	D1216.5	RI	16.5-17.0	31 (refusal)	-	-	Delineation of D04 & D05
	D1221.0	RI	21.0-21.5				
	D1222.0	RI	22.0-22.5				
	D1230.5	RI	30.5-31.0				
D13	D1316.5	RI	16.5-17.0	29.5 (refusal)	-	-	Delineation of D04 & D05
	D1321.0	RI	21.0-21.5				
	D1322.5	RI	22.5-23.0				
	D1329.0	RI	29.0-29.5				
D14	D1419.5	RI	19.5-20.0	20.0 (refusal)	-	-	Delineation of D04 & D05
D15	D1521.5	RI	21.5-22.0	22.0 (refusal)	-	-	Delineation of D04 & D05
D16	D1600.0	RI	0.0-0.5	8	-	-	Delineation of D04 & D05
	D1604.0	RI	4.0-4.5				
D17	D1700.0	RI	0.0-0.5	8	-	-	Delineation of D04 & D05
	D1704.0	RI	4.0-4.5				

TABLE 3
Summary of Soil Borings and Sample Locations
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility
Phillipsburg, New Jersey

Grid Node	Sample ID	Sampling Phase	Sample Depth (ft)	Soil Boring Depth (ft)	Moved from Grid (Y/N)	AOCs Addressed	Location Rationale
BUILDING 29 SAMPLING							
V01	V0130.5	SI	30.5-31.0	31 (refusal)	-	-	Suspected eastern interior pit location (south end of pit location)
V1A	V1A14.0	SI	14.0-14.5	15 (refusal)	-	-	Suspected eastern interior pit location (north end of pit location)
V02	V0208.5	SI	8.5-9.0	29 (refusal)	-	-	Suspected western interior pit location
	V0228.5	SI	28.5-29.0				Vertical delineation of V02
V03	V0314.0	SI	14.0-14.5	14.5 (refusal)	-	-	Southwest exterior side of Building 29
V04	V0415.0	SI	15.0-15.5	23.5 (refusal)	-	-	South exterior side of Building 29
	V0415.D	SI	15.0-15.5				Duplicate sample collected
V05	V0522.0	SI	22.0-22.5	22.5 (refusal)	-	-	Southeast exterior side of Building 29
V06	V0608.0	SI	8.0-8.5	22.5 (refusal)	-	-	Northeast exterior side of Building 29
	V0622.0	SI	22.0-22.5				Vertical delineation of V06
V07	V0715.5	SI	15.5-16.0	18.9 (refusal)	-	-	North exterior side of Building 29
BUILDING #104 (OWS BUILDING)							
W01	W0109.0	RI	9.0-9.5	12	-	-	Vertical delineation of historical samples
	W0111.5		11.5-12.0				
MAIN TRANSFORMER YARD							
R01	R0100.5	SI	0.5-1.0	4	-	-	Base of Transformer
	R0103.5	RI	3.5-4.0				Vertical delineation of R01
R02	R0200.5	SI	0.5-1.1	2.5	-	-	Base of Transformer
R03	R0300.5	SI	0.5-1.2	4	-	-	Base of Transformer
R04	R0400.5	SI	0.5-1.0	4	-	-	Base of Transformer
R05	R0500.0	RI	0.0-0.5	0.5	-	-	Horizontal delineation of R01
R06	R0600.0	RI	0.0-0.5	0.5	-	-	Horizontal delineation of R01
R07	R0700.0	RI	0.0-0.5	0.5	-	-	Horizontal delineation of R01
R08	R0800.0	RI	0.0-0.5	0.5	-	-	Horizontal delineation of R01
BUILDING 91 AND SOLVENT STORAGE SHED							
X01	X0102.0	SI	2.0-2.05	10 (refusal)	-	50-3	Cesspool location (Building 91)
	X0109.5	SI	9.5-10.0				Vertical delineation of X01
X02	X0202.0	SI	2.0-2.5	8.5 (refusal)	-	-	2 ft downgradient of X01 cesspool location
	X0208.0	SI	8.0-8.5				Vertical delineation of X02
X03	X0302.0	SI	2.0-2.5	10.5 (refusal)	-	60-209	Center of former solvent storage shed
	X0304.0	SI	4.0-4.5				Vertical delineation of X023
X04	X0402.5	SI	2.5-3.0	8 (refusal)	-	60-209	North side of former solvent storage shed
	X0407.5	SI	7.5-8.0				Vertical delineation of X04
X05	X0502.0	SI	2.0-2.5	12.5 (refusal)	-	60-209	West side of former solvent storage shed
	X0512.0	SI	12.0-12.5				Vertical delineation of X05
X06	X0602.5	SI	2.5-3.0	12 (refusal)	-	60-209	South side of former solvent storage shed
	X0611.5	SI	11.5-12.0				Vertical delineation of X06
X07	X0702.0	SI	2.0-2.5	8 (refusal)	-	60-209	East side of former solvent storage shed
	X0707.5	SI	7.5-8.0				Vertical delineation of X07

TABLE 3
Summary of Soil Borings and Sample Locations
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility
Phillipsburg, New Jersey

Grid Node	Sample ID	Sampling Phase	Sample Depth (ft)	Soil Boring Depth (ft)	Moved from Grid (Y/N)	AOCs Addressed	Location Rationale
SOUTH OF BUILDING 9							
U01	U0102.5	SI	2.5-3.0	20	-	54-152	Tank locations
	U0119.5	SI	19.5-20.0				Vertical delineation of U01
U02	U0203.0	SI	3.0-3.5	10.5 (refusal)	-	54-23	Tank locations
	U0210.0	SI	10.-10.5				Vertical delineation of U02
U03	U0305.0	SI	5.0-5.5	24 (refusal)	-	-	Horizontal delineation of arsenic
	U0317.5	SI	17.5-18.0				Horizontal delineation of U05/U06
	U0323.5	SI	23.5-24.0				Vertical delineation of U03
U04	U0404.5	SI	4.5-5.0	15 (refusal)	-	-	Horizontal delineation of arsenic
	U0414.5	SI	14.5-15.0				Vertical delineation of arsenic
U05	U0509.0	SI	9.0-9.5	16 (refusal)	-	54-10	Tank locations
	U0509.D	SI	9.0-9.5				Duplicate sample collected
	U0515.5	SI	15.5-16.0				Vertical delineation of U05
U06	U0607.5	SI	7.5-8.0	48	-	-	Horizontal delineation of U05
	U0611.5	SI	11.5-12.0				Horizontal/Vertical delineation of U05
	U0646.5	SI	46.5-47.0				Vertical delineation of U06
U07	U0702.0	SI	2.0-2.5	12	-	-	Horizontal delineation of arsenic
	U0705.5	SI	5.5-6.0				Horizontal delineation of arsenic
	U0708.0	SI	8.0-8.5				Vertical delineation of arsenic
U08	U0805.5	SI	5.5-6.0	12	-	-	Horizontal delineation of arsenic
	U0808.0	SI	8.0-8.5				Vertical delineation of arsenic
U09	U0906.0	SI	6.0-6.5	12	-	54-7, 49-14	Tank and transformer locations
	U0911.5	SI	11.5-12.0				Vertical delineation of U09
U10	U1006.0	SI	6.0-6.5	12	-	54-63, 54-66	Tank and piping location
U11	U1106.0	SI	6.0-6.6	12	-	54-64, 54-66, 60-55	Tank and piping location, Chip discharge
U12	U1214.5	SI	14.5-15.0	15 (refusal)	-	-	Vertical delineation of the area south of Building 34
U13	U1306.0	SI	6.0-6.5	12 (refusal)	-	-	Horizontal/Vertical delineation of U10/U11 and arsenic impacts
U14	U1416.0	SI	16.0-16.5	20	-	-	Horizontal delineation of PAHs/arsenic
U15	U1516.0	SI	16.0-16.5	20	-	-	Horizontal delineation of PAHs/arsenic
	U1516.D	SI	16.0-16.5				Duplicate sample collected
U16	U1616.0	SI	16.0-16.5	20	-	-	Horizontal delineation of PAHs/arsenic
U17	U1716.0	SI	16.0-16.5	18	-	-	Horizontal delineation of PAHs/arsenic
U18	U1806.0	SI	6.0-6.5	16	-	49-13, 49-79, 49-106	Horizontal delineation of arsenic/Transformer locations
FORMER BUILDING 23 SAMPLING GRID (Nodes within Lot 7.03)							
A01	A0108.0	SI	8.0-8.5	20	Y	57-37	Moved to Incinerator location
	A0108.D	SI	8.0-8.5				Duplicate sample collected
	A0119.5	SI	19.5-20.0				
A05	A0511.5	SI	11.5-12.0	24	Y	-	Moved outside Building #17B
	A0514.5	SI	14.5-15.0				
	A0523.5	SI	23.5-24.0				
A09	A0911.5	SI	11.5-12.0	31 (refusal)	Y	60-108, 60-61, 60-107	Moved to former process area
A10	A1034.0	SI	34.0-34.5	47.5 (refusal)	N	-	Grid
	A1047.0	SI	47.0-47.5				
A13	A1312.0	SI	12.0-12.5	15 (refusal)	Y	-	Moved outside maintenance garage door
A17	A1712.0	SI	12.0-12.5	35.3 (refusal)	Y	54-192	Moved to former tank location
	A1734.8	SI	34.8-35.3				
A20	A2016.5	SI	16.5-17.0	31 (refusal)	Y	-	Moved to support delineation of D05 area
	A2030.5	SI	30.5-31.0				
A21	A2126.0	SI	26.0-26.5	38 (refusal)	N	-	Grid
	A2137.5	SI	37.5-38.0				
A22	A2217.5	SI	17.5-18.0	31 (refusal)	N	-	Grid
	A2230.5	SI	30.5-31.0				

NOTES:
Depths are in feet below ground surface
AOC - Area of Concern
SI - Site Investigation
RI - Remedial Investigation

TABLE 4
Summary of Soil Analytical Results: Total Petroleum Hydrocarbons
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Sample Date	Depth Interval	Results	
S-1	87610	7/18/1988	†	6200	
S1-HOLE--4-(0-2)	87713	7/19/1988	0 - 2	**11000**	
S2-HOLE--4-(2-4)	87714	7/19/1988	2 - 4	270	
HOLE -3: 0-2	89237	8/9/1988	0 - 2	3600	
HOLE -3: 2-4	89238	8/9/1988	2 - 4	2700	
HOLE -5: 0-2	89236	8/9/1988	0 - 2	**15000**	
B2-0-2	89346	8/10/1988	0 - 2	9600	
B2-0-4	89347	8/10/1988	2 - 4	**11000**	
Site1/S-2 (2-4)	90037	8/18/1988	2 - 4	**18000**	
Site6/S-1 (0-3)	90505	8/24/1988	0 - 3	370	
Site7/S-3	91261	9/2/1988	4 - 6	32	
Sample-1	L40810601	8/25/1994	5.5 - †	100	
Sample-2	L40810602	8/25/1994	5 - †	69	
Sample-3	L40810603	8/25/1994	5 - †	76	
Sample-4	L40810604	8/25/1994	5 - †	170	
Sample-5	L40810605	8/25/1994	5 - †	140	
Sample-6	L40900601	9/2/1994	5 - †	130	
Sample-7	L40900602	9/2/1994	4.5 - 5	280	
Sample-8	L40902701	9/9/1994	8 - †	31	
Sample-9	L40902702	9/9/1994	9.5 - †	40	
Sample-10	L40902703	9/9/1994	5 - †	41	
Sample-11	L40902704	9/9/1994	5 - †	43	
Sample-12	L40904101	9/14/1994	5 - †	36	
Sample-13	L40904102	9/14/1994	4 - †	39	
Sample-14	L40904103	9/14/1994	5 - †	46	
Sample-15	L40904104	9/14/1994	8.5 - †	52	
Sample-16	L40904105	9/14/1994	9 - †	48	
Sample-17	L40906501	9/19/1994	12 - †	1900	
Sample-20	L40908203	9/21/1994	3 - †	33	
Sample-21	L40908204	9/21/1994	5 - †	740	
Sample-22	L40910001	9/26/1994	12 - †	18	
Sample-23	L40910002	9/26/1994	12 - †	16	
Sample-24	L40910301	9/27/1994	7.5 - †	(10)	U
Sample-25	L40910302	9/27/1994	8.5 - †	23	
Sample-26	L40910303	9/27/1994	8.5 - †	(10)	U
Sample-27	L40910304	9/27/1994	9 - †	17	
Sample-28	L40910901	9/28/1994	18 - †	**17000**	
Sample-29	L40911901	9/29/1994	10 - †	3500	
Sample-30	L40911902	9/29/1994	10 - †	880	
Sample-31	L40911903	9/29/1994	9 - †	220	
Sample-32	L40911904	9/29/1994	8.5 - †	29	
Sample-33	L40912901	9/30/1994	4 - †	(10)	U
Sample-1 TP-1	L41000402	10/3/1994	11 - †	950	
Sample-1 TP-2	L41000404	10/3/1994	11 - †	**17000**	
Sample-2 TP-1	L41000403	10/3/1994	16 - †	6000	
Sample-2 TP-2	L41000405	10/3/1994	16 - †	4300	
Sample-1 TP-3	L41000901	10/4/1994	5 - †	2500	
Sample-1 TP-4	L41000905	10/4/1994	10 - †	1700	
Sample-1 TP-5	L41000908	10/4/1994	1 - †	**29000**	

NOTES:

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U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

UF - Indicates that the analyte was not detected in field lab analysis.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 10000 mg/kg.

TABLE 4
Summary of Soil Analytical Results: Total Petroleum Hydrocarbons
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Sample Date	Depth Interval	Results	
Sample-2 TP-3	L41000902	10/4/1994	10 - †	360	
Sample-2 TP-4	L41000906	10/4/1994	15 - †	1500	
Sample-2 TP-5	L41000909	10/4/1994	5 - †	5500	
Sample-3 TP-3	L41000903	10/4/1994	15 - †	3500	
Sample-3 TP-4	L41000907	10/4/1994	20 - †	930	
Sample-3 TP-5	L41000910	10/4/1994	10 - †	4000	
Sample-4 TP-3	L41000904	10/4/1994	20 - †	1400	
2C-2.0-4.0	L41006001	10/17/1994	2 - 4	18	
2C-8.0-10.0	L41006002	10/17/1994	8 - 10	29	
4C-10.0-14.0	L41006003	10/17/1994	10 - 14	46	
4C-18.0-20.0	L41006004	10/17/1994	18 - 20	33	
4E-10.0-12.0	L41006601	10/18/1994	10 - 12	30	
4E-14.0-16.0	L41006602	10/18/1994	14 - 16	23	
4W-14.0-16.0	L41006603	10/18/1994	14 - 16	(10)	U
6C-10.0-12.0	L41007201	10/19/1994	10 - 12	340	
6C-18.0-20.0	L41007202	10/19/1994	18 - 20	1300	
6W-10.0-12.0	L41007203	10/19/1994	10 - 12	4900	
6W-18.0-20.0	L41007204	10/19/1994	18 - 20	38	
8C-6.0-8.0	L41008301	10/20/1994	6 - 8	7600	
8C-18.0-20.0	L41008302	10/20/1994	18 - 20	300	
8E-18.0-20.0	L41010602	10/26/1994	18 - 20	(2300)	U
8W-18.0-20.0	L41010601	10/26/1994	18 - 20	(19)	U
1000-C 1-3	ENN002006	7/19/1995	1 - 3	1480	
1000-C 5-7	ENN002007	7/19/1995	5 - 7	1630	
1000-C 10-12	ENN002008	7/19/1995	10 - 12	280	
1000-C 15-17	ENN002009	7/19/1995	15 - 17	280	
1000-C 20-22	ENN002010	7/19/1995	20 - 22	130	
1000C_5.5-6.0	27639	7/19/1995	5.5 - 6	3750	
1000C_10.5-11.0	27640	7/19/1995	10.5 - 11	585	
1000-N 1-3	ENN002011	7/19/1995	1 - 3	31	
1000-N 5-7	ENN002012	7/19/1995	5 - 7	1290	
1000-N 10-12	ENN002013	7/19/1995	10 - 12	21	
1000-N 15-17	ENN002014	7/19/1995	15 - 17	440	
1000-N 20-22	ENN002015	7/19/1995	20 - 22	11	
1000N_5.5-6.0	27641	7/19/1995	2.5 - 6	839	
1000N_10.5-11.0	27642	7/19/1995	10.5 - 11	2080	
1000-S 1-3	ENN002001	7/19/1995	1 - 3	170	
1000-S 5-7	ENN002002	7/19/1995	5 - 7	1250	
1000-S 10-12	ENN002003	7/19/1995	10 - 12	647	
1000-S 15-17	ENN002004	7/19/1995	15 - 17	1044	
1000-S 20-22	ENN002005	7/19/1995	20 - 22	287	
1000S_5.5-6.0	27636	7/19/1995	5.5 - 6	129	
1000S_20.5-21.0	27637	7/19/1995	20.5 - 21	306	
1000S_22.0-23.0	27638	7/19/1995	22 - 23	338	
1000-S 10 1-2	ENN002042	7/20/1995	1 - 2	10	UF
1000-S 10 5-6	ENN002040	7/20/1995	5 - 6	10	UF
1000-S 10 20-21	ENN002041	7/20/1995	20 - 21	1560	
1000-S 10 10.5-11.0	ENN002043	7/20/1995	10.5 - 11	1300	
1000-S 10 15.5-16.0	ENN002044	7/20/1995	15.5 - 16	10	UF

NOTES:

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Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 10000 mg/kg.

TABLE 4
Summary of Soil Analytical Results: Total Petroleum Hydrocarbons
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Sample Date	Depth Interval	Results	
6-C 18.0-18.5	ENN002036	7/20/1995	18 - 18.5	897	
6-W 10.0-10.5	ENN002037	7/20/1995	10 - 10.5	10	UF
8-C 6-8	ENN002038	7/20/1995	6 - 8	631	
8-E 18-20	ENN002039	7/20/1995	18 - 20	783	
8-E 18-20DUP	ENN002058	7/20/1995	18 - 20	663	
1000-C 20-22DUP	ENN002055	7/21/1995	20 - 22	74	
1000-S (25) 10-12	ENN002053	7/21/1995	10 - 10	633	
1000-S (25) 20-22	ENN002054	7/21/1995	20 - 22	10	UF
S1	60158001	1/17/1996	0 - †	3400	
S2	60158002	1/17/1996	0 - †	2600	
S3	60158003	1/17/1996	0 - †	780	
S4	60158004	1/17/1996	0 - †	2100	
S5	60158005	1/17/1996	0 - †	**39000**	
S6	60158006	1/17/1996	0 - †	**31000**	
S7	60158007	1/17/1996	0 - †	1200	
S8	60158008	1/17/1996	0 - †	**61000**	
DUPLICATE	60158009	1/17/1996	0 - †	1200	
PES-12-1	61929001	5/10/1996	14 - 14.5	**69000**	
PES-12-2	61929002	5/10/1996	14 - 14.5	**54000**	
PES-12-3	61929003	5/10/1996	14 - 14.5	**43000**	
PES-12-4	61929004	5/10/1996	14 - 14.5	**270000**	
PES-12-5	61929005	5/10/1996	14 - 14.5	**320000**	
PES-12-6	61929006	5/10/1996	14 - 14.5	**73000**	
SS-7-01	62032001	5/20/1996	12 - 12.5	2200	
SS-7-02	62032002	5/20/1996	13.5 - 14	3500	
SS-7-03	62032003	5/20/1996	12 - 12.5	3300	
SS-7-04	62032004	5/20/1996	12 - 12.5	6700	
SS-7-05	62032005	5/20/1996	13 - 13.5	8000	
SS-7-07	62032006	5/20/1996	13 - 14	5200	
SS-7-08	62032007	5/20/1996	13 - 14	2900	
SS-7-09	62032008	5/20/1996	13 - 13.5	910	
SS-7-10	62032009	5/20/1996	13 - 13.5	55	
SS-7-11	62032010	5/20/1996	13 - 13.5	310	
SS-7-12	62032011	5/20/1996	12 - 12.5	4900	
SS-7-13	62032012	5/20/1996	13 - 13.5	1200	
SS-9-01	62034001	5/20/1996	7.5 - 8	1000	
SS-9-02	62034002	5/20/1996	11 - 11.5	910	
SS-9-03	62034003	5/20/1996	0 - †	5100	
SS-9-04	62034004	5/20/1996	0 - †	1000	
SS-9-05	62034005	5/20/1996	0 - †	1800	
SS-9-06	62034006	5/20/1996	0 - †	3200	
SS-9-07	62034007	5/20/1996	0 - †	6500	
SS-12-01	62049001	5/21/1996	12 - 12.5	4300	
SS-12-02	62049002	5/21/1996	11.5 - 12	5200	
SS-12-03	62049003	5/21/1996	11.5 - 12	980	
SS-12-07	62049004	5/21/1996	10.5 - 11	180	
SS-15-01	62052002	5/21/1996	7.5 - 8	(22)	U
SS-15-03	62052003	5/21/1996	7.5 - 8	(26)	U
SS-15-05	62052004	5/21/1996	5.5 - 6	84	

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SS-15-06	62052005	5/21/1996	6 - 6.5	88	
SS-15-07	62052006	5/21/1996	7 - 7.5	840	
SS-15-08	62052007	5/21/1996	7.5 - 8	75	
Trench S. of Bldg 24	266139	6/26/1997	3 - †	**14000**	
AOC1-1	73807001	8/21/1997	0 - 0.5	1200	
AOC1-2	73807002	8/21/1997	0 - 0.5	**11000**	
AOC1-3	73807003	8/21/1997	0 - 0.5	**13000**	
AOC1-4	73807004	8/21/1997	0 - 0.5	3400	
AOC1-5	73807005	8/21/1997	0 - 0.5	2800	
AOC1-6	73807006	8/21/1997	0 - 0.5	**15000**	
AOC1-7	73807007	8/21/1997	0 - 0.5	840	
AOC1-8	73807008	8/21/1997	0 - 0.5	1200	
AOC1-9	73807010	8/21/1997	0 - 0.5	2500	
AOC1-2B	74135001	9/5/1997	1.7 - 2	42	
AOC1-5B	74135002	9/5/1997	1.5 - 2	34	
AOC1-10	74135003	9/5/1997	0 - 0.5	1300	
AOC1-10B	74135004	9/5/1997	2 - 2.5	(24)	U
AOC1-11	74135010	9/5/1997	0 - 0.5	440	
AOC1-11 B	74135011	9/5/1997	1.5 - 2	2200	
AOC1-12	74135008	9/5/1997	0 - 0.5	520	
AOC1-12B	74135009	9/5/1997	0.5 - 1	**19000**	
AOC1-13	74135005	9/5/1997	0 - 0.5	(20)	U
AOC1-13B	74135006	9/5/1997	1.3 - 1.7	190	
AOC1-14	74135012	9/5/1997	0 - 0.5	190	
AOC1-14B	74135013	9/5/1997	2 - 2.5	1000	
AOC1-15B	74135007	9/5/1997	1.3 - 1.7	230	
10-ND31SS1	84791009	10/28/1998	2.5 - 3	890	
10ND1SS1	84791001	10/28/1998	3 - 3.5	37	
10ND3SS1	84791002	10/28/1998	2.5 - 3	35	
10ND17SS1	84791003	10/28/1998	2 - 2.5	300	
10-ND9SS1	84791005	10/29/1998	5.5 - 6	51	
10-ND11SS1	84791006	10/29/1998	4 - 4.5	71	
10-ND13SS1	84791007	10/29/1998	6.5 - 7	29	
10-ND15SS1	84791008	10/29/1998	1.5 - 2	(25)	U
10-ND19SS1	84791010	10/29/1998	2.5 - 3	53	
10-ND21SS1	8483002	10/29/1998	3.5 - 4	93	
10-ND23SS1	8483004	10/29/1998	6 - 6.5	280	
10-ND25SS1	8483005	10/29/1998	3.5 - 4	32	
10-ND27SS1	8483003	10/29/1998	1.5 - 2	(24)	U
10-ND29SS1	8483001	10/29/1998	0.5 - 1	710	
10-ND5-SS1	84791004	10/29/1998	1.5 - 2	33	
10-ND7-SS1	8483007	10/29/1998	1.5 - 2	26	
10ND21SS1D	8483006	10/29/1998	3.5 - 4	270	
USTB-SS1A	91311001	4/5/1999	14 - 14.5	470	
USTB-SS1B	91311002	4/5/1999	18 - 18.5	2500	
USTB-SS2A	91311003	4/5/1999	18 - 18.5	720	
USTB-SS2B	91311004	4/5/1999	24 - 24.5	56	
USTB-SS3A	91311006	4/5/1999	18 - 18.5	320	
USTB-SS3B	91311007	4/5/1999	24 - 24.5	28	

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USTB-SS4A	91329001	4/6/1999	18 - 18.5	73	
USTB-SS4B	91329002	4/6/1999	21.5 - 22	220	
USTB-SS5A	91329003	4/6/1999	18.5 - 19	**170000**	
USTB-SS5B	91329004	4/6/1999	24 - 24.5	**83000**	
USTB-SS5BD	91329005	4/6/1999	24 - 24.5	**67000**	
USTB-SS6A	91329006	4/6/1999	17.5 - 18	**180000**	
USTB-SS7A	91368001	4/6/1999	17.5 - 18	**180000**	
USTB-SS7B	91368002	4/6/1999	19.5 - 20	**190000**	
USTA-SS1A	91368006	4/7/1999	11.5 - 12	1000	
USTA-SS2A	91368006	4/7/1999	11.5 - 12	1800	
USTA-SS3A	91368008	4/7/1999	18 - 18.5	**27000**	
USTB-SS10A	91368010	4/7/1999	16.5 - 17	(27)	U
USTB-SS10B	91368011	4/7/1999	18.5 - 19	(26)	U
USTB-SS8A	91368003	4/7/1999	14 - 14.5	49	
USTB-SS8AD	91368004	4/7/1999	14 - 14.5	40	
USTB-SS8B	91368005	4/7/1999	19.5 - 20	39	
USTB-SS9A	91368009	4/7/1999	14.5 - 15	57	
USTB-SS1C	91407007	4/8/1999	24 - 24.5	3500	
USTA-SS4-7	91466004	4/12/1999	6.5 - 7	(27)	U
USTBSS12-9	91466003	4/12/1999	8.5 - 9	67	
USTBSS1119	91466001	4/12/1999	18.5 - 19	5400	
USTBSS1121	91466002	4/12/1999	20.5 - 21	**170000**	
BUILDING 104-1	13697	2/10/2000	0 - 0.5	**40000**	
Sample-2	13698	2/10/2000	0 - 0.5	6600	
Sample-3	13699	2/10/2000	0 - 0.5	**59000**	
Sample-4	13700	2/10/2000	0 - 0.5	**180000**	
Sample-5	13701	2/10/2000	0 - 0.5	**170000**	
Sump 1	230362	9/20/2000	0 - †	(25)	U
Sump 2	230363	9/20/2000	0 - †	(25)	U
A23-1	357425	6/19/2002	0 - 6	26.6	
A23-2	357426	6/19/2002	0 - 6	121	
A23-3	357427	6/19/2002	0 - 0.5	35.5	
A23-4	357428	6/19/2002	0 - 0.5	42.9	
A23-4A	357429	6/19/2002	0 - 0.5	46.7	
A34-1	357431	6/19/2002	0.3 - 0.8	29.1	
A34-2	357432	6/19/2002	0.5 - 1	(25)	U
A34-3	357433	6/19/2002	1 - 1.5	(25)	U
3D-5	394524	12/3/2002	1 - 1.5	78.2	
3C-3A	394795	12/4/2002	0 - 0.5	37.8	
3C-5A	394798	12/4/2002	0 - 0.5	347	
3D-2A	394792	12/4/2002	0 - 0.5	143	
3D-3A	394773	12/4/2002	0 - 0.5	996	
3D-7A	394776	12/4/2002	0 - 0.5	143	
3D-9	394788	12/4/2002	1.5 - 2	40.1	
3D-12A	394785	12/4/2002	0 - 0.5	313	
3D-13A	394782	12/4/2002	0 - 0.5	389	
3D-15A	394779	12/4/2002	0 - 0.5	195	
3C-2_0-.5	395535	12/6/2002	0 - 0.5	227	
3C-7_1-1.5	395538	12/6/2002	1 - 1.5	(25)	U

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3C-11_0-0.5	395540	12/6/2002	0 - 0.5	34.6	
3C-13_0-.5	395548	12/6/2002	0 - 0.5	(25)	U
3C-15_0-.5	395545	12/6/2002	0 - 0.5	27.4	
3C-17_2-2.5	395553	12/6/2002	2 - 2.5	(25)	U
3C-19_2-2.5	395551	12/6/2002	2 - 2.5	(25)	U
3C-9_0-.5	396002	12/9/2002	0 - 0.5	(25)	U
3C-21_0-0.5	395990	12/9/2002	0 - 0.5	(25)	U
3C-23_0-.5	395996	12/9/2002	0 - 0.5	34.2	
3C-25_0-.5	395999	12/9/2002	0 - 0.5	(25)	U
3C-27_0-.5	395993	12/9/2002	0 - 0.5	38.9	
16-16 (2.0-2.5)	229993-005	10/27/2003	2 - 2.5	(22.9)	U
16-17 (2.0-2.5)	229993-006	10/27/2003	2 - 2.5	(23.2)	U
16-18 (2.0-2.5)	229993-003	10/27/2003	2 - 2.5	(25.4)	U
16-31 (4.0-4.5)	229993-002	10/27/2003	4 - 4.5	(23.8)	U
16-32 (2.0-2.5)	229993-001	10/27/2003	2 - 2.5	(26.7)	U
16-10 (2.0-2.5)	229993-012	10/28/2003	2 - 2.5	30.1	
16-19 (4.0-4.5)	229993-008	10/28/2003	4 - 4.5	(21.3)	U
16-21 (4.0-4.5)	229993-009	10/28/2003	4 - 4.5	49.4	
16-22 (4.0-4.5)	229993-010	10/28/2003	4 - 4.5	83.3	
16-23 (6.0-6.5)	229993-011	10/28/2003	6 - 6.5	(24.7)	U
16-27 (2.0-2.5)	229993-013	10/28/2003	2 - 2.5	(24.6)	U
16-12 (2.0-2.5)	230055-003	10/29/2003	2 - 2.5	(16.1)	U
16-12P (2.0-2.5)	230055-004	10/29/2003	2 - 2.5	16.6	
16-13 (4.0-4.5)	230055-005	10/29/2003	4 - 4.5	16.6	U
16-14 (2.0-2.5)	230055-006	10/29/2003	2 - 2.5	(15.1)	U
16-15 (2.0-2.5)	230055-007	10/29/2003	2 - 2.5	(15.6)	U
16-20 (2.0-2.5)	230055-002	10/29/2003	2 - 2.5	(16.6)	U
16-26 (2.0-2.5)	230055-001	10/29/2003	2 - 2.5	(16.6)	U
16-4 (2.0-2.5)	230110-007	10/30/2003	2 - 2.5	25.7	
16-5 (2.0-2.5)	230110-006	10/30/2003	2 - 2.5	60.2	
16-6 (2.0-2.5)	230110-005	10/30/2003	2 - 2.5	55.3	
16-7 (2.0-2.5)	230110-004	10/30/2003	2 - 2.5	261	
16-28 (2.0-2.5)	230110-003	10/30/2003	2 - 2.5	(15.6)	U
16-30 (2.0-2.5)	230110-001	10/30/2003	2 - 2.5	(15.2)	U
16-1 (2.0-2.5)	230156-005	10/31/2003	2 - 2.5	(23.1)	U
16-2 (2.0-2.5)	230156-004	10/31/2003	2 - 2.5	(19.8)	U
16-3 (2.0-2.5)	230156-002	10/31/2003	2 - 2.5	(23.3)	U
16-8 (2.0-2.5)	230156-006	10/31/2003	2 - 2.5	(23.0)	U
16-9 (2.0-2.5)	230156-007	10/31/2003	2 - 2.5	(22.8)	U
16-29 (3.0-3.5)	230156-001	10/31/2003	3 - 3.5	(23.1)	U
16-24 (2.0-2.5)	230207-001	11/3/2003	2 - 2.5	(22.6)	U
16-25 (2.0-2.5)	230207-002	11/3/2003	2 - 2.5	(24.8)	U
16-25P (2.0-2.5)	230207-003	11/3/2003	2 - 2.5	(24.2)	U
B-16-1 (12.5-13.0)	230210-001	11/3/2003	12.5 - 13	(22.5)	U
B-16-2 (12.5-13.0)	230210-002	11/3/2003	12.5 - 13	(22.8)	U
B-16-3 (26.5-27.0)	230210-003	11/3/2003	26.5 - 27	384	
B-16-4 (26.5-27.0)	230210-004	11/3/2003	26.5 - 27	3000	
AOC-39-1A (3.5-4.0)	230327-001	11/5/2003	3.5 - 4	27.3	
AOC-39-1B (6.5-7.0)	230327-002	11/5/2003	6.5 - 7	**14600**	

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AOC-39-1C(11.5-12)	230327-003	11/5/2003	11.5 - 12	39.4	
AOC-39-2 (2.5-3.0)	230327-004	11/5/2003	2.5 - 3	313	
AOC-39-3A (2.5-3.0)	230327-005	11/5/2003	2.5 - 3	29.3	
AOC-39-4 (2.5-3.0)	230327-006	11/5/2003	2.5 - 3	80.4	
AOC-39-5 (2.5-3.0)	230327-008	11/5/2003	2.5 - 3	63.3	
AOC-39-6 (2.5-3.0)	230327-007	11/5/2003	2.5 - 3	59.7	
USTB-5DD	230328-002	11/5/2003	23.5 - 24	**17200**	B
USTB-5P	230328-003	11/5/2003	23.5 - 24	**17800**	B
USTB-SS-11A	230328-001	11/5/2003	24.5 - 25	**12300**	B
AOC-1-3A (3.5-4.0)	230361-026	11/6/2003	3.5 - 4	55.4	
AOC-1-3B (6.5-7.0)	230361-027	11/6/2003	6.5 - 7	92.5	
AOC-1-6A (3.5-4.0)	230361-024	11/6/2003	3.5 - 4	59.5	
AOC-1-6B (14.5-15.0)	230361-025	11/6/2003	14.5 - 15	40.5	
USTB-SS-13A	230360-001	11/6/2003	20.5 - 21	45.7	
USTB-SS-13B	230360-002	11/6/2003	27.5 - 28	**75000**	
USTB-SS-14A	230360-003	11/6/2003	20.5 - 21	73.8	
USTB-SS-14B	230360-004	11/6/2003	27.5 - 28	27.6	
USTB-SS-15	230360-005	11/6/2003	10.5 - 11	138	
AOC-19-5A (7.0-7.5)	230392-006	11/7/2003	7 - 7.5	**95500**	
AOC-19-5B (2.0-2.5)	230392-007	11/7/2003	2 - 2.5	907	
AOC-19-1B (4.0-4.5)	230446-009	11/10/2003	4 - 4.5	**18700**	
AOC-19-1C(14-14.5)	230446-010	11/10/2003	14 - 14.5	1670	
AOC-19-2A (4.0-4.5)	230446-006	11/10/2003	4 - 4.5	**144000**	
AOC-19-2B(14-14.5)	230446-007	11/10/2003	14 - 14.5	3150	
AOC-19-3C(14-14.5)	230446-005	11/10/2003	14 - 14.5	1190	
AOC-19-4A (2.0-2.5)	230446-001	11/10/2003	2 - 2.5	**26000**	
AOC-19-4B(10-10.5)	230446-002	11/10/2003	10 - 10.5	53	
A3E-1 (12.5-13.0)	231251-002	12/3/2003	12.5 - 13	4180	B
A3E-13 (11.5-12.0)	231251-004	12/3/2003	11.5 - 12	1090	B
A3E-3 (1.5-2.0)	231288-002	12/4/2003	1.5 - 2	**24100**	B
A3E-5 (2.0-2.5)	231288-003	12/4/2003	2 - 2.5	**28300**	B
A3E-5 (11.5-12.0)	231289-001	12/4/2003	11.5 - 12	25.8	
A3E-5 (23.5-24.0)	231289-002	12/4/2003	23.5 - 24	26.7	
A3E-11 (1.5-2.0)	231288-001	12/4/2003	1.5 - 2	9700	B
OWS-1 (7.0-7.5)	231411-001	12/9/2003	7 - 7.5	363	
OWS-1P (7.0-7.5)	231411-002	12/9/2003	7 - 7.5	387	
17-DE1 (16.5-17.0)	497674	1/30/2004	16.5 - 17	88.5	
17-DE1P (16.5-17.0)	497675	1/30/2004	16.5 - 17	40.1	
17-DE1 (19.5-20.0)	497676	1/30/2004	19.5 - 20	89.8	
A29-N2 (19.5-20.0)	498141	2/3/2004	19.5 - 20	(25)	U
A39-E1 (3.5-4)	498149	2/3/2004	3.5 - 4	2140	
A39-E1 (6.5-7)	498150	2/3/2004	6.5 - 7	(25)	U
A39-N1 (3.5-4)	498146	2/3/2004	3.5 - 4	82.5	
A39-N1 (6.5-7)	498147	2/3/2004	6.5 - 7	120	
A39-S1 (3.5-4)	498142	2/3/2004	3.5 - 4	31	
A39-S1P (3.5-4)	498143	2/3/2004	3.5 - 4	33.1	
A39-S1 (6.5-7)	498144	2/3/2004	6.5 - 7	(25)	U
A1-19-N1 (4.0-4.5)	498986	2/4/2004	4 - 4.5	2230	
A1-19-N1 (7.0-7.5)	498987	2/4/2004	7 - 7.5	2670	

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A3E-E1 (4.5-5)	498971	2/4/2004	4.5 - 5	(25)	U
A3E-E1 (5-5.5)	498972	2/4/2004	5 - 5.5	33.3	
A3E-E2 (4.5-5)	498974	2/4/2004	4.5 - 5	(25)	U
A3E-E2 (5-5.5)	498975	2/4/2004	5 - 5.5	37.5	
A3E-N1 (4.5-5)	498966	2/4/2004	4.5 - 5	41.4	
A3E-N1P (4.5-5)	498969	2/4/2004	4.5 - 5	106	
A3E-N1 (5-5.5)	498967	2/4/2004	5 - 5.5	137	
A3E-N3 (4.5-5)	498977	2/4/2004	4.5 - 5	(25)	U
A3E-N3 (5-5.5)	498978	2/4/2004	5 - 5.5	(25)	U
A3E-D1 (1.5-2)	498954	2/5/2004	1.5 - 2	(25)	U
A3E-D1 (2-2.5)	498955	2/5/2004	2 - 2.5	25.8	
OWS-2 (7.0-7.5)	498942	2/5/2004	7 - 7.5	516	
OWS-2P (7.0-7.5)	498943	2/5/2004	7 - 7.5	475	
OWS-3 (7-7.5)	498936	2/5/2004	7 - 7.5	1900	
OWS-4 (7-7.5)	498939	2/5/2004	7 - 7.5	467	
SP-1 (0-0.5)	498951	2/5/2004	0 - 0.5	431	
B0102.0	602734	1/25/2005	2 - 2.5	148	
B0500.5	602740	1/25/2005	0.5 - 1	(25)	U
B0700.5	602736	1/25/2005	0.5 - 1	42.5	
B0902.0	602735	1/25/2005	2 - 2.5	(25)	U
B1502.0	602737	1/25/2005	2 - 2.5	(25)	U
B1502.D	602738	1/25/2005	2 - 2.5	(25)	U
B0602.0	602933	1/26/2005	2 - 2.5	(25)	U
B0800.5	602932	1/26/2005	0.5 - 1	68.6	
B1000.5	602931	1/26/2005	0.5 - 1	39.5	
B1200.5	602930	1/26/2005	0.5 - 1	159	
B1402.0	602928	1/26/2005	2 - 2.5	(25)	U
B1602.0	602929	1/26/2005	2 - 2.5	(25)	U
B2104.0	602934	1/26/2005	4 - 4.5	(25)	U
B2104.D	602935	1/26/2005	4 - 4.5	29.6	
B0201.0	603133	1/27/2005	1 - 1.5	30.8	
B1308.5	603131	1/27/2005	8.5 - 9	693	
B1702.0	603132	1/27/2005	2 - 2.5	75.5	
B0301.0	604244	2/2/2005	1 - 1.5	78.5	
B0401.0	604245	2/2/2005	1 - 1.5	44.7	
B1101.0	604246	2/2/2005	1 - 1.5	76.4	
B1800.5	604247	2/2/2005	0.5 - 1	61.3	
B2001.0	604248	2/2/2005	1 - 1.5	77.2	
D0103.5	604249	2/2/2005	3.5 - 4	(25)	U
U0102.5	627423	4/25/2005	2.5 - 3	(25)	U
U0119.5	627424	4/25/2005	19.5 - 20	(25)	U
X0102.0	627409	4/25/2005	2 - 2.5	(25)	U
X0109.5	627410	4/25/2005	9.5 - 10	(25)	U
X0202.0	627411	4/25/2005	2 - 2.5	(25)	U
X0208.0	627412	4/25/2005	8 - 8.5	(25)	U
X0302.0	627413	4/25/2005	2 - 2.5	108	
X0304.0	627414	4/25/2005	4 - 4.5	(25)	U
X0402.5	627415	4/25/2005	2.5 - 3	25.7	
X0407.5	627416	4/25/2005	7.5 - 8	(25)	U

NOTES:

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Depths are presented in feet below ground surface (bgs).

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

UF - Indicates that the analyte was not detected in field lab analysis.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 10000 mg/kg.

TABLE 4
Summary of Soil Analytical Results: Total Petroleum Hydrocarbons
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Sample Date	Depth Interval	Results	
X0502.0	627417	4/25/2005	2 - 2.5	(25)	U
X0512.0	627418	4/25/2005	12 - 12.5	(25)	U
X0602.5	627419	4/25/2005	2.5 - 3	(25)	U
X0611.5	627420	4/25/2005	11.5 - 12	(25)	U
X0702.0	627421	4/25/2005	2 - 2.5	(25)	U
X0707.5	627422	4/25/2005	7.5 - 8	(25)	U
U0203.0	627670	4/26/2005	3 - 3.5	(25)	U
U0210.0	627671	4/26/2005	10 - 10.5	(25)	U
U0404.5	627672	4/26/2005	4.5 - 5	26.30	
U0414.5	627673	4/26/2005	14.5 - 15	(25)	U
U0509.0	627674	4/26/2005	9 - 9.5	38.6	
U0509.D	627675	4/26/2005	9 - 9.5	56.5	
U0515.5	627668	4/26/2005	15.5 - 16	134	
U0607.5	627676	4/26/2005	7.5 - 8	454	
U0305.0	628261	4/27/2005	5 - 5.5	31.2	
U0317.5	628264	4/27/2005	17.5 - 18	25.5	
U0646.5	628260	4/27/2005	46.5 - 47	(25)	U
U0705.5	628703	4/28/2005	5.5 - 6	(25)	U
U0805.5	628701	4/28/2005	5.5 - 6	(25)	U
U0906.0	628700	4/28/2005	6 - 6.5	(25)	U
U1006.0	628698	4/28/2005	6 - 6.5	(25)	U
U1106.0	628699	4/28/2005	6 - 6.5	(25)	U
U1214.5	628710	4/28/2005	14.5 - 15	(25)	U
U1306.0	628704	4/28/2005	6 - 6.5	(25)	U
U1416.0	629057	4/29/2005	16 - 16.5	(25)	U
U1516.0	629056	4/29/2005	16 - 16.5	(25)	U
U1516.D	629053	4/29/2005	16 - 16.5	(25)	U
U1616.0	629058	4/29/2005	16 - 16.5	(25)	U
U1716.0	629055	4/29/2005	16 - 16.5	(25)	U
U1806.0	629054	4/29/2005	6 - 6.5	(25)	U
V0608.0	629376	5/2/2005	8 - 8.5	40.2	
V0715.5	629377	5/2/2005	15.5 - 16	1690	
D0516.5	629658	5/3/2005	16.5 - 17	**208000**	
D0522.5	629659	5/3/2005	22.5 - 23	**161000**	
V0314.0	629657	5/3/2005	14 - 14.5	161	
V0415.0	629654	5/3/2005	15 - 15.5	158	
V0415.D	629655	5/3/2005	15 - 15.5	156	
V0522.0	629656	5/3/2005	22 - 22.5	(25)	U
D0418.0	630052	5/4/2005	18 - 18.5	(25)	U
D0606.0	630048	5/4/2005	6 - 6.5	2610	
D0708.0	630049	5/4/2005	8 - 8.5	(25)	U
D0805.5	630050	5/4/2005	5.5 - 6	**12700**	
D0907.5	630051	5/4/2005	7.5 - 8	(25)	U
V0208.5	630046	5/4/2005	8.5 - 9	(25)	U
V0228.5	630047	5/4/2005	8.5 - 9	(25)	U
V1A14.0	630045	5/4/2005	14 - 14.5	(25)	U
R0100.5	630412	5/5/2005	0.5 - 1	41.1	
R0200.5	630413	5/5/2005	0.5 - 1	76.2	
R0300.5	630414	5/5/2005	0.5 - 1	45.1	

NOTES:

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U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

UF - Indicates that the analyte was not detected in field lab analysis.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 10000 mg/kg.

TABLE 4
Summary of Soil Analytical Results: Total Petroleum Hydrocarbons
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Sample Date	Depth Interval	Results	
R0400.5	630415	5/5/2005	0.5 - 1	(25)	U
A0514.5	634064	5/18/2005	14.5 - 15	438	
A0911.5	634065	5/18/2005	11.5 - 12	626	
A1312.0	634066	5/18/2005	12 - 12.5	(25)	U
A1712.0	634062	5/18/2005	12 - 12.5	(25)	U
A1734.8	634063	5/18/2005	34.8 - 35.3	26.3	
D0421.0	634068	5/18/2005	21 - 21.5	**34500**	
D0430.5	634069	5/18/2005	30.5 - 31	**122000**	
D1116.5	637612	5/31/2005	16.5 - 17	41.3	
D1121.0	637613	5/31/2005	21 - 21.5	41.7	
D1122.5	637614	5/31/2005	22.5 - 23	1960	
D1129.0	637615	5/31/2005	29 - 29.5	**30100**	
D1216.5	637616	5/31/2005	16.5 - 17	29.5	
D1221.0	637617	5/31/2005	21 - 21.5	41	
D1222.0	637618	5/31/2005	22 - 22.5	51.9	
D1230.5	637619	5/31/2005	30.5 - 31	3480	
W0109.0	637621	5/31/2005	9 - 9.5	1240	
W0111.5	637622	5/31/2005	11 - 11.5	8360	
A0108.0	638636	6/2/2005	8 - 8.5	(25)	U
A0108.D	638637	6/2/2005	8 - 8.5	(25)	U
A0119.5	638638	6/2/2005	19.5 - 20	(25)	U
A1034.0	638639	6/2/2005	34 - 34.5	(25)	U
A1047.0	638640	6/2/2005	47 - 47.5	(25)	U
A2126.0	638641	6/2/2005	26 - 26.5	2830	
A2137.5	638642	6/2/2005	37.5 - 38	42.3	
A2217.5	638643	6/2/2005	17.5 - 18	589	
A2230.5	638644	6/2/2005	30.5 - 31	34.3	
D1316.5	638645	6/2/2005	16.5 - 17	29.1	
D1321.0	638646	6/2/2005	21 - 21.5	(25)	U
D1322.5	638647	6/2/2005	22.5 - 23	29.3	
D1329.0	638648	6/2/2005	29 - 29.5	(25)	U
A0511.5	639322	6/3/2005	11.5 - 12	7490	
A0523.5	639323	6/3/2005	23.5 - 24	31.8	
A2016.5	639320	6/3/2005	16.5 - 17	31.9	
A2030.5	639321	6/3/2005	30.5 - 31	(25)	U
D1016.5	639314	6/3/2005	16.5 - 17	31.6	
D1021.0	639315	6/3/2005	21 - 21.5	311	
D1022.5	639316	6/3/2005	22.5 - 23	2800	
D1030.5	639317	6/3/2005	30.5 - 31	808	
D1031.5	639318	6/3/2005	31.5 - 32	1090	
D1419.5	639319	6/3/2005	19.5 - 20	2800	
D1521.5	639324	6/3/2005	21.5 - 22	399	
D1600.0	639991	6/7/2005	0 - 0.5	37.4	
D1604.0	639992	6/7/2005	4 - 4.5	34.3	
D1700.0	639993	6/7/2005	0 - 0.5	30.9	
D1704.0	639994	6/7/2005	4 - 4.5	59.9	

NOTES:

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U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

UF - Indicates that the analyte was not detected in field lab analysis.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 10000 mg/kg.

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**S-1**	**S-2**	**S1-HOLE-4-(0-2)**	**S2-HOLE-4-(2-4)**	**1st Hole 5(0-2)**	**Hole 3: (0-2)**	**Hole 3: (2-4)**
		Lab ID	**87610**	**87611**	**87713**	**87714**	**89236**	**89237**	**89238**
		Sample Date	**7/18/1988**	**7/18/1988**	**7/19/1988**	**7/19/1988**	**8/9/1988**	**8/9/1988**	**8/9/1988**
		Depth Interval	**†**	**†**	**0 - 2**	**2 - 4**	**0 - 2**	**0 - 2**	**2 - 4**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	5 D	0.17
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
1,1,2-Trichloroethane	79-00-5	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
1,1-Dichloroethane	75-34-3	10	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	0.28	0.04 J
1,1-Dichloroethene	75-35-4	8	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
1,2-Dichloroethane	107-06-2	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
1,2-Dichloropropane	78-87-5	10	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(0.01) U	(0.01) U	0.009 J	(0.01) U	(0.06) U	(0.24) U	(0.12) U
4-Methyl-2-Pentanone	108-10-1	50	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.06) U	(0.24) U	(0.12) U
Acetone	67-64-1	100	0.04 B	0.09 B	0.14 B	0.01 B	(0.06) U	0.17 BJ	(0.12) U
Benzene	71-43-2	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Bromodichloromethane	75-27-4	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Bromoform	75-25-2	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Bromomethane	74-83-9	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Carbon Disulfide	75-15-0	-	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Carbon tetrachloride	56-23-5	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Chlorobenzene	108-90-7	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Chloroethane	75-00-3	-	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Chloroform	67-66-3	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Chloromethane	74-87-3	10	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
cis-1,2-Dichloroethene	156-59-2	1	NR	NR	NR	NR	NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Dibromochloromethane	124-48-1	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Ethylbenzene	100-41-4	100	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.08) U	(0.06) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(0.01) U	(0.01) U	0.02	(0.01) U	(0.06) U	(0.24) U	(0.12) U
Methylene Chloride	75-09-2	1	0.01	0.01	0.009	(0.006) U	0.03 BJ	0.93 B	0.07 B
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	0.12 J	(0.06) U
Tetrachloroethene	127-18-4	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	**7.6** D	**1.5**
Toluene	108-88-3	500	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Total Xylenes	1330-20-7	67	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	0.93	(0.06) U
Total-1,2-Dichloroethene	540-59-0	-	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR
Trans-1,3-Dichloropropene	10061-02-6	-	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Trichloroethylene	79-01-6	1	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(0.006) U	(0.006) U	(0.006) U	(0.006) U	(0.03) U	(0.12) U	(0.06) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B2-0-2	B2-0-4	Site1-Sample 1(0-2)	Site1-Sample 2(2-4)	Site 6-Sample1 (0-3)	Site 7-Sample3	1000-S 1-3
		Lab ID	89346	89347	90036	90037	90505	91261	ENN002001
		Sample Date	8/10/1988	8/10/1988	8/18/1988	8/18/1988	8/24/1988	9/2/1988	7/19/1995
		Depth Interval	0 - 2	2 - 4	0 - 2	2 - 4	0 - 3	4 - 6	1 - 3
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
1,1,2-Trichloroethane	79-00-5	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
1,1-Dichloroethane	75-34-3	10	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
1,1-Dichloroethene	75-35-4	8	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
1,2-Dichloroethane	107-06-2	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
1,2-Dichloropropane	78-87-5	10	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(1.2) U	(1.2) J	(1.2) U	(1.2) U	(0.01) U	(0.01) U	NR
4-Methyl-2-Pentanone	108-10-1	50	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(0.01) U	(0.01) U	NR
Acetone	67-64-1	100	(1.2) U	(1.2) B	5.2 B	18 B	0.03 B	0.27 D	NR
Benzene	71-43-2	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	0.01 UF
Bromodichloromethane	75-27-4	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Bromoform	75-25-2	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Bromomethane	74-83-9	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Carbon Disulfide	75-15-0	-	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.01) U	NR
Carbon tetrachloride	56-23-5	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Chlorobenzene	108-90-7	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Chloroethane	75-00-3	-	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Chloroform	67-66-3	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Chloromethane	74-87-3	10	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
cis-1,2-Dichloroethene	156-59-2	1	NR	NR	NR	NR	NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Dibromochloromethane	124-48-1	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Ethylbenzene	100-41-4	100	(0.6) U	(0.6) U	0.91	6.1	(0.006) U	(0.006) U	0.01 UF
Methyl Ethyl Ketone (MEK)	78-93-3	50	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(0.01) U	(0.01) U	NR
Methylene Chloride	75-09-2	1	**1.4** B	**1.3**	0.61	0.62	(0.006) U	(0.006) U	NR
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Tetrachloroethene	127-18-4	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Toluene	108-88-3	500	0.45 B	0.77 U	(0.61) U	(0.62) U	0.004 BJ	(0.006) U	0.01 UF
Total Xylenes	1330-20-7	67	(0.6) U	1.7 U	(0.61) U	5.5	(0.006) U	(0.006) U	0.01
Total-1,2-Dichloroethene	540-59-0	-	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR
Trans-1,3-Dichloropropene	10061-02-6	-	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Trichloroethylene	79-01-6	1	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(0.6) U	(0.6) U	(0.61) U	(0.62) U	(0.006) U	(0.006) U	NR

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U - Indicates that the analyte was not detected at the MDL shown in parentheses.
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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**1000-S 5-7**	**1000-S 10-12**	**1000-S 15-17**	**1000-S 20-22**	**1000-C 1-3**	**1000-C 5-7**	**1000C_5.5-6.0**
		Lab ID	**ENN002002**	**ENN002003**	**ENN002004**	**ENN002005**	**ENN002006**	**ENN002007**	**27639**
		Sample Date	**7/19/1995**	**7/19/1995**	**7/19/1995**	**7/19/1995**	**7/19/1995**	**7/19/1995**	**7/19/1995**
		Depth Interval	**5 - 7**	**10 - 12**	**15 - 17**	**20 - 22**	**1 - 3**	**5 - 7**	**5.5 - 6**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	NR	NR	NR	NR	NR	NR	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	NR	NR	NR	NR	NR	NR	(0.3) U
1,1,2-Trichloroethane	79-00-5	1	NR	NR	NR	NR	NR	NR	(0.3) U
1,1-Dichloroethane	75-34-3	10	NR	NR	NR	NR	NR	NR	(0.3) U
1,1-Dichloroethene	75-35-4	8	NR	NR	NR	NR	NR	NR	(0.3) U
1,2-Dichloroethane	107-06-2	1	NR	NR	NR	NR	NR	NR	(0.3) U
1,2-Dichloropropane	78-87-5	10	NR	NR	NR	NR	NR	NR	(0.3) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	(0.3) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.01 UF	(0.3) U
Bromodichloromethane	75-27-4	1	NR	NR	NR	NR	NR	NR	(0.3) U
Bromoform	75-25-2	1	NR	NR	NR	NR	NR	NR	(0.3) U
Bromomethane	74-83-9	1	NR	NR	NR	NR	NR	NR	(0.3) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	NR	NR	NR	NR	NR	NR	(0.3) U
Chlorobenzene	108-90-7	1	NR	NR	NR	NR	NR	NR	(0.3) U
Chloroethane	75-00-3	-	NR	NR	NR	NR	NR	NR	(0.3) U
Chloroform	67-66-3	1	NR	NR	NR	NR	NR	NR	(0.3) U
Chloromethane	74-87-3	10	NR	NR	NR	NR	NR	NR	(0.3) U
cis-1,2-Dichloroethene	156-59-2	1	NR	NR	NR	NR	NR	NR	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	-	NR	NR	NR	NR	NR	NR	(0.3) U
Dibromochloromethane	124-48-1	1	NR	NR	NR	NR	NR	NR	(0.3) U
Ethylbenzene	100-41-4	100	1.29	0.13	0.01	0.01	0.16	0.88	(0.3) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	NR	NR	NR	NR	NR	NR	(0.3) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	NR	NR	NR	NR	NR	NR	(0.3) U
Toluene	108-88-3	500	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.12	0.1	(0.3) U
Total Xylenes	1330-20-7	67	0.6	0.24	0.01	0.04	0.81	0.76	(0.3) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	(0.3) U
Trans-1,3-Dichloropropene	10061-02-6	-	NR	NR	NR	NR	NR	NR	(0.3) U
Trichloroethylene	79-01-6	1	NR	NR	NR	NR	NR	NR	(0.3) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	(0.3) U
Vinyl Chloride	75-01-4	2	NR		NR	NR	NR	NR	(0.3) U

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Volatile Organic Compounds
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		Sample ID	1000-C 10-12	1000-C 15-17	1000-C 20-22	1000-N 1-3	1000-N 5-7	1000-N 10-12	1000-N 15-17
		Lab ID	ENN002008	ENN002009	ENN002010	ENN002011	ENN002012	ENN002013	ENN002014
		Sample Date	7/19/1995	7/19/1995	7/19/1995	7/19/1995	7/19/1995	7/19/1995	7/19/1995
		Depth Interval	10 - 12	15 - 17	20 - 22	1 - 3	5 - 7	10 - 12	15 - 17
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	NR	NR	NR	NR	NR	NR	NR
1,1,2,2-Tetrachloroethane	79-34-5	1	NR	NR	NR	NR	NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1	NR	NR	NR	NR	NR	NR	NR
1,1-Dichloroethane	75-34-3	10	NR	NR	NR	NR	NR	NR	NR
1,1-Dichloroethene	75-35-4	8	NR	NR	NR	NR	NR	NR	NR
1,2-Dichloroethane	107-06-2	1	NR	NR	NR	NR	NR	NR	NR
1,2-Dichloropropane	78-87-5	10	NR	NR	NR	NR	NR	NR	NR
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.01 UF
Bromodichloromethane	75-27-4	1	NR	NR	NR	NR	NR	NR	NR
Bromoform	75-25-2	1	NR	NR	NR	NR	NR	NR	NR
Bromomethane	74-83-9	1	NR	NR	NR	NR	NR	NR	NR
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	NR	NR	NR	NR	NR	NR	NR
Chlorobenzene	108-90-7	1	NR	NR	NR	NR	NR	NR	NR
Chloroethane	75-00-3	-	NR	NR	NR	NR	NR	NR	NR
Chloroform	67-66-3	1	NR	NR	NR	NR	NR	NR	NR
Chloromethane	74-87-3	10	NR	NR	NR	NR	NR	NR	NR
cis-1,2-Dichloroethene	156-59-2	1	NR	NR	NR	NR	NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-	NR	NR	NR	NR	NR	NR	NR
Dibromochloromethane	124-48-1	1	NR	NR	NR	NR	NR	NR	NR
Ethylbenzene	100-41-4	100	0.03	0.02	0.01 UF	0.01 UF	0.58	0.01 UF	0.06
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	NR	NR	NR	NR	NR	NR	NR
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	NR	NR	NR	NR	NR	NR	NR
Toluene	108-88-3	500	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.01 UF	0.01 UF
Total Xylenes	1330-20-7	67	0.03	0.02	0.04	0.01 UF	0.5	0.01 UF	0.06
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR
Trans-1,3-Dichloropropene	10061-02-6	-	NR	NR	NR	NR	NR	NR	NR
Trichloroethylene	79-01-6	1	NR	NR	NR	NR	NR	NR	NR
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	NR	NR	NR	NR	NR	NR	NR

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TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
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		Sample ID	1000-N 20-22	6-C 18.0-18.5	6C_18-19	6-W 10.0-10.5	1000-S 10 1-2	1000-S 10 5-6	1000-S 10 20-21
		Lab ID	ENN002015	ENN002036	27584	ENN002037	ENN002042	ENN002040	ENN002041
		Sample Date	7/19/1995	7/20/1995	7/20/1995	7/20/1995	7/20/1995	7/20/1995	7/20/1995
		Depth Interval	20 - 22	18 - 18.5	18 - 19	10 - 10.5	1 - 2	5 - 6	20 - 21
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	NR	NR	(0.15) U	NR	NR	NR	NR
1,1,2,2-Tetrachloroethane	79-34-5	1	NR	NR	(0.15) U	NR	NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1	NR	NR	(0.15) U	NR	NR	NR	NR
1,1-Dichloroethane	75-34-3	10	NR	NR	(0.15) U	NR	NR	NR	NR
1,1-Dichloroethene	75-35-4	8	NR	NR	(0.15) U	NR	NR	NR	NR
1,2-Dichloroethane	107-06-2	1	NR	NR	(0.15) U	NR	NR	NR	NR
1,2-Dichloropropane	78-87-5	10	NR	NR	(0.15) U	NR	NR	NR	NR
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	(0.15) U	NR	NR	NR	NR
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	0.01 UF	0.01 UF	(0.15) U	0.01 UF	0.01 UF	0.01 UF	0.01 UF
Bromodichloromethane	75-27-4	1	NR	NR	(0.15) U	NR	NR	NR	NR
Bromoform	75-25-2	1	NR	NR	(0.15) U	NR	NR	NR	NR
Bromomethane	74-83-9	1	NR	NR	(0.15) U	NR	NR	NR	NR
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	NR	NR	(0.15) U	NR	NR	NR	NR
Chlorobenzene	108-90-7	1	NR	NR	(0.15) U	NR	NR	NR	NR
Chloroethane	75-00-3	-	NR	NR	(0.15) U	NR	NR	NR	NR
Chloroform	67-66-3	1	NR	NR	(0.15) U	NR	NR	NR	NR
Chloromethane	74-87-3	10	NR	NR	(0.15) U	NR	NR	NR	NR
cis-1,2-Dichloroethene	156-59-2	1	NR	NR	(0.15) U	NR	NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-	NR	NR	(0.15) U	NR	NR	NR	NR
Dibromochloromethane	124-48-1	1	NR	NR	(0.15) U	NR	NR	NR	NR
Ethylbenzene	100-41-4	100	0.01 UF	0.69	0.09 J	0.01 UF	0.01 UF	0.01 UF	0.76
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	NR	NR	(0.15) U	NR	NR	NR	NR
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	NR	NR	(0.15) U	NR	NR	NR	NR
Toluene	108-88-3	500	0.01 UF	0.01 UF	(0.15) U	0.01 UF	0.01 UF	0.01 UF	0.01 UF
Total Xylenes	1330-20-7	67	0.01 UF	1.32	(0.15) U	0.01 UF	0.01 UF	0.01 UF	0.68
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	(0.15) U	NR	NR	NR	NR
Trans-1,3-Dichloropropene	10061-02-6	-	NR	NR	(0.15) U	NR	NR	NR	NR
Trichloroethylene	79-01-6	1	NR	NR	(0.15) U	NR	NR	NR	NR
Trichlorofluoromethane	75-69-4	-	NR	NR	(0.15) U	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	NR	NR	(0.15) U	NR	NR	NR	NR

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Volatile Organic Compounds
Main Facility Area SI/RI/RAW
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		Sample ID	1000-S 10 10.5-11.0	1000-S 10 15.5-16.0	6W_10-12	8C_6-7	8-C 6-8	8-E 18-20	8-E 18-20DUP
		Lab ID	ENN002043	ENN002044	27585	27586	ENN002038	ENN002039	ENN002058
		Sample Date	7/20/1995	7/20/1995	7/20/1995	7/20/1995	7/20/1995	7/20/1995	7/20/1995
		Depth Interval	10.5 - 11	15.5 - 16	10 - 12	6 - 7	6 - 8	18 - 20	18 - 20
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
1,1,2,2-Tetrachloroethane	79-34-5	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
1,1-Dichloroethane	75-34-3	10	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
1,1-Dichloroethene	75-35-4	8	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
1,2-Dichloroethane	107-06-2	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
1,2-Dichloropropane	78-87-5	10	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	0.02 J	NR	NR	NR	NR
Benzene	71-43-2	1	0.01 UF	0.01 UF	(0.0012) U	(0.32) U	0.01 UF	0.01 UF	0.01 UF
Bromodichloromethane	75-27-4	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Bromoform	75-25-2	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Bromomethane	74-83-9	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Chlorobenzene	108-90-7	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Chloroethane	75-00-3	-	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Chloroform	67-66-3	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Chloromethane	74-87-3	10	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
cis-1,2-Dichloroethene	156-59-2	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Dibromochloromethane	124-48-1	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Ethylbenzene	100-41-4	100	0.74	0.01 UF	(0.0012) U	(0.32) U	0.17	0.22	0.11
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	NR	NR	0.0081 B	(0.32) U	NR	NR	NR
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Toluene	108-88-3	500	0.01 UF	0.01 UF	(0.0012) U	(0.32) U	0.01 UF	0.03	0.01 UF
Total Xylenes	1330-20-7	67	0.69	0.01 UF	(0.0012) U	(0.32) U	0.23	0.66	0.32
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Trans-1,3-Dichloropropene	10061-02-6	-	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Trichloroethylene	79-01-6	1	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Trichlorofluoromethane	75-69-4	-	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR
Vinyl Chloride	75-01-4	2	NR	NR	(0.0012) U	(0.32) U	NR	NR	NR

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**8E_18-19**	**1000-S 25 10-12**	**1000-S 25 20-22**	**1000-C 20-22DUP**	**PES-12-1**	**PES-12-2**	**PES-12-3**
		Lab ID	**27587**	**ENN002053**	**ENN002054**	**ENN002055**	**61929001**	**61929002**	**61929003**
		Sample Date	**7/20/1995**	**7/21/1995**	**7/21/1995**	**7/21/1995**	**5/10/1996**	**5/10/1996**	**5/10/1996**
		Depth Interval	**18 - 19**	**10 - 10**	**20 - 22**	**20 - 22**	**14 - 14.5**	**14 - 14.5**	**14 - 14.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
1,1,2-Trichloroethane	79-00-5	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
1,1-Dichloroethane	75-34-3	10	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
1,1-Dichloroethene	75-35-4	8	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
1,2-Dichloroethane	107-06-2	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
1,2-Dichloropropane	78-87-5	10	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.15) U	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	NR	NR	NR	NR	(0.01) U	(0.01) U	(0.01) U
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	(0.01) U	(0.01) U	(0.01) U
Acetone	67-64-1	100	NR	NR	NR	NR	(0.01) U	(99) U	(0.01) U
Benzene	71-43-2	1	(0.15) U	0.01 UF	0.01 UF	0.01 UF	(0.006) U	(0.006) U	(0.006) U
Bromodichloromethane	75-27-4	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Bromoform	75-25-2	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Bromomethane	74-83-9	1	(0.15) U	NR	NR	NR	(0.01) U	(0.01) U	(0.01) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Carbon tetrachloride	56-23-5	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Chlorobenzene	108-90-7	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Chloroethane	75-00-3	-	(0.15) U	NR	NR	NR	(0.01) U	(0.01) U	(0.01) U
Chloroform	67-66-3	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Chloromethane	74-87-3	10	(0.15) U	NR	NR	NR	(0.01) U	(0.01) U	(0.01) U
cis-1,2-Dichloroethene	156-59-2	1	(0.15) U	NR	NR	NR	NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Dibromochloromethane	124-48-1	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Ethylbenzene	100-41-4	100	(0.15) U	0.07	0.01 UF	0.01 UF	(0.006) U	(0.006) U	(0.006) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	(0.01) U	(0.01) U	(0.01) U
Methylene Chloride	75-09-2	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Tetrachloroethene	127-18-4	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Toluene	108-88-3	500	(0.15) U	0.01 UF	0.01 UF	0.01 UF	(0.006) U	(0.006) U	(0.006) U
Total Xylenes	1330-20-7	67	(0.15) U	0.11	0.01 UF	0.01	(0.006) U	(0.006) U	(0.006) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Trans-1,2-Dichloroethene	156-60-5	50	(0.15) U	NR	NR	NR	NR	NR	NR
Trans-1,3-Dichloropropene	10061-02-6	-	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Trichloroethylene	79-01-6	1	(0.15) U	NR	NR	NR	(0.006) U	(0.006) U	(0.006) U
Trichlorofluoromethane	75-69-4	-	(0.15) U	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(0.15) U	NR	NR	NR	(0.01) U	(0.01) U	(0.01) U

NOTES:
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Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**PES-12-4**	**PES-12-5**	**PES-12-6**	**SS-7-04**	**SS-7-05**	**SS-7-07**	**SS-9-03**
		Lab ID	**61929004**	**61929005**	**61929006**	**62032004**	**62032005**	**62032006**	**62034003**
		Sample Date	**5/10/1996**	**5/10/1996**	**5/10/1996**	**5/20/1996**	**5/20/1996**	**5/20/1996**	**5/20/1996**
		Depth Interval	**14 - 14.5**	**14 - 14.5**	**14 - 14.5**	**12 - 12.5**	**13 - 13.5**	**13 - 14**	**0 - †**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
1,1,2-Trichloroethane	79-00-5	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
1,1-Dichloroethane	75-34-3	10	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
1,1-Dichloroethene	75-35-4	8	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
1,2-Dichloroethane	107-06-2	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
1,2-Dichloropropane	78-87-5	10	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(0.01) U	(0.05) U	(0.01) U	(1.3) U	(0.71) U	(1.4) U	(0.06) U
4-Methyl-2-Pentanone	108-10-1	50	(0.01) U	(0.05) U	(0.01) U	(1.3) U	(0.71) U	(1.4) U	(0.06) U
Acetone	67-64-1	100	0.01	0.31	(0.01) U	(1.3) U	(0.71) U	(1.4) U	0.29
Benzene	71-43-2	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Bromodichloromethane	75-27-4	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Bromoform	75-25-2	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Bromomethane	74-83-9	1	(0.01) U	(0.05) U	(0.01) U	**(1.3)** U	(0.71) U	**(1.4)** U	(0.06) U
Carbon Disulfide	75-15-0	-	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Carbon tetrachloride	56-23-5	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Chlorobenzene	108-90-7	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Chloroethane	75-00-3	-	(0.01) U	(0.05) U	(0.01) U	(1.3) U	(0.71) U	(1.4) U	(0.06) U
Chloroform	67-66-3	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Chloromethane	74-87-3	10	(0.01) U	(0.05) U	(0.01) U	(1.3) U	(0.71) U	(1.4) U	(0.06) U
cis-1,2-Dichloroethene	156-59-2	1	NR	NR	NR	NR	NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Dibromochloromethane	124-48-1	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Ethylbenzene	100-41-4	100	(0.006) U	(0.02) U	(0.006) U	(0.7) U	0.35 J	(0.72) U	(0.03) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(0.01) U	(0.05) U	(0.01) U	(1.3) U	(0.71) U	(1.4) U	(0.06) U
Methylene Chloride	75-09-2	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	2.10	NR	NR
Styrene	100-42-5	23	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Tetrachloroethene	127-18-4	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Toluene	108-88-3	500	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Total Xylenes	1330-20-7	67	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Total-1,2-Dichloroethene	540-59-0	-	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR
Trans-1,3-Dichloropropene	10061-02-6	-	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Trichloroethylene	79-01-6	1	(0.006) U	(0.02) U	(0.006) U	(0.7) U	(0.37) U	(0.72) U	(0.03) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(0.01) U	(0.05) U	(0.01) U	(1.3) U	(0.71) U	(1.4) U	(0.06) U

NOTES:
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U - Indicates that the analyte was not detected at the MDL shown in parentheses.
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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

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Summary of Soil Analytical Results:
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		Sample ID	**SS-9-06**	**SS-12-01**	**SS-12-02**	**SS-12-03**	**SS-12-07**	**SS-14-01**	**SS-14-02**
		Lab ID	**62034006**	**62049001**	**62049002**	**62049003**	**62049004**	**62057001**	**62057002**
		Sample Date	**5/20/1996**	**5/21/1996**	**5/21/1996**	**5/21/1996**	**5/21/1996**	**5/21/1996**	**5/21/1996**
		Depth Interval	**0 - †**	**12 - 12.5**	**11.5 - 12**	**11.5 - 12**	**10.5 - 11**	**8.5 - 9**	**0 - †**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
1,1,2-Trichloroethane	79-00-5	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
1,1-Dichloroethane	75-34-3	10	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
1,1-Dichloroethene	75-35-4	8	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
1,2-Dichloroethane	107-06-2	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
1,2-Dichloropropane	78-87-5	10	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(0.03) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U
4-Methyl-2-Pentanone	108-10-1	50	(0.06) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	0.004 J	(0.01) U
Acetone	67-64-1	100	0.09	(0.01) U	(0.01) U	0.07	0.05	0.01	(0.01) U
Benzene	71-43-2	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Bromodichloromethane	75-27-4	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Bromoform	75-25-2	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Bromomethane	74-83-9	1	(0.06) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U
Carbon Disulfide	75-15-0	-	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Carbon tetrachloride	56-23-5	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Chlorobenzene	108-90-7	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Chloroethane	75-00-3	-	(0.06) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U
Chloroform	67-66-3	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Chloromethane	74-87-3	10	(0.06) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U
cis-1,2-Dichloroethene	156-59-2	1	NR	NR	NR	NR	NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Dibromochloromethane	124-48-1	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Ethylbenzene	100-41-4	100	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(0.06) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U
Methylene Chloride	75-09-2	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Tetrachloroethene	127-18-4	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Toluene	108-88-3	500	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Total Xylenes	1330-20-7	67	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Total-1,2-Dichloroethene	540-59-0	-	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR
Trans-1,3-Dichloropropene	10061-02-6	-	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Trichloroethylene	79-01-6	1	(0.03) U	(0.006) U	(0.006) U	(0.006) U	(0.005) U	(0.005) U	(0.006) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(0.06) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**SS-15-07**	**10ND1SS1**	**10ND3SS1**	**10ND17SS1**	**10ND31SS1**
		Lab ID	**62052006**	**84791001**	**84791002**	**84791003**	**84791009**
		Sample Date	**5/21/1996**	**10/28/1998**	**10/28/1998**	**10/28/1998**	**10/28/1998**
		Depth Interval	**7 - 7.5**	**3 - 3.5**	**2.5 - 3**	**2 - 2.5**	**2.5 - 3**
Analyte	**CAS-RN**	**MSSCC**					
1,1,1-Trichloroethane	71-55-6	50	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
1,1,2-Trichloroethane	79-00-5	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
1,1-Dichloroethane	75-34-3	10	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
1,1-Dichloroethene	75-35-4	8	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
1,2-Dichloroethane	107-06-2	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
1,2-Dichloropropane	78-87-5	10	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(0.01) U	(1.7) U	(1.9) U	(1.6) U	(2.2) U
4-Methyl-2-Pentanone	108-10-1	50	(0.01) U	(1.7) U	(1.9) U	(1.6) U	(2.2) U
Acetone	67-64-1	100	0.01	(1.7) U	(1.9) U	(1.6) U	(2.2) U
Benzene	71-43-2	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Bromodichloromethane	75-27-4	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Bromoform	75-25-2	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Bromomethane	74-83-9	1	(0.01) U	**(1.7)** U	**(1.9)** U	**(1.6)** U	**(2.2)** U
Carbon Disulfide	75-15-0	-	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
Carbon tetrachloride	56-23-5	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Chlorobenzene	108-90-7	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Chloroethane	75-00-3	-	(0.01) U	(1.7) U	(1.9) U	(1.6) U	(2.2) U
Chloroform	67-66-3	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Chloromethane	74-87-3	10	(0.01) U	(1.7) U	(1.9) U	(1.6) U	(2.2) U
cis-1,2-Dichloroethene	156-59-2	1	NR	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
cis-1,3-Dichloropropene	10061-01-5	-	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
Dibromochloromethane	124-48-1	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Ethylbenzene	100-41-4	100	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(0.01) U	(1.7) U	(1.9) U	(1.6) U	(2.2) U
Methylene Chloride	75-09-2	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
Tetrachloroethene	127-18-4	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**1.2**
Toluene	108-88-3	500	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
Total Xylenes	1330-20-7	67	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
Total-1,2-Dichloroethene	540-59-0	-	(0.006) U	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	NR	(0.86) U	(0.97) U	(0.82) U	(1.2) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.006) U	(0.86) U	(0.97) U	(0.82) U	(1.2) U
Trichloroethylene	79-01-6	1	(0.006) U	(0.86) U	(0.97) U	(0.82) U	**(1.2)** U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(0.01) U	(1.7) U	(1.9) U	(1.6) U	**(2.2)** U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	10-ND11SS1	10-ND13SS1	10-ND15SS1	10-ND19SS1	10-ND21SS1	10ND21SS1D	10-ND23SS1
		Lab ID	84791006	84791007	84791008	84791010	8483002	8483006	8483004
		Sample Date	10/29/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998
		Depth Interval	4 - 4.5	6.5 - 7	1.5 - 2	2.5 - 3	3.5 - 4	3.5 - 4	6 - 6.5
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
1,1,2-Trichloroethane	79-00-5	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
1,1-Dichloroethane	75-34-3	10	(0.69) U	(0.77) U	(0.68) U	(1.5) U	(0.88) U	(0.92) U	(0.69) U
1,1-Dichloroethene	75-35-4	8	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
1,2-Dichloroethane	107-06-2	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
1,2-Dichloropropane	78-87-5	10	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(1.3) U	(1.5) U	(1.3) U	(1.5) U	(1.7) U	(1.8) U	(1.3) U
4-Methyl-2-Pentanone	108-10-1	50	(1.3) U	(1.5) U	(1.3) U	(1.5) U	(1.7) U	(1.8) U	(1.3) U
Acetone	67-64-1	100	(1.3) U	(1.5) U	(1.3) U	(1.5) U	(1.7) U	(1.8) U	(1.3) U
Benzene	71-43-2	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Bromodichloromethane	75-27-4	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Bromoform	75-25-2	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Bromomethane	74-83-9	1	**(1.3)** U	**(1.5)** U	**(1.30)** U	**(1.5)** U	**(1.7)** U	**(1.8)** U	**(1.3)** U
Carbon Disulfide	75-15-0	-	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Carbon tetrachloride	56-23-5	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Chlorobenzene	108-90-7	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Chloroethane	75-00-3	-	(1.3) U	(1.5) U	(1.3) U	(0.76) U	(1.7) U	(1.8) U	(1.3) U
Chloroform	67-66-3	1	(0.69) U	(0.77) U	(0.68) U	**(1.5)** U	(0.88) U	(0.92) U	(0.69) U
Chloromethane	74-87-3	10	(1.3) U	(1.5) U	(1.3) U	(0.76) U	(1.7) U	(1.8) U	(1.3) U
cis-1,2-Dichloroethene	156-59-2	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Dibromochloromethane	124-48-1	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Ethylbenzene	100-41-4	100	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(1.3) U	(1.5) U	(1.3) U	(1.5) U	(1.7) U	(1.8) U	(1.3) U
Methylene Chloride	75-09-2	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Tetrachloroethene	127-18-4	1	(0.69) U	(0.77) U	(0.68) U	**2.4**	(0.88) U	(0.92) U	(0.69) U
Toluene	108-88-3	500	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Total Xylenes	1330-20-7	67	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Trichloroethylene	79-01-6	1	(0.69) U	(0.77) U	(0.68) U	(0.76) U	(0.88) U	(0.92) U	(0.69) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(1.3) U	(1.5) U	(1.3) U	(1.5) U	(1.7) U	(1.8) U	(1.3) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
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J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	10-ND25SS1	10-ND27SS1	10-ND29SS1	10-ND5-SS1	10-ND7-SS1	10-ND9SS1	AOC11-SS2-5
		Lab ID	8483005	8483003	8483001	84791004	8483007	84791005	91407008
		Sample Date	10/29/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998	4/8/1999
		Depth Interval	3.5 - 4	1.5 - 2	0.5 - 1	1.5 - 2	1.5 - 2	5.5 - 6	4.5 - 5
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
1,1,2-Trichloroethane	79-00-5	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
1,1-Dichloroethane	75-34-3	10	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
1,1-Dichloroethene	75-35-4	8	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
1,2-Dichloroethane	107-06-2	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
1,2-Dichloropropane	78-87-5	10	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(1.4) U	(1.6) U	(1.4) U	(1.6) U	(1.4) U	(1.9) U	(0.01) U
4-Methyl-2-Pentanone	108-10-1	50	(1.4) U	(1.6) U	(1.4) U	(1.6) U	(1.4) U	(1.9) U	(0.01) U
Acetone	67-64-1	100	(1.4) U	(1.6) U	(1.4) U	(1.6) U	(1.4) U	(1.9) U	(0.01) U
Benzene	71-43-2	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Bromodichloromethane	75-27-4	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Bromoform	75-25-2	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Bromomethane	74-83-9	1	**(1.4)** U	**(1.6)** U	**(1.4)** U	**(1.6)** U	**(1.4)** U	**(1.9)** U	(0.01) U
Carbon Disulfide	75-15-0	-	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Carbon tetrachloride	56-23-5	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Chlorobenzene	108-90-7	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Chloroethane	75-00-3	-	(1.4) U	(1.6) U	(1.4) U	(1.6) U	(1.4) U	(1.9) U	(0.01) U
Chloroform	67-66-3	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Chloromethane	74-87-3	10	(1.4) U	(1.6) U	(1.4) U	(1.6) U	(1.4) U	(1.9) U	(0.01) U
cis-1,2-Dichloroethene	156-59-2	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Dibromochloromethane	124-48-1	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Ethylbenzene	100-41-4	100	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(1.4) U	(1.6) U	(1.4) U	(1.6) U	(1.4) U	(1.9) U	(0.01) U
Methylene Chloride	75-09-2	1	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Tetrachloroethene	127-18-4	1	(0.75) U	(0.81) U	**75** E	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Toluene	108-88-3	500	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Total Xylenes	1330-20-7	67	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.75) U	(0.81) U	(0.71) U	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Trichloroethylene	79-01-6	1	(0.75) U	(0.81) U	**14**	(0.81) U	(0.75) U	(0.97) U	(0.007) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(1.4) U	(1.6) U	(1.4) U	(1.6) U	(1.4) U	(1.9) U	(0.01) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC11-SS29**	**AOC11-SS38**	**AOC11SS38D**	**AOC11-SS48**	**USTA-SS1A**	**USTA-SS2A**	**USTA-SS3A**
		Lab ID	**91407001**	**91407002**	**91407003**	**91407004**	**92462003**	**92462002**	**92462001**
		Sample Date	**4/8/1999**	**4/8/1999**	**4/8/1999**	**4/8/1999**	**6/16/1999**	**6/16/1999**	**6/16/1999**
		Depth Interval	**8.5 - 9**	**7.5 - 8**	**7.5 - 8**	**8 - 8.5**	**10 - 10.5**	**10 - 10.5**	**18 - 18.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
1,1,2-Trichloroethane	79-00-5	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
1,1-Dichloroethane	75-34-3	10	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
1,1-Dichloroethene	75-35-4	8	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
1,2-Dichloroethane	107-06-2	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
1,2-Dichloropropane	78-87-5	10	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(1.8) U	(1.8) U	(1.6) U
4-Methyl-2-Pentanone	108-10-1	50	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(1.8) U	(1.8) U	(1.6) U
Acetone	67-64-1	100	2.2	(0.01) U	(0.01) U	(0.01) U	(1.8) U	(1.8) U	(1.6) U
Benzene	71-43-2	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Bromodichloromethane	75-27-4	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Bromoform	75-25-2	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Bromomethane	74-83-9	1	(0.01) U	(0.01) U	(0.01) U	(0.01) U	**(1.8)** U	**(1.8)** U	**(1.6)** U
Carbon Disulfide	75-15-0	-	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Carbon tetrachloride	56-23-5	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Chlorobenzene	108-90-7	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Chloroethane	75-00-3	-	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(1.8) U	(1.8) U	(1.6) U
Chloroform	67-66-3	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Chloromethane	74-87-3	10	(0.01) U	(0.010) U	(0.01) U	(0.01) U	(1.8) U	(1.8) U	(1.6) U
cis-1,2-Dichloroethene	156-59-2	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Dibromochloromethane	124-48-1	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Ethylbenzene	100-41-4	100	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(1.8) U	(1.8) U	(1.6) U
Methylene Chloride	75-09-2	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Tetrachloroethene	127-18-4	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Toluene	108-88-3	500	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Total Xylenes	1330-20-7	67	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Trichloroethylene	79-01-6	1	(0.008) U	(0.005) U	(0.007) U	(0.007) U	(0.93) U	(0.91) U	(0.85) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(1.8) U	(1.8) U	(1.6) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**USTB-SS6**	**USTB-SS2A**	**USTB-SS2A1**	**USTB-SS2B**	**USTB-SS3A**	**USTB-SS3B**	**USTB-SS4A**
		Lab ID	**92462004**	**92474006**	**92474007**	**92474008**	**92474004**	**92474005**	**92474002**
		Sample Date	**6/16/1999**	**6/17/1999**	**6/17/1999**	**6/17/1999**	**6/17/1999**	**6/17/1999**	**6/17/1999**
		Depth Interval	**17.5 - 18**	**18 - 18.5**	**18 - 18.5**	**24 - 24.5**	**18 - 18.5**	**24 - 24.5**	**18 - 18.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
1,1,2-Trichloroethane	79-00-5	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
1,1-Dichloroethane	75-34-3	10	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
1,1-Dichloroethene	75-35-4	8	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
1,2-Dichloroethane	107-06-2	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
1,2-Dichloropropane	78-87-5	10	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(1.6) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U
4-Methyl-2-Pentanone	108-10-1	50	(1.6) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U
Acetone	67-64-1	100	(1.6) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U
Benzene	71-43-2	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Bromodichloromethane	75-27-4	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Bromoform	75-25-2	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Bromomethane	74-83-9	1	**(1.6)** U	**(1.4)** U	**(1.4)** U	**(1.4)** U	**(1.4)** U	**(1.3)** U	**(1.4)** U
Carbon Disulfide	75-15-0	-	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Carbon tetrachloride	56-23-5	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Chlorobenzene	108-90-7	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Chloroethane	75-00-3	-	(1.6) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U
Chloroform	67-66-3	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Chloromethane	74-87-3	10	(1.6) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U
cis-1,2-Dichloroethene	156-59-2	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Dibromochloromethane	124-48-1	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Ethylbenzene	100-41-4	100	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(1.6) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U
Methylene Chloride	75-09-2	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Tetrachloroethene	127-18-4	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Toluene	108-88-3	500	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Total Xylenes	1330-20-7	67	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Trichloroethylene	79-01-6	1	(0.84) U	(0.7) U	(0.71) U	(0.73) U	(0.74) U	(0.69) U	(0.74) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(1.6) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**USTB-SS4B**	**USTB-SS5A**	**A10-28-A**	**A10-20-A**	**A10-29-2A**	**A10-30-A**	**A10-30-A1**
		Lab ID	**92474003**	**92474001**	**92496007**	**92496008**	**92496005**	**92496001**	**92496002**
		Sample Date	**6/17/1999**	**6/17/1999**	**6/18/1999**	**6/18/1999**	**6/18/1999**	**6/18/1999**	**6/18/1999**
		Depth Interval	**21.5 - 22**	**18.5 - 19**	**0.5 - 1**	**4 - 4.5**	**8 - 8.5**	**1 - 1.5**	**1 - 1.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
1,1,2-Trichloroethane	79-00-5	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
1,1-Dichloroethane	75-34-3	10	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
1,1-Dichloroethene	75-35-4	8	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
1,2-Dichloroethane	107-06-2	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
1,2-Dichloropropane	78-87-5	10	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR	NR	NR	NR	NR
2-Hexanone	591-78-6	-	(1.5) U	(1.7) U	(1.6) U	(1.5) U	(1.9) U	(1.3) U	(1.3) U
4-Methyl-2-Pentanone	108-10-1	50	(1.5) U	(1.7) U	(1.6) U	(1.5) U	(1.9) U	(1.3) U	(1.3) U
Acetone	67-64-1	100	(1.5) U	(1.7) U	(1.6) U	(1.5) U	(1.9) U	(1.3) U	(1.3) U
Benzene	71-43-2	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
Bromodichloromethane	75-27-4	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
Bromoform	75-25-2	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
Bromomethane	74-83-9	1	**(1.5)** U	**(1.7)** U	**(1.6)** U	**(1.5)** U	**(1.9)** U	**(1.3)** U	**(1.3)** U
Carbon Disulfide	75-15-0	-	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
Carbon tetrachloride	56-23-5	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
Chlorobenzene	108-90-7	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
Chloroethane	75-00-3	-	(1.5) U	(1.7) U	(1.6) U	(1.5) U	(1.9) U	(1.3) U	(1.3) U
Chloroform	67-66-3	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
Chloromethane	74-87-3	10	(1.5) U	(1.7) U	(1.6) U	(1.5) U	(1.9) U	(1.3) U	(1.3) U
cis-1,2-Dichloroethene	156-59-2	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
Dibromochloromethane	124-48-1	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
Ethylbenzene	100-41-4	100	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(1.5) U	(1.7) U	(1.6) U	(1.5) U	(1.9) U	(1.3) U	(1.3) U
Methylene Chloride	75-09-2	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**(1)** U	(0.69) U	(0.68) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
Tetrachloroethene	127-18-4	1	(0.78) U	(0.88) U	(0.84) U	0.96	**4.9**	**18**	**6.2**
Toluene	108-88-3	500	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
Total Xylenes	1330-20-7	67	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.78) U	(0.88) U	(0.84) U	(0.78) U	(1) U	(0.69) U	(0.68) U
Trichloroethylene	79-01-6	1	(0.78) U	(0.88) U	(0.84) U	(0.78) U	**1.4**	**2.2**	(0.68) U
Trichlorofluoromethane	75-69-4	-	NR	NR	NR	NR	NR	NR	NR
Vinyl Chloride	75-01-4	2	(1.5) U	(1.7) U	(1.6) U	(1.5) U	(1.9) U	(1.3) U	(1.3) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A10-34-A**	**A10-36-A**	**3C-3B**	**3C-5B**	**3D-5**	**3D-9**	**3D-2B**
		Lab ID	**92601001**	**92601002**	**394796**	**394799**	**394524**	**394788**	**394793**
		Sample Date	**6/26/1999**	**6/26/1999**	**12/4/2002**	**12/4/2002**	**12/3/2002**	**12/4/2002**	**12/4/2002**
		Depth Interval	**2.5 - 3**	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**	**1 - 1.5**	**1.5 - 2**	**0.5 - 1**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.62) U	(0.84) U	(0.12) U	(0.14) U	(0.11) U	(0.13) U	(0.13) U
1,1,2-Trichloroethane	79-00-5	1	(0.62) U	(0.84) U	(0.36) U	(0.44) U	(0.34) U	(0.4) U	(0.4) U
1,1-Dichloroethane	75-34-3	10	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
1,1-Dichloroethene	75-35-4	8	(0.62) U	(0.84) U	(0.24) U	(0.29) U	(0.23) U	(0.26) U	(0.27) U
1,2-Dichloroethane	107-06-2	1	(0.62) U	(0.84) U	(0.24) U	(0.29) U	(0.23) U	(0.26) U	(0.27) U
1,2-Dichloropropane	78-87-5	10	(0.62) U	(0.84) U	(0.12) U	(0.14) U	(0.11) U	(0.13) U	(0.13) U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
2-Hexanone	591-78-6	-	(1.2) U	(1.6) U	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	(1.2) U	(1.6) U	NR	NR	NR	NR	NR
Acetone	67-64-1	100	(1.2) U	(1.6) U	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.62) U	(0.84) U	(0.12) U	(0.14) U	(0.11) U	(0.13) U	(0.13) U
Bromodichloromethane	75-27-4	1	(0.62) U	(0.84) U	(0.12) U	(0.14) U	(0.11) U	(0.13) U	(0.13) U
Bromoform	75-25-2	1	(0.62) U	(0.84) U	(0.48) U	(0.58) U	(0.46) U	(0.53) U	(0.53) U
Bromomethane	74-83-9	1	**(1.2)** U	**(1.6)** U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Carbon Disulfide	75-15-0	-	(0.62) U	(0.84) U	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.62) U	(0.84) U	(0.24) U	(0.29) U	(0.23) U	(0.26) U	(0.27) U
Chlorobenzene	108-90-7	1	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Chloroethane	75-00-3	-	(1.2) U	(1.6) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Chloroform	67-66-3	1	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Chloromethane	74-87-3	10	(1.2) U	(1.6) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
cis-1,2-Dichloroethene	156-59-2	1	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Dibromochloromethane	124-48-1	1	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Ethylbenzene	100-41-4	100	(0.62) U	(0.84) U	(0.48) U	(0.58) U	(0.46) U	(0.53) U	(0.53) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	(1.2) U	(1.6) U	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.62) U	(0.84) U	(0.36) U	(0.44) U	(0.34) U	(0.4) U	(0.4) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	(0.62) U	(0.84) U	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.62) U	0.84 J	0.43	(0.14) U	(0.11) U	(0.13) U	(0.13) U
Toluene	108-88-3	500	(0.62) U	NR	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Total Xylenes	1330-20-7	67	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.62) U	(0.84) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Trichloroethylene	79-01-6	1	(0.62) U	(0.84) U	(0.12) U	(0.14) U	(0.11) U	(0.13) U	(0.13) U
Trichlorofluoromethane	75-69-4	-	NR	NR	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U
Vinyl Chloride	75-01-4	2	(1.2) U	(1.6) U	(0.61) U	(0.73) U	(0.57) U	(0.66) U	(0.67) U

NOTES:
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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3D-3B**	**3D-7B**	**3D-12B**	**3D-13B**	**3D-15B**	**3C-2_.5-1**	**3C-7_1-1.5**
		Lab ID	**394774**	**394777**	**394786**	**394783**	**394780**	**395536**	**395538**
		Sample Date	**12/4/2002**	**12/4/2002**	**12/4/2002**	**12/4/2002**	**12/4/2002**	**12/6/2002**	**12/6/2002**
		Depth Interval	**0.8 - 1**	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**	**1 - 1.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.13) U	(0.13) U	(0.13) U	(0.14) U	(0.14) U	(0.17) U	(0.16) U
1,1,2-Trichloroethane	79-00-5	1	(0.38) U	(0.38) U	(0.39) U	(0.43) U	(0.42) U	(0.52) U	(0.49) U
1,1-Dichloroethane	75-34-3	10	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
1,1-Dichloroethene	75-35-4	8	(0.26) U	(0.25) U	(0.26) U	(0.28) U	(0.28) U	(0.35) U	(0.33) U
1,2-Dichloroethane	107-06-2	1	(0.26) U	(0.25) U	(0.26) U	(0.28) U	(0.28) U	(0.35) U	(0.33) U
1,2-Dichloropropane	78-87-5	10	(0.13) U	(0.13) U	(0.13) U	(0.14) U	(0.14) U	(0.17) U	(0.16) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.13) U	(0.13) U	(0.13) U	(0.14) U	(0.14) U	(0.17) U	(0.16) U
Bromodichloromethane	75-27-4	1	(0.13) U	(0.13) U	(0.13) U	(0.14) U	(0.14) U	(0.17) U	(0.16) U
Bromoform	75-25-2	1	(0.51) U	(0.51) U	(0.52) U	(0.57) U	(0.56) U	(0.69) U	(0.66) U
Bromomethane	74-83-9	1	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.26) U	(0.25) U	(0.26) U	(0.28) U	(0.28) U	(0.35) U	(0.33) U
Chlorobenzene	108-90-7	1	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Chloroethane	75-00-3	-	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Chloroform	67-66-3	1	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Chloromethane	74-87-3	10	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
cis-1,2-Dichloroethene	156-59-2	1	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Dibromochloromethane	124-48-1	1	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Ethylbenzene	100-41-4	100	(0.51) U	(0.51) U	(0.52) U	(0.57) U	(0.56) U	(0.69) U	(0.66) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.38) U	(0.38) U	(0.39) U	(0.43) U	(0.42) U	(0.52) U	(0.49) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.13) U	(0.13) U	(0.13) U	(0.14) U	(0.14) U	(0.17) U	(0.16) U
Toluene	108-88-3	500	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Total Xylenes	1330-20-7	67	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Trichloroethylene	79-01-6	1	(0.13) U	(0.13) U	(0.13) U	(0.14) U	(0.14) U	(0.17) U	(0.16) U
Trichlorofluoromethane	75-69-4	-	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U
Vinyl Chloride	75-01-4	2	(0.64) U	(0.63) U	(0.65) U	(0.71) U	(0.7) U	(0.87) U	(0.82) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

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Volatile Organic Compounds
Main Facility Area SI/RI/RAW
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		Sample ID	**3C-9_.5-1**	**3C-11_.5-1**	**3C-13_.5-1**	**3C-15_.5-1**	**3C-17_2-2.5**	**3C-19_2-2.5**	**3C-21_0.5-1**
		Lab ID	**396003**	**395541**	**395549**	**395546**	**395553**	**395551**	**395991**
		Sample Date	**12/9/2002**	**12/6/2002**	**12/6/2002**	**12/6/2002**	**12/6/2002**	**12/6/2002**	**12/9/2002**
		Depth Interval	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**	**2 - 2.5**	**2 - 2.5**	**0.5 - 1**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.68) U	(0.7) U	(0.57) U	0.14 J	(0.72) U	(0.71) U	(0.68) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.14) U	(0.14) U	(0.11) U	(0.13) U	(0.14) U	(0.14) U	(0.14) U
1,1,2-Trichloroethane	79-00-5	1	(0.41) U	(0.42) U	(0.34) U	(0.38) U	(0.43) U	(0.43) U	(0.41) U
1,1-Dichloroethane	75-34-3	10	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
1,1-Dichloroethene	75-35-4	8	(0.27) U	(0.28) U	(0.23) U	(0.25) U	(0.29) U	(0.28) U	(0.27) U
1,2-Dichloroethane	107-06-2	1	(0.27) U	(0.28) U	(0.23) U	(0.25) U	(0.29) U	(0.28) U	(0.27) U
1,2-Dichloropropane	78-87-5	10	(0.14) U	(0.14) U	(0.11) U	(0.13) U	(0.14) U	(0.14) U	(0.14) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.14) U	(0.14) U	(0.11) U	(0.13) U	(0.14) U	(0.14) U	(0.14) U
Bromodichloromethane	75-27-4	1	(0.14) U	(0.14) U	(0.11) U	(0.13) U	(0.14) U	(0.14) U	(0.14) U
Bromoform	75-25-2	1	(0.54) U	(0.56) U	(0.45) U	(0.51) U	(0.57) U	(0.57) U	(0.54) U
Bromomethane	74-83-9	1	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.27) U	(0.28) U	(0.23) U	(0.25) U	(0.29) U	(0.28) U	(0.27) U
Chlorobenzene	108-90-7	1	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Chloroethane	75-00-3	-	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Chloroform	67-66-3	1	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Chloromethane	74-87-3	10	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
cis-1,2-Dichloroethene	156-59-2	1	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Dibromochloromethane	124-48-1	1	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Ethylbenzene	100-41-4	100	(0.54) U	(0.56) U	(0.45) U	(0.51) U	(0.57) U	(0.57) U	(0.54) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.41) U	(0.42) U	(0.34) U	(0.38) U	(0.43) U	(0.43) U	(0.41) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.14) U	(0.14) U	(0.11) U	(0.13) U	(0.14) U	(0.14) U	(0.14) U
Toluene	108-88-3	500	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Total Xylenes	1330-20-7	67	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Trichloroethylene	79-01-6	1	(0.14) U	(0.14) U	(0.11) U	(0.13) U	(0.14) U	(0.14) U	(0.14) U
Trichlorofluoromethane	75-69-4	-	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U
Vinyl Chloride	75-01-4	2	(0.68) U	(0.7) U	(0.57) U	(0.64) U	(0.72) U	(0.71) U	(0.68) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3C-23_.5-1**	**3C-25_.5-1**	**3C-27_.5-1**
		Lab ID	**395997**	**396000**	**395994**
		Sample Date	**12/9/2002**	**12/9/2002**	**12/9/2002**
		Depth Interval	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**
Analyte	**CAS-RN**	**MSSCC**			
1,1,1-Trichloroethane	71-55-6	50	(0.71) U	(0.72) U	(0.72) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.14) U	(0.14) U	(0.14) U
1,1,2-Trichloroethane	79-00-5	1	(0.43) U	(0.43) U	(0.43) U
1,1-Dichloroethane	75-34-3	10	(0.71) U	(0.72) U	(0.72) U
1,1-Dichloroethene	75-35-4	8	(0.28) U	(0.29) U	(0.29) U
1,2-Dichloroethane	107-06-2	1	(0.28) U	(0.29) U	(0.29) U
1,2-Dichloropropane	78-87-5	10	(0.14) U	(0.14) U	(0.14) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.71) U	(0.72) U	(0.72) U
2-Hexanone	591-78-6	-	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR
Benzene	71-43-2	1	(0.14) U	(0.14) U	(0.14) U
Bromodichloromethane	75-27-4	1	(0.14) U	(0.14) U	(0.14) U
Bromoform	75-25-2	1	(0.57) U	(0.58) U	(0.58) U
Bromomethane	74-83-9	1	(0.71) U	(0.72) U	(0.72) U
Carbon Disulfide	75-15-0	-	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.28) U	(0.29) U	(0.29) U
Chlorobenzene	108-90-7	1	(0.71) U	(0.72) U	(0.72) U
Chloroethane	75-00-3	-	(0.71) U	(0.72) U	(0.72) U
Chloroform	67-66-3	1	(0.71) U	(0.72) U	(0.72) U
Chloromethane	74-87-3	10	(0.71) U	(0.72) U	(0.72) U
cis-1,2-Dichloroethene	156-59-2	1	(0.71) U	(0.72) U	(0.72) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.71) U	(0.72) U	(0.72) U
Dibromochloromethane	124-48-1	1	(0.71) U	(0.72) U	(0.72) U
Ethylbenzene	100-41-4	100	(0.57) U	(0.58) U	(0.58) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.43) U	(0.43) U	(0.43) U
Propyl benzene	103-65-1	-	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.14) U	(0.14) U	(0.14) U
Toluene	108-88-3	500	(0.71) U	(0.72) U	(0.72) U
Total Xylenes	1330-20-7	67	(0.71) U	(0.72) U	(0.72) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.71) U	(0.72) U	(0.72) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.71) U	(0.72) U	(0.72) U
Trichloroethylene	79-01-6	1	(0.14) U	(0.14) U	(0.14) U
Trichlorofluoromethane	75-69-4	-	(0.71) U	(0.72) U	(0.72) U
Vinyl Chloride	75-01-4	2	(0.71) U	(0.72) U	(0.72) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-31 (4.0-4.5)	16-32 (2.0-2.5)	16-16 (2.0-2.5)	16-17 (2.0-2.5)	16-18 (2.0-2.5)	16-10 (2.0-2.5)	16-19 (4.0-4.5)
		Lab ID	229993-002	229993-001	229993-005	229993-006	229993-003	229993-012	229993-008
		Sample Date	10/27/2003	10/27/2003	10/27/2003	10/27/2003	10/27/2003	10/28/2003	10/28/2003
		Depth Interval	4 - 4.5	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	4 - 4.5
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
1,1,2-Trichloroethane	79-00-5	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
1,1-Dichloroethane	75-34-3	10	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
1,1-Dichloroethene	75-35-4	8	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
1,2-Dichloroethane	107-06-2	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
1,2-Dichloropropane	78-87-5	10	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Bromodichloromethane	75-27-4	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Bromoform	75-25-2	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Bromomethane	74-83-9	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Chlorobenzene	108-90-7	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Chloroethane	75-00-3	-	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Chloroform	67-66-3	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Chloromethane	74-87-3	10	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
cis-1,2-Dichloroethene	156-59-2	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Dibromochloromethane	124-48-1	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Ethylbenzene	100-41-4	100	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Toluene	108-88-3	500	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Total Xylenes	1330-20-7	67	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Trichloroethylene	79-01-6	1	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Trichlorofluoromethane	75-69-4	-	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U
Vinyl Chloride	75-01-4	2	(0.14) U	(0.18) U	(0.14) U	(0.14) U	(0.16) U	(0.15) U	(0.13) U

NOTES:
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TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-21 (4.0-4.5)	16-22 (4.0-4.5)	16-23 (6.0-6.5)	16-27 (2.0-2.5)	16-12P (2.0-2.5)	16-12 (2.0-2.5)	16-13 (4.0-4.5)
		Lab ID	229993-009	229993-010	229993-011	229993-013	230055-004	230055-003	230055-005
		Sample Date	10/28/2003	10/28/2003	10/28/2003	10/28/2003	10/29/2003	10/29/2003	10/29/2003
		Depth Interval	4 - 4.5	4 - 4.5	6 - 6.5	2 - 2.5	2 - 2.5	2 - 2.5	4 - 4.5
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
1,1,2-Trichloroethane	79-00-5	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
1,1-Dichloroethane	75-34-3	10	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
1,1-Dichloroethene	75-35-4	8	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
1,2-Dichloroethane	107-06-2	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
1,2-Dichloropropane	78-87-5	10	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Bromodichloromethane	75-27-4	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Bromoform	75-25-2	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Bromomethane	74-83-9	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Chlorobenzene	108-90-7	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Chloroethane	75-00-3	-	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Chloroform	67-66-3	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Chloromethane	74-87-3	10	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
cis-1,2-Dichloroethene	156-59-2	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Dibromochloromethane	124-48-1	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Ethylbenzene	100-41-4	100	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Toluene	108-88-3	500	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Total Xylenes	1330-20-7	67	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Trichloroethylene	79-01-6	1	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Trichlorofluoromethane	75-69-4	-	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U
Vinyl Chloride	75-01-4	2	(0.13) U	(0.13) U	(0.17) U	(0.15) U	(0.15) U	(0.15) U	(0.15) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-15 (2.0-2.5)	16-14 (2.0-2.5)	16-20 (2.0-2.5)	16-26 (2.0-2.5)	16-4 (2.0-2.5)	16-5 (2.0-2.5)	16-5 (2.0-2.5)
		Lab ID	230055-007	230055-006	230055-002	230055-001	230110-007	230110-006	230110-006RA
		Sample Date	10/29/2003	10/29/2003	10/29/2003	10/29/2003	10/30/2003	10/30/2003	10/30/2003
		Depth Interval	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
1,1,2-Trichloroethane	79-00-5	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
1,1-Dichloroethane	75-34-3	10	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
1,1-Dichloroethene	75-35-4	8	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
1,2-Dichloroethane	107-06-2	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
1,2-Dichloropropane	78-87-5	10	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Bromodichloromethane	75-27-4	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Bromoform	75-25-2	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Bromomethane	74-83-9	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Chlorobenzene	108-90-7	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Chloroethane	75-00-3	-	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Chloroform	67-66-3	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Chloromethane	74-87-3	10	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
cis-1,2-Dichloroethene	156-59-2	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Dibromochloromethane	124-48-1	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Ethylbenzene	100-41-4	100	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Toluene	108-88-3	500	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Total Xylenes	1330-20-7	67	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Trichloroethylene	79-01-6	1	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Trichlorofluoromethane	75-69-4	-	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U
Vinyl Chloride	75-01-4	2	(0.14) U	(0.13) U	(0.16) U	(0.15) U	(0.13) U	(0.13) U	(0.13) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-6 (2.0-2.5)**	**16-7 (2.0-2.5)**	**16-28 (2.0-2.5)**	**16-30 (2.0-2.5)**	**16-1 (2.0-2.5)**	**16-2 (2.0-2.5)**	**16-3 (2.0-2.5)**
		Lab ID	**230110-005**	**230110-004**	**230110-003**	**230110-001**	**230156-005**	**230156-004**	**230156-002**
		Sample Date	**10/30/2003**	**10/30/2003**	**10/30/2003**	**10/30/2003**	**10/31/2003**	**10/31/2003**	**10/31/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
1,1,2-Trichloroethane	79-00-5	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
1,1-Dichloroethane	75-34-3	10	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
1,1-Dichloroethene	75-35-4	8	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
1,2-Dichloroethane	107-06-2	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
1,2-Dichloropropane	78-87-5	10	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Bromodichloromethane	75-27-4	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Bromoform	75-25-2	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Bromomethane	74-83-9	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Chlorobenzene	108-90-7	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Chloroethane	75-00-3	-	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Chloroform	67-66-3	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Chloromethane	74-87-3	10	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
cis-1,2-Dichloroethene	156-59-2	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Dibromochloromethane	124-48-1	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Ethylbenzene	100-41-4	100	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Toluene	108-88-3	500	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Total Xylenes	1330-20-7	67	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Trichloroethylene	79-01-6	1	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Trichlorofluoromethane	75-69-4	-	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U
Vinyl Chloride	75-01-4	2	(0.19) U	(0.14) U	(0.15) U	(0.13) U	(0.13) U	(0.12) U	(0.13) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-8 (2.0-2.5)	16-9 (2.0-2.5)	16-29 (3.0-3.5)	B-16-1 (12.5-13.0)	B-16-2 (12.5-13.0)	B-16-3 (26.5-27.0)	B-16-4 (26.5-27.0)
		Lab ID	230156-006	230156-007	230156-001	230210-001	230210-002	230210-003	230210-004
		Sample Date	10/31/2003	10/31/2003	10/31/2003	11/3/2003	11/3/2003	11/3/2003	11/3/2003
		Depth Interval	2 - 2.5	2 - 2.5	3 - 3.5	12.5 - 13	12.5 - 13	26.5 - 27	26.5 - 27
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	4.8	4.9
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
1,1,2-Trichloroethane	79-00-5	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
1,1-Dichloroethane	75-34-3	10	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	0.57	0.6
1,1-Dichloroethene	75-35-4	8	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
1,2-Dichloroethane	107-06-2	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
1,2-Dichloropropane	78-87-5	10	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Bromodichloromethane	75-27-4	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Bromoform	75-25-2	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Bromomethane	74-83-9	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Chlorobenzene	108-90-7	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Chloroethane	75-00-3	-	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Chloroform	67-66-3	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Chloromethane	74-87-3	10	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
cis-1,2-Dichloroethene	156-59-2	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Dibromochloromethane	124-48-1	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Ethylbenzene	100-41-4	100	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	0.6	0.58
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.14) U	(0.13) U	(0.15) U	0.99	0.2	(0.15) U	(0.15) U
Toluene	108-88-3	500	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	0.44	0.44
Total Xylenes	1330-20-7	67	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	0.88	0.85
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Trichloroethylene	79-01-6	1	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Trichlorofluoromethane	75-69-4	-	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U
Vinyl Chloride	75-01-4	2	(0.14) U	(0.13) U	(0.15) U	(0.13) U	(0.12) U	(0.15) U	(0.15) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-24 (2.0-2.5)	16-25 (2.0-2.5)	16-25P (2.0-2.5)	AOC-39-1B (6.5-7.0)	AOC-39-1C (11.5-12.0)	AOC-39-2 (2.5-3.0)	AOC-39-3A (2.5-3.0)
		Lab ID	230207-001	230207-002	230207-003	230327-002	230327-003	230327-004	230327-005
		Sample Date	11/3/2003	11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003	11/5/2003
		Depth Interval	2 - 2.5	2 - 2.5	2 - 2.5	6.5 - 7	11.5 - 12	2.5 - 3	2.5 - 3
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
1,1,2-Trichloroethane	79-00-5	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
1,1-Dichloroethane	75-34-3	10	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
1,1-Dichloroethene	75-35-4	8	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
1,2-Dichloroethane	107-06-2	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
1,2-Dichloropropane	78-87-5	10	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Bromodichloromethane	75-27-4	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Bromoform	75-25-2	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Bromomethane	74-83-9	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Chlorobenzene	108-90-7	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Chloroethane	75-00-3	-	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Chloroform	67-66-3	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Chloromethane	74-87-3	10	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
cis-1,2-Dichloroethene	156-59-2	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Dibromochloromethane	124-48-1	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Ethylbenzene	100-41-4	100	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Toluene	108-88-3	500	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Total Xylenes	1330-20-7	67	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Trichloroethylene	79-01-6	1	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Trichlorofluoromethane	75-69-4	-	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U
Vinyl Chloride	75-01-4	2	(0.14) U	(0.17) U	(0.18) U	(0.12) U	(0.15) U	(0.14) U	(0.17) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-39-4 (2.5-3.0)	AOC-39-5 (2.5-3.0)	AOC-39-6 (2.5-3.0)	AOC-39-1A (3.5-4.0)	AOC-19-3A (2.0-2.5)	A3E-1 (12.5-13.0)	A3E-13 (11.5-12.0)
		Lab ID	230327-006	230327-008	230327-007	230327-001	230446-003	231251-002	231251-004
		Sample Date	11/5/2003	11/5/2003	11/5/2003	11/5/2003	11/10/2003	12/3/2003	12/3/2003
		Depth Interval	2.5 - 3	2.5 - 3	2.5 - 3	3.5 - 4	2 - 2.5	12.5 - 13	11.5 - 12
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
1,1,2-Trichloroethane	79-00-5	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
1,1-Dichloroethane	75-34-3	10	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
1,1-Dichloroethene	75-35-4	8	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
1,2-Dichloroethane	107-06-2	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
1,2-Dichloropropane	78-87-5	10	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Bromodichloromethane	75-27-4	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Bromoform	75-25-2	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Bromomethane	74-83-9	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Chlorobenzene	108-90-7	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Chloroethane	75-00-3	-	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Chloroform	67-66-3	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Chloromethane	74-87-3	10	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
cis-1,2-Dichloroethene	156-59-2	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Dibromochloromethane	124-48-1	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Ethylbenzene	100-41-4	100	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	(0.13) U	(0.13) U	(0.12) U
Toluene	108-88-3	500	(0.17) U	0.23	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Total Xylenes	1330-20-7	67	(0.17) U	0.47	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Trichloroethylene	79-01-6	1	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Trichlorofluoromethane	75-69-4	-	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U
Vinyl Chloride	75-01-4	2	(0.17) U	(0.15) U	(0.16) U	(0.19) U	NR	(0.13) U	(0.12) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B16-7 (5.0-5.5)	B16-7 (12.5-13.0)	B16-7 (19.0-19.5)	B16-8 (5.0-5.5)	B16-8 (12.5-13.0)	B16-8 (17.5-18.0)	B16-9 (5.0-5.5)
		Lab ID	231287-005	231287-006	231287-007	231287-010	231287-011	231287-012	231287-013
		Sample Date	12/4/2003	12/4/2003	12/4/2003	12/4/2003	12/4/2003	12/4/2003	12/4/2003
		Depth Interval	5 - 5.5	12.5 - 13	19 - 19.5	5 - 5.5	12.5 - 13	17.5 - 18	5 - 5.5
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
1,1,2-Trichloroethane	79-00-5	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
1,1-Dichloroethane	75-34-3	10	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
1,1-Dichloroethene	75-35-4	8	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
1,2-Dichloroethane	107-06-2	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
1,2-Dichloropropane	78-87-5	10	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Bromodichloromethane	75-27-4	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Bromoform	75-25-2	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Bromomethane	74-83-9	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Chlorobenzene	108-90-7	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Chloroethane	75-00-3	-	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Chloroform	67-66-3	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Chloromethane	74-87-3	10	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
cis-1,2-Dichloroethene	156-59-2	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Dibromochloromethane	124-48-1	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Ethylbenzene	100-41-4	100	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Toluene	108-88-3	500	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Total Xylenes	1330-20-7	67	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Trichloroethylene	79-01-6	1	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Trichlorofluoromethane	75-69-4	-	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U
Vinyl Chloride	75-01-4	2	(0.12) U	(0.13) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B16-9 (12.5-13.0)	B16-9 (18.5-19.0)	A3E-3 (1.5-2.0)	A3E-5 (2.0-2.5)	A3E-11 (1.5-2.0)	B16-1A (5.0-5.5)	B16-1A (26.5-27.0)
		Lab ID	231287-014	231287-015	231288-002	231288-003	231288-001	231287-001	231287-002
		Sample Date	12/4/2003	12/4/2003	12/4/2003	12/4/2003	12/4/2003	12/4/2003	12/4/2003
		Depth Interval	12.5 - 13	18.5 - 19	1.5 - 2	2 - 2.5	1.5 - 2	5 - 5.5	26.5 - 27
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
1,1,2-Trichloroethane	79-00-5	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
1,1-Dichloroethane	75-34-3	10	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
1,1-Dichloroethene	75-35-4	8	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
1,2-Dichloroethane	107-06-2	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
1,2-Dichloropropane	78-87-5	10	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Bromodichloromethane	75-27-4	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Bromoform	75-25-2	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Bromomethane	74-83-9	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Chlorobenzene	108-90-7	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Chloroethane	75-00-3	-	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Chloroform	67-66-3	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Chloromethane	74-87-3	10	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
cis-1,2-Dichloroethene	156-59-2	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Dibromochloromethane	124-48-1	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Ethylbenzene	100-41-4	100	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	**4.1**
Toluene	108-88-3	500	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Total Xylenes	1330-20-7	67	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Trichloroethylene	79-01-6	1	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Trichlorofluoromethane	75-69-4	-	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U
Vinyl Chloride	75-01-4	2	(0.12) U	(0.14) U	(0.14) U	(0.17) U	(0.12) U	(0.13) U	(0.13) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B16-2A (5.0-5.5)**	**B16-2A (18.5-19.0)**	**OWS-1P (7.0-7.5)**	**OWS-1 (7.0-7.5)**
		Lab ID	**231287-003**	**231287-004**	**231411-002**	**231411-001**
		Sample Date	**12/4/2003**	**12/4/2003**	**12/9/2003**	**12/9/2003**
		Depth Interval	**5 - 5.5**	**18.5 - 19**	**7 - 7.5**	**7 - 7.5**
Analyte	**CAS-RN**	**MSSCC**				
1,1,1-Trichloroethane	71-55-6	50	(0.12) U	(0.13) U	(0.17) U	(0.14) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
1,1,2-Trichloroethane	79-00-5	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
1,1-Dichloroethane	75-34-3	10	(0.12) U	(0.13) U	(0.17) U	(0.14) U
1,1-Dichloroethene	75-35-4	8	(0.12) U	(0.13) U	(0.17) U	(0.14) U
1,2-Dichloroethane	107-06-2	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
1,2-Dichloropropane	78-87-5	10	(0.12) U	(0.13) U	(0.17) U	(0.14) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.12) U	(0.13) U	(0.17) U	(0.14) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR
Benzene	71-43-2	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Bromodichloromethane	75-27-4	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Bromoform	75-25-2	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Bromomethane	74-83-9	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Chlorobenzene	108-90-7	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Chloroethane	75-00-3	-	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Chloroform	67-66-3	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Chloromethane	74-87-3	10	(0.12) U	(0.13) U	(0.17) U	(0.14) U
cis-1,2-Dichloroethene	156-59-2	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Dibromochloromethane	124-48-1	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Ethylbenzene	100-41-4	100	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.12) U	0.26	(0.17) U	(0.14) U
Toluene	108-88-3	500	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Total Xylenes	1330-20-7	67	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Trans-1,3-Dichloropropene	10061-02-6	-	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Trichloroethylene	79-01-6	1	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Trichlorofluoromethane	75-69-4	-	(0.12) U	(0.13) U	(0.17) U	(0.14) U
Vinyl Chloride	75-01-4	2	(0.12) U	(0.13) U	(0.17) U	(0.14) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B16-10-26.5-27	A1-19-N1 (4.0-4.5)	A1-19-N1 (7.0-7.5)	OWS-2 (7.0-7.5)	OWS-2P (7.0-7.5)	OWS-3 (7-7.5)	OWS-4 (7-7.5)
		Lab ID	496744	498986	498987	498942	498943	498936	498939
		Sample Date	1/26/2004	2/4/2004	2/4/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004
		Depth Interval	26.5 - 27	4 - 4.5	7 - 7.5	7 - 7.5	7 - 7.5	7 - 7.5	7 - 7.5
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	0.0005 J	(0.0074) U	(0.0065) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.001) U	(0.12) U	(0.1) U	(0.0014) U	(0.0013) U	(0.0015) U	(0.0013) U
1,1,2-Trichloroethane	79-00-5	1	(0.003) U	(0.37) U	(0.32) U	(0.0044) U	(0.0039) U	(0.0044) U	(0.0039) U
1,1-Dichloroethane	75-34-3	10	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
1,1-Dichloroethene	75-35-4	8	(0.002) U	(0.24) U	(0.21) U	(0.0029) U	(0.0026) U	(0.0029) U	(0.0026) U
1,2-Dichloroethane	107-06-2	1	(0.002) U	(0.24) U	(0.21) U	(0.0029) U	(0.0026) U	(0.0029) U	(0.0026) U
1,2-Dichloropropane	78-87-5	10	(0.001) U	(0.12) U	(0.1) U	(0.0014) U	(0.0013) U	(0.0015) U	(0.0013) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.001) U	(0.12) U	(0.1) U	(0.0014) U	(0.0013) U	(0.0015) U	(0.0013) U
Bromodichloromethane	75-27-4	1	(0.001) U	(0.12) U	(0.1) U	(0.0014) U	(0.0013) U	(0.0015) U	(0.0013) U
Bromoform	75-25-2	1	(0.004) U	(0.49) U	(0.42) U	(0.0058) U	(0.0051) U	(0.0059) U	(0.0052) U
Bromomethane	74-83-9	1	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.002) U	(0.24) U	(0.21) U	(0.0029) U	(0.0026) U	(0.0029) U	(0.0026) U
Chlorobenzene	108-90-7	1	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
Chloroethane	75-00-3	-	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
Chloroform	67-66-3	1	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
Chloromethane	74-87-3	10	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
cis-1,2-Dichloroethene	156-59-2	1	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
Dibromochloromethane	124-48-1	1	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
Ethylbenzene	100-41-4	100	(0.004) U	(0.49) U	(0.42) U	(0.0058) U	(0.0051) U	(0.0059) U	0.0004 J
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.003) U	(0.37) U	(0.32) U	0.01 B	(0.0039) U	(0.0044) U	(0.0039) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.001) U	(0.12) U	(0.1) U	0.0028	0.0027 J	0.0006 J	0.0006 J
Toluene	108-88-3	500	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	0.0009 J	(0.0065) U
Total Xylenes	1330-20-7	67	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	0.0012 J
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
Trichloroethylene	79-01-6	1	(0.001) U	(0.12) U	(0.1) U	(0.0014) U	(0.0013) U	(0.0015) U	(0.0013) U
Trichlorofluoromethane	75-69-4	-	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U
Vinyl Chloride	75-01-4	2	(0.0051) U	(0.61) U	(0.53) U	(0.0073) U	(0.0064) U	(0.0074) U	(0.0065) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B0102.0**	**B0500.5**	**B0700.5**	**B0902.0**	**B1502.0**	**B1502.D**	**B0602.0**
		Lab ID	**602734**	**602740**	**602736**	**602735**	**602737**	**602738**	**602933**
		Sample Date	**1/25/2005**	**1/25/2005**	**1/25/2005**	**1/25/2005**	**1/25/2005**	**1/25/2005**	**1/26/2005**
		Depth Interval	**2 - 2.5**	**0.5 - 1**	**0.5 - 1**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
1,1,2-Trichloroethane	79-00-5	1	(0.28) U	(0.29) U	(0.31) U	(0.32) U	(0.30) U	(0.30) U	(0.33) U
1,1-Dichloroethane	75-34-3	10	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
1,1-Dichloroethene	75-35-4	8	(0.18) U	(0.19) U	(0.21) U	(0.21) U	(0.20) U	(0.20) U	(0.22) U
1,2-Dichloroethane	107-06-2	1	(0.18) U	(0.19) U	(0.21) U	(0.21) U	(0.20) U	(0.20) U	(0.22) U
1,2-Dichloropropane	78-87-5	10	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
Bromodichloromethane	75-27-4	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
Bromoform	75-25-2	1	(0.37) U	(0.38) U	(0.42) U	(0.42) U	(0.40) U	(0.40) U	(0.44) U
Bromomethane	74-83-9	1	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.18) U	(0.19) U	(0.21) U	(0.21) U	(0.20) U	(0.20) U	(0.22) U
Chlorobenzene	108-90-7	1	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Chloroethane	75-00-3	-	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Chloroform	67-66-3	1	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Chloromethane	74-87-3	10	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
cis-1,2-Dichloroethene	156-59-2	1	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Dibromochloromethane	124-48-1	1	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Ethylbenzene	100-41-4	100	(0.37) U	(0.38) U	(0.42) U	(0.42) U	(0.40) U	(0.40) U	(0.44) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.28) U	(0.29) U	(0.31) U	(0.32) U	(0.30) U	(0.30) U	(0.33) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
Toluene	108-88-3	500	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Total Xylenes	1330-20-7	67	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Trichloroethylene	79-01-6	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
Trichlorofluoromethane	75-69-4	-	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U
Vinyl Chloride	75-01-4	2	(0.46) U	(0.48) U	(0.52) U	(0.53) U	(0.50) U	(0.49) U	(0.54) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B0800.5**	**B1000.5**	**B1200.5**	**B1402.0**	**B1602.0**	**B2104.0**	**B2104.D**
		Lab ID	**602932**	**602931**	**602930**	**602928**	**602929**	**602934**	**602935**
		Sample Date	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**
		Depth Interval	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**	**2 - 2.5**	**2 - 2.5**	**4 - 4.5**	**4 - 4.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U
1,1,2-Trichloroethane	79-00-5	1	(0.30) U	(0.33) U	(0.30) U	(0.29) U	(0.32) U	(0.31) U	(0.31) U
1,1-Dichloroethane	75-34-3	10	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
1,1-Dichloroethene	75-35-4	8	(0.20) U	(0.22) U	(0.20) U	(0.20) U	(0.22) U	(0.21) U	(0.20) U
1,2-Dichloroethane	107-06-2	1	(0.20) U	(0.22) U	(0.20) U	(0.20) U	(0.22) U	(0.21) U	(0.20) U
1,2-Dichloropropane	78-87-5	10	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U
Bromodichloromethane	75-27-4	1	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U
Bromoform	75-25-2	1	(0.39) U	(0.43) U	(0.41) U	(0.39) U	(0.43) U	(0.42) U	(0.41) U
Bromomethane	74-83-9	1	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.20) U	(0.22) U	(0.20) U	(0.20) U	(0.22) U	(0.21) U	(0.20) U
Chlorobenzene	108-90-7	1	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Chloroethane	75-00-3	-	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Chloroform	67-66-3	1	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Chloromethane	74-87-3	10	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
cis-1,2-Dichloroethene	156-59-2	1	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Dibromochloromethane	124-48-1	1	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Ethylbenzene	100-41-4	100	(0.39) U	(0.43) U	(0.41) U	(0.39) U	(0.43) U	(0.42) U	(0.41) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.30) U	(0.33) U	(0.30) U	(0.29) U	(0.32) U	(0.31) U	(0.31) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U
Toluene	108-88-3	500	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Total Xylenes	1330-20-7	67	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Trichloroethylene	79-01-6	1	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U
Trichlorofluoromethane	75-69-4	-	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U
Vinyl Chloride	75-01-4	2	(0.49) U	(0.54) U	(0.51) U	(0.49) U	(0.54) U	(0.52) U	(0.51) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B0201.0**	**B1308.5**	**B1702.0**	**B0301.0**	**B0401.0**	**B1101.0**	**B1800.5**
		Lab ID	**603133**	**603131**	**603132**	**604244**	**604245**	**604246**	**604247**
		Sample Date	**1/27/2005**	**1/27/2005**	**1/27/2005**	**2/2/2005**	**2/2/2005**	**2/2/2005**	**2/2/2005**
		Depth Interval	**1 - 1.5**	**8.5 - 9**	**2 - 2.5**	**1 - 1.5**	**1 - 1.5**	**1 - 1.5**	**0.5 - 1**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.12) U	(0.15) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U
1,1,2-Trichloroethane	79-00-5	1	(0.37) U	(0.45) U	(0.32) U	(0.32) U	(0.36) U	(0.29) U	(0.31) U
1,1-Dichloroethane	75-34-3	10	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
1,1-Dichloroethene	75-35-4	8	(0.24) U	(0.30) U	(0.21) U	(0.21) U	(0.24) U	(0.19) U	(0.20) U
1,2-Dichloroethane	107-06-2	1	(0.24) U	(0.30) U	(0.21) U	(0.21) U	(0.24) U	(0.19) U	(0.20) U
1,2-Dichloropropane	78-87-5	10	(0.12) U	(0.15) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.12) U	(0.15) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U
Bromodichloromethane	75-27-4	1	(0.12) U	(0.15) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U
Bromoform	75-25-2	1	(0.49) U	(0.60) U	(0.42) U	(0.42) U	(0.48) U	(0.39) U	(0.41) U
Bromomethane	74-83-9	1	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.24) U	(0.30) U	(0.21) U	(0.21) U	(0.24) U	(0.19) U	(0.20) U
Chlorobenzene	108-90-7	1	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
Chloroethane	75-00-3	-	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
Chloroform	67-66-3	1	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
Chloromethane	74-87-3	10	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
cis-1,2-Dichloroethene	156-59-2	1	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
Dibromochloromethane	124-48-1	1	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
Ethylbenzene	100-41-4	100	(0.49) U	(0.60) U	(0.42) U	(0.42) U	0.05 J	(0.39) U	(0.41) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.37) U	(0.45) U	(0.32) U	(0.32) U	(0.36) U	(0.29) U	(0.31) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.12) U	(0.15) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U
Toluene	108-88-3	500	(0.61) U	(0.75) U	(0.53) U	0.24 J	0.37 J	0.18 J	0.19 J
Total Xylenes	1330-20-7	67	(0.61) U	(0.75) U	(0.53) U	(0.53) U	0.24 J	(0.49) U	(0.51) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
Trichloroethylene	79-01-6	1	(0.12) U	(0.15) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U
Trichlorofluoromethane	75-69-4	-	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U
Vinyl Chloride	75-01-4	2	(0.61) U	(0.75) U	(0.53) U	(0.53) U	(0.60) U	(0.49) U	(0.51) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B2001.0**	**D0103.5**	**U0102.5**	**U0119.5**	**X0102.0**	**X0109.5**	**X0202.0**
		Lab ID	**604248**	**604249**	**627423**	**627424**	**627409**	**627410**	**627411**
		Sample Date	**2/2/2005**	**2/2/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**
		Depth Interval	**1 - 1.5**	**3.5 - 4**	**2.5 - 3**	**19.5 - 20**	**2 - 2.5**	**9.5 - 10**	**2 - 2.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.14) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.12) U	(0.11) U
1,1,2-Trichloroethane	79-00-5	1	(0.40) U	(0.30) U	(0.30) U	(0.33) U	(0.31) U	(0.36) U	(0.32) U
1,1-Dichloroethane	75-34-3	10	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
1,1-Dichloroethene	75-35-4	8	(0.27) U	(0.20) U	(0.20) U	(0.22) U	(0.20) U	(0.24) U	(0.22) U
1,2-Dichloroethane	107-06-2	1	(0.27) U	(0.20) U	(0.20) U	(0.22) U	(0.20) U	(0.24) U	(0.22) U
1,2-Dichloropropane	78-87-5	10	(0.14) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.12) U	(0.11) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.14) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.12) U	(0.11) U
Bromodichloromethane	75-27-4	1	(0.14) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.12) U	(0.11) U
Bromoform	75-25-2	1	(0.54) U	(0.40) U	(0.39) U	(0.44) U	(0.41) U	(0.48) U	(0.43) U
Bromomethane	74-83-9	1	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.27) U	(0.20) U	(0.20) U	(0.22) U	(0.20) U	(0.24) U	(0.22) U
Chlorobenzene	108-90-7	1	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Chloroethane	75-00-3	-	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Chloroform	67-66-3	1	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Chloromethane	74-87-3	10	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
cis-1,2-Dichloroethene	156-59-2	1	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Dibromochloromethane	124-48-1	1	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Ethylbenzene	100-41-4	100	(0.54) U	(0.40) U	(0.39) U	(0.44) U	(0.41) U	(0.48) U	(0.43) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.40) U	(0.30) U	(0.30) U	(0.33) U	(0.31) U	(0.36) U	(0.32) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.14) U	(0.10) U	0.08 J	(0.11) U	(0.10) U	(0.12) U	(0.11) U
Toluene	108-88-3	500	0.31 J	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Total Xylenes	1330-20-7	67	0.17 J	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Trichloroethylene	79-01-6	1	(0.14) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.12) U	(0.11) U
Trichlorofluoromethane	75-69-4	-	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U
Vinyl Chloride	75-01-4	2	(0.68) U	(0.51) U	(0.49) U	(0.55) U	(0.51) U	(0.60) U	(0.54) U

NOTES:
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† - Indicates missing depth data for historical samples.
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J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**X0208.0**	**X0302.0**	**X0304.0**	**X0402.5**	**X0407.5**	**X0502.0**	**X0512.0**
		Lab ID	**627412**	**627413**	**627414**	**627415**	**627416**	**627417**	**627418**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**
		Depth Interval	**8 - 8.5**	**2 - 2.5**	**4 - 4.5**	**2.5 - 3**	**7.5 - 8**	**2 - 2.5**	**12 - 12.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.12) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.11) U	(0.11) U
1,1,2-Trichloroethane	79-00-5	1	(0.36) U	(0.32) U	(0.31) U	(0.30) U	(0.34) U	(0.32) U	(0.33) U
1,1-Dichloroethane	75-34-3	10	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
1,1-Dichloroethene	75-35-4	8	(0.24) U	(0.22) U	(0.20) U	(0.20) U	(0.23) U	(0.22) U	(0.22) U
1,2-Dichloroethane	107-06-2	1	(0.24) U	(0.22) U	(0.20) U	(0.20) U	(0.23) U	(0.22) U	(0.22) U
1,2-Dichloropropane	78-87-5	10	(0.12) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.11) U	(0.11) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.12) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.11) U	(0.11) U
Bromodichloromethane	75-27-4	1	(0.12) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.11) U	(0.11) U
Bromoform	75-25-2	1	(0.48) U	(0.43) U	(0.41) U	(0.40) U	(0.46) U	(0.43) U	(0.44) U
Bromomethane	74-83-9	1	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.24) U	(0.22) U	(0.20) U	(0.20) U	(0.23) U	(0.22) U	(0.22) U
Chlorobenzene	108-90-7	1	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Chloroethane	75-00-3	-	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Chloroform	67-66-3	1	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Chloromethane	74-87-3	10	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
cis-1,2-Dichloroethene	156-59-2	1	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Dibromochloromethane	124-48-1	1	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Ethylbenzene	100-41-4	100	(0.48) U	(0.43) U	(0.41) U	(0.40) U	(0.46) U	(0.43) U	(0.44) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.36) U	(0.32) U	(0.31) U	(0.30) U	(0.34) U	(0.32) U	(0.33) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.12) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.11) U	(0.11) U
Toluene	108-88-3	500	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Total Xylenes	1330-20-7	67	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Trichloroethylene	79-01-6	1	(0.12) U	(0.11) U	(0.10) U	(0.10) U	(0.11) U	(0.11) U	(0.11) U
Trichlorofluoromethane	75-69-4	-	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U
Vinyl Chloride	75-01-4	2	(0.60) U	(0.54) U	(0.51) U	(0.50) U	(0.57) U	(0.54) U	(0.55) U

NOTES:
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CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**X0602.5**	**X0611.5**	**X0702.0**	**X0707.5**	**U0203.0**	**U0210.0**	**U0404.5**
		Lab ID	**627419**	**627420**	**627421**	**627422**	**627670**	**627671**	**627672**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**
		Depth Interval	**2.5 - 3**	**11.5 - 12**	**2 - 2.5**	**7.5 - 8**	**3 - 3.5**	**10 - 10.5**	**4.5 - 5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.10) U	(0.10) U	(0.10) U	(0.13) U	(0.10) U	(0.13) U	(0.11) U
1,1,2-Trichloroethane	79-00-5	1	(0.30) U	(0.31) U	(0.30) U	(0.39) U	(0.29) U	(0.39) U	(0.33) U
1,1-Dichloroethane	75-34-3	10	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
1,1-Dichloroethene	75-35-4	8	(0.20) U	(0.21) U	(0.20) U	(0.26) U	(0.19) U	(0.26) U	(0.22) U
1,2-Dichloroethane	107-06-2	1	(0.20) U	(0.21) U	(0.20) U	(0.26) U	(0.19) U	(0.26) U	(0.22) U
1,2-Dichloropropane	78-87-5	10	(0.10) U	(0.10) U	(0.10) U	(0.13) U	(0.10) U	(0.13) U	(0.11) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.10) U	(0.10) U	(0.10) U	(0.13) U	(0.10) U	(0.13) U	(0.11) U
Bromodichloromethane	75-27-4	1	(0.10) U	(0.10) U	(0.10) U	(0.13) U	(0.10) U	(0.13) U	(0.11) U
Bromoform	75-25-2	1	(0.40) U	(0.41) U	(0.39) U	(0.52) U	(0.38) U	(0.52) U	(0.45) U
Bromomethane	74-83-9	1	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.20) U	(0.21) U	(0.20) U	(0.26) U	(0.19) U	(0.26) U	(0.22) U
Chlorobenzene	108-90-7	1	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Chloroethane	75-00-3	-	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Chloroform	67-66-3	1	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Chloromethane	74-87-3	10	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
cis-1,2-Dichloroethene	156-59-2	1	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Dibromochloromethane	124-48-1	1	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Ethylbenzene	100-41-4	100	(0.40) U	(0.41) U	(0.39) U	(0.52) U	(0.38) U	(0.52) U	(0.45) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.30) U	(0.31) U	(0.30) U	(0.39) U	(0.29) U	(0.39) U	(0.33) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.10) U	(0.10) U	(0.10) U	(0.13) U	(0.10) U	(0.13) U	(0.11) U
Toluene	108-88-3	500	(0.51) U	(0.52) U	0.06 J	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Total Xylenes	1330-20-7	67	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Trichloroethylene	79-01-6	1	(0.10) U	(0.10) U	(0.10) U	(0.13) U	(0.10) U	(0.13) U	(0.11) U
Trichlorofluoromethane	75-69-4	-	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U
Vinyl Chloride	75-01-4	2	(0.51) U	(0.52) U	(0.49) U	(0.65) U	(0.48) U	(0.65) U	(0.56) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0414.5**	**U0509.0**	**U0509.D**	**U0515.5**	**U0607.5**	**U0611.5**	**U0305.0**
		Lab ID	**627673**	**627674**	**627675**	**627668**	**627676**	**627669**	**628261**
		Sample Date	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/27/2005**
		Depth Interval	**14.5 - 15**	**9 - 9.5**	**9 - 9.5**	**15.5 - 16**	**7.5 - 8**	**11.5 - 12**	**5 - 5.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
1,1,2-Trichloroethane	79-00-5	1	(0.28) U	(0.30) U	(0.31) U	(0.31) U	(0.31) U	(0.28) U	(0.34) U
1,1-Dichloroethane	75-34-3	10	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
1,1-Dichloroethene	75-35-4	8	(0.19) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U	(0.19) U	(0.23) U
1,2-Dichloroethane	107-06-2	1	(0.19) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U	(0.19) U	(0.23) U
1,2-Dichloropropane	78-87-5	10	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
Bromodichloromethane	75-27-4	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
Bromoform	75-25-2	1	(0.37) U	(0.40) U	(0.41) U	(0.41) U	(0.41) U	(0.38) U	(0.46) U
Bromomethane	74-83-9	1	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.19) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U	(0.19) U	(0.23) U
Chlorobenzene	108-90-7	1	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Chloroethane	75-00-3	-	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Chloroform	67-66-3	1	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Chloromethane	74-87-3	10	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
cis-1,2-Dichloroethene	156-59-2	1	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Dibromochloromethane	124-48-1	1	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Ethylbenzene	100-41-4	100	(0.37) U	(0.40) U	(0.41) U	(0.41) U	(0.41) U	(0.38) U	(0.46) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.28) U	(0.30) U	(0.31) U	(0.31) U	(0.31) U	(0.28) U	(0.34) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	2.10	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
Toluene	108-88-3	500	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Total Xylenes	1330-20-7	67	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Trichloroethylene	79-01-6	1	(0.09) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.11) U
Trichlorofluoromethane	75-69-4	-	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U
Vinyl Chloride	75-01-4	2	(0.47) U	(0.51) U	(0.51) U	(0.51) U	(0.51) U	(0.48) U	(0.57) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0646.5**	**U0705.5**	**U0805.5**	**U0906.0**	**U1006.0**	**U1106.0**	**U1214.5**
		Lab ID	**628260**	**628703**	**628701**	**628700**	**628698**	**628699**	**628710**
		Sample Date	**4/27/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**
		Depth Interval	**46.5 - 47**	**5.5 - 6**	**5.5 - 6**	**6 - 6.5**	**6 - 6.5**	**6 - 6.5**	**14.5 - 15**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.10) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
1,1,2-Trichloroethane	79-00-5	1	(0.31) U	(0.32) U	(0.31) U	(0.34) U	(0.31) U	(0.29) U	(0.30) U
1,1-Dichloroethane	75-34-3	10	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
1,1-Dichloroethene	75-35-4	8	(0.20) U	(0.21) U	(0.21) U	(0.23) U	(0.21) U	(0.20) U	(0.20) U
1,2-Dichloroethane	107-06-2	1	(0.20) U	(0.21) U	(0.21) U	(0.23) U	(0.21) U	(0.20) U	(0.20) U
1,2-Dichloropropane	78-87-5	10	(0.10) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.10) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
Bromodichloromethane	75-27-4	1	(0.10) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
Bromoform	75-25-2	1	(0.41) U	(0.42) U	(0.42) U	(0.46) U	(0.42) U	(0.39) U	(0.41) U
Bromomethane	74-83-9	1	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.20) U	(0.21) U	(0.21) U	(0.23) U	(0.21) U	(0.20) U	(0.20) U
Chlorobenzene	108-90-7	1	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Chloroethane	75-00-3	-	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Chloroform	67-66-3	1	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Chloromethane	74-87-3	10	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
cis-1,2-Dichloroethene	156-59-2	1	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Dibromochloromethane	124-48-1	1	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Ethylbenzene	100-41-4	100	(0.41) U	(0.42) U	(0.42) U	(0.46) U	(0.42) U	(0.39) U	(0.41) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.31) U	(0.32) U	(0.31) U	(0.34) U	(0.31) U	(0.29) U	(0.30) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.10) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
Toluene	108-88-3	500	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Total Xylenes	1330-20-7	67	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Trichloroethylene	79-01-6	1	(0.10) U	(0.10) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
Trichlorofluoromethane	75-69-4	-	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U
Vinyl Chloride	75-01-4	2	(0.51) U	(0.53) U	(0.52) U	(0.57) U	(0.52) U	(0.49) U	(0.51) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U1306.0**	**U1416.0**	**U1516.0**	**U1516.D**	**U1616.0**	**U1716.0**	**U1806.0**
		Lab ID	**628704**	**629057**	**629056**	**629053**	**629058**	**629055**	**629054**
		Sample Date	**4/28/2005**	**4/29/2005**	**4/29/2005**	**4/29/2005**	**4/29/2005**	**4/29/2005**	**4/29/2005**
		Depth Interval	**6 - 6.5**	**16 - 16.5**	**16 - 16.5**	**16 - 16.5**	**16 - 16.5**	**16 - 16.5**	**6 - 6.5**
Analyte	**CAS-RN**	**MSSCC**							
1,1,1-Trichloroethane	71-55-6	50	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.12) U	(0.11) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
1,1,2-Trichloroethane	79-00-5	1	(0.35) U	(0.34) U	(0.29) U	(0.33) U	(0.31) U	(0.31) U	(0.29) U
1,1-Dichloroethane	75-34-3	10	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
1,1-Dichloroethene	75-35-4	8	(0.24) U	(0.22) U	(0.20) U	(0.22) U	(0.21) U	(0.21) U	(0.20) U
1,2-Dichloroethane	107-06-2	1	(0.24) U	(0.22) U	(0.20) U	(0.22) U	(0.21) U	(0.21) U	(0.20) U
1,2-Dichloropropane	78-87-5	10	(0.12) U	(0.11) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.12) U	(0.11) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
Bromodichloromethane	75-27-4	1	(0.12) U	(0.11) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
Bromoform	75-25-2	1	(0.47) U	(0.45) U	(0.39) U	(0.44) U	(0.42) U	(0.41) U	(0.39) U
Bromomethane	74-83-9	1	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.24) U	(0.22) U	(0.20) U	(0.22) U	(0.21) U	(0.21) U	(0.20) U
Chlorobenzene	108-90-7	1	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Chloroethane	75-00-3	-	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Chloroform	67-66-3	1	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Chloromethane	74-87-3	10	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
cis-1,2-Dichloroethene	156-59-2	1	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Dibromochloromethane	124-48-1	1	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Ethylbenzene	100-41-4	100	(0.47) U	(0.45) U	(0.39) U	(0.44) U	(0.42) U	(0.41) U	(0.39) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.35) U	(0.34) U	(0.29) U	(0.33) U	(0.31) U	(0.31) U	(0.29) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.12) U	(0.11) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
Toluene	108-88-3	500	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Total Xylenes	1330-20-7	67	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Trichloroethylene	79-01-6	1	(0.12) U	(0.11) U	(0.10) U	(0.11) U	(0.10) U	(0.10) U	(0.10) U
Trichlorofluoromethane	75-69-4	-	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U
Vinyl Chloride	75-01-4	2	(0.59) U	(0.56) U	(0.49) U	(0.55) U	(0.52) U	(0.52) U	(0.49) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**V0608.0**	**V0715.5**	**V0314.0**	**D0516.5**	**D0522.5**	**D0418.0**	**D0708.0**	**D0907.5**	**V0208.5**	**V0228.5**
		Lab ID	**629376**	**629377**	**629657**	**629658**	**629659**	**630052**	**630049**	**630051**	**630046**	**630047**
		Sample Date	**5/2/2005**	**5/2/2005**	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**
		Depth Interval	**8 - 8.5**	**15.5 - 16**	**14 - 14.5**	**16.5 - 17**	**22.5 - 23**	**18 - 18.5**	**8 - 8.5**	**7.5 - 8**	**8.5 - 9**	**8.5 - 9**
Analyte	**CAS-RN**	**MSSCC**										
1,1,1-Trichloroethane	71-55-6	50	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.10) U	(0.10) U	(0.10) U	(0.74) U	(0.32) U	(0.13) U	(0.10) U	(0.11) U	(0.15) U	(0.10) U
1,1,2-Trichloroethane	79-00-5	1	(0.31) U	(0.29) U	(0.31) U	**(2.20)** U	(0.96) U	(0.38) U	(0.30) U	(0.34) U	(0.44) U	(0.29) U
1,1-Dichloroethane	75-34-3	10	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
1,1-Dichloroethene	75-35-4	8	(0.21) U	(0.19) U	(0.20) U	(1.50) U	(0.64) U	(0.25) U	(0.20) U	(0.23) U	(0.30) U	(0.19) U
1,2-Dichloroethane	107-06-2	1	(0.21) U	(0.19) U	(0.20) U	**(1.50)** U	(0.64) U	(0.25) U	(0.20) U	(0.23) U	(0.30) U	(0.19) U
1,2-Dichloropropane	78-87-5	10	(0.10) U	(0.10) U	(0.10) U	(0.74) U	(0.32) U	(0.13) U	(0.10) U	(0.11) U	(0.15) U	(0.10) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.10) U	(0.10) U	(0.10) U	(0.74) U	(0.32) U	(0.13) U	(0.10) U	(0.11) U	(0.15) U	(0.10) U
Bromodichloromethane	75-27-4	1	(0.10) U	(0.10) U	(0.10) U	(0.74) U	(0.32) U	(0.13) U	(0.10) U	(0.11) U	(0.15) U	(0.10) U
Bromoform	75-25-2	1	(0.41) U	(0.38) U	(0.41) U	**(3.00)** U	**(1.30)** U	(0.50) U	(0.40) U	(0.46) U	(0.59) U	(0.38) U
Bromomethane	74-83-9	1	(0.52) U	(0.48) U	(0.51) U	**(3.70)** U	**(1.60)** U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.21) U	(0.19) U	(0.20) U	**(1.50)** U	(0.64) U	(0.25) U	(0.20) U	(0.23) U	(0.30) U	(0.19) U
Chlorobenzene	108-90-7	1	(0.52) U	(0.48) U	(0.51) U	**(3.70)** U	**(1.60)** U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Chloroethane	75-00-3	-	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Chloroform	67-66-3	1	(0.52) U	(0.48) U	(0.51) U	**(3.70)** U	**(1.60)** U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Chloromethane	74-87-3	10	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
cis-1,2-Dichloroethene	156-59-2	1	(0.52) U	(0.48) U	(0.51) U	**(3.70)** U	**(1.60)** U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Dibromochloromethane	124-48-1	1	(0.52) U	(0.48) U	(0.51) U	**(3.70)** U	**(1.60)** U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Ethylbenzene	100-41-4	100	(0.41) U	(0.38) U	(0.41) U	15.00	3.60	(0.50) U	(0.40) U	(0.46) U	(0.59) U	(0.38) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.31) U	(0.29) U	(0.31) U	**(2.20)** U	(0.96) U	(0.38) U	(0.30) U	(0.34) U	(0.44) U	(0.29) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.10) U	(0.10) U	(0.10) U	(0.74) U	(0.32) U	(0.13) U	(0.10) U	(0.11) U	(0.15) U	(0.10) U
Toluene	108-88-3	500	(0.52) U	(0.48) U	(0.51) U	1.00 J	0.91 J	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Total Xylenes	1330-20-7	67	(0.52) U	(0.48) U	(0.51) U	45.00	16.00	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
trans-1,3-Dichloropropene	10061-02-6	-	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Trichloroethylene	79-01-6	1	(0.10) U	(0.10) U	(0.10) U	(0.74) U	(0.32) U	(0.13) U	(0.10) U	(0.11) U	(0.15) U	(0.10) U
Trichlorofluoromethane	75-69-4	-	(0.52) U	(0.48) U	(0.51) U	(3.70) U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U
Vinyl Chloride	75-01-4	2	(0.52) U	(0.48) U	(0.51) U	**(3.70)** U	(1.60) U	(0.63) U	(0.50) U	(0.57) U	(0.74) U	(0.48) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN - Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.
NR - Indicates that the analyte was not requested.
U - Indicates that the analyte was not detected at the MDL shown in parentheses.
UF - Indicates that the analyte was undetected in field lab analysis.
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**V0415.0**	**V0415.D**	**V0522.0**	**V1A14.0**	**A0514.5**	**A0911.5**	**A1312.0**	**A1712.0**	**A1734.8**	**D0421.0**
		Lab ID	**629654**	**629655**	**629656**	**630045**	**634064**	**634065**	**634066**	**634062**	**634063**	**634068**
		Sample Date	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/4/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**
		Depth Interval	**15 - 15.5**	**15 - 15.5**	**22 - 22.5**	**14 - 14.5**	**14.5 - 15**	**11.5 - 12**	**12 - 12.5**	**12 - 12.5**	**34.8 - 35.3**	**21 - 21.5**
Analyte	**CAS-RN**	**MSSCC**										
1,1,1-Trichloroethane	71-55-6	50	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.14) U	(0.11) U
1,1,2-Trichloroethane	79-00-5	1	(0.36) U	(0.31) U	(0.29) U	(0.35) U	(0.35) U	(0.30) U	(0.31) U	(0.35) U	(0.41) U	(0.33) U
1,1-Dichloroethane	75-34-3	10	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
1,1-Dichloroethene	75-35-4	8	(0.24) U	(0.21) U	(0.19) U	(0.23) U	(0.23) U	(0.20) U	(0.21) U	(0.23) U	(0.27) U	(0.22) U
1,2-Dichloroethane	107-06-2	1	(0.24) U	(0.21) U	(0.19) U	(0.23) U	(0.23) U	(0.20) U	(0.21) U	(0.23) U	(0.27) U	(0.22) U
1,2-Dichloropropane	78-87-5	10	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.14) U	(0.11) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.14) U	(0.11) U
Bromodichloromethane	75-27-4	1	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.14) U	(0.11) U
Bromoform	75-25-2	1	(0.48) U	(0.41) U	(0.38) U	(0.46) U	(0.46) U	(0.40) U	(0.42) U	(0.46) U	(0.54) U	(0.44) U
Bromomethane	74-83-9	1	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.24) U	(0.21) U	(0.19) U	(0.23) U	(0.23) U	(0.20) U	(0.21) U	(0.23) U	(0.27) U	(0.22) U
Chlorobenzene	108-90-7	1	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Chloroethane	75-00-3	-	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Chloroform	67-66-3	1	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Chloromethane	74-87-3	10	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
cis-1,2-Dichloroethene	156-59-2	1	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Dibromochloromethane	124-48-1	1	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Ethylbenzene	100-41-4	100	(0.48) U	(0.41) U	(0.38) U	(0.46) U	(0.46) U	(0.40) U	(0.42) U	(0.46) U	(0.54) U	0.38 J
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.36) U	(0.31) U	(0.29) U	(0.35) U	(0.35) U	(0.30) U	(0.31) U	(0.35) U	(0.41) U	(0.33) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.14) U	(0.11) U
Toluene	108-88-3	500	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Total Xylenes	1330-20-7	67	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	0.65 O
Total-1,2-Dichloroethene	540-59-0	-	NR	NR	NR	NR	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Trans-1,2-Dichloroethene	156-60-5	50	(0.60) U	(0.52) U	(0.48) U	(0.58) U	NR	NR	NR	NR	NR	NR
trans-1,3-Dichloropropene	10061-02-6	-	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Trichloroethylene	79-01-6	1	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.12) U	(0.10) U	(0.10) U	(0.12) U	(0.14) U	(0.11) U
Trichlorofluoromethane	75-69-4	-	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U
Vinyl Chloride	75-01-4	2	(0.60) U	(0.52) U	(0.48) U	(0.58) U	(0.58) U	(0.50) U	(0.52) U	(0.58) U	(0.68) U	(0.55) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D0430.5**	**D1116.5**	**D1121.0**	**D1122.5**	**D1129.0**	**D1216.5**	**D1221.0**	**D1222.0**	**D1230.5**	**W0109.0**
		Lab ID	**634069**	**637612**	**637613**	**637614**	**637615**	**637616**	**637617**	**637618**	**637619**	**637621**
		Sample Date	**5/18/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**
		Depth Interval	**30.5 - 31**	**16.5 - 17**	**21 - 21.5**	**22.5 - 23**	**29 - 29.5**	**16.5 - 17**	**21 - 21.5**	**22 - 22.5**	**30.5 - 31**	**9 - 9.5**
Analyte	**CAS-RN**	**MSSCC**										
1,1,1-Trichloroethane	71-55-6	50	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.14) U	(0.13) U	(0.13) U	(0.23) U	(0.15) U	(0.10) U	(0.11) U	(0.12) U	(0.14) U	(0.11) U
1,1,2-Trichloroethane	79-00-5	1	(0.42) U	(0.40) U	(0.38) U	(0.69) U	(0.45) U	(0.31) U	(0.34) U	(0.36) U	(0.43) U	(0.32) U
1,1-Dichloroethane	75-34-3	10	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
1,1-Dichloroethene	75-35-4	8	(0.28) U	(0.27) U	(0.25) U	(0.46) U	(0.30) U	(0.21) U	(0.23) U	(0.24) U	(0.28) U	(0.21) U
1,2-Dichloroethane	107-06-2	1	(0.28) U	(0.27) U	(0.25) U	(0.46) U	(0.30) U	(0.21) U	(0.23) U	(0.24) U	(0.28) U	(0.21) U
1,2-Dichloropropane	78-87-5	10	(0.14) U	(0.13) U	(0.13) U	(0.23) U	(0.15) U	(0.10) U	(0.11) U	(0.12) U	(0.14) U	(0.11) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.14) U	(0.13) U	(0.13) U	(0.23) U	(0.15) U	(0.10) U	(0.11) U	(0.12) U	(0.14) U	(0.11) U
Bromodichloromethane	75-27-4	1	(0.14) U	(0.13) U	(0.13) U	(0.23) U	(0.15) U	(0.10) U	(0.11) U	(0.12) U	(0.14) U	(0.11) U
Bromoform	75-25-2	1	(0.56) U	(0.54) U	(0.50) U	(0.92) U	(0.60) U	(0.42) U	(0.46) U	(0.49) U	(0.57) U	(0.43) U
Bromomethane	74-83-9	1	(0.71) U	(0.67) U	(0.63) U	**(1.20)** U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.28) U	(0.27) U	(0.25) U	(0.46) U	(0.30) U	(0.21) U	(0.23) U	(0.24) U	(0.28) U	(0.21) U
Chlorobenzene	108-90-7	1	(0.71) U	(0.67) U	(0.63) U	**(1.20)** U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Chloroethane	75-00-3	-	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Chloroform	67-66-3	1	(0.71) U	(0.67) U	(0.63) U	**(1.20)** U	0.08 J	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Chloromethane	74-87-3	10	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
cis-1,2-Dichloroethene	156-59-2	1	(0.71) U	(0.67) U	(0.63) U	**(1.20)** U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Dibromochloromethane	124-48-1	1	(0.71) U	(0.67) U	(0.63) U	**(1.20)** U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Ethylbenzene	100-41-4	100	0.37 J	(0.54) U	(0.50) U	(0.92) U	0.19 J	(0.42) U	(0.46) U	(0.49) U	(0.57) U	(0.43) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.42) U	(0.40) U	(0.38) U	(0.69) U	(0.45) U	(0.31) U	(0.34) U	(0.36) U	(0.43) U	(0.32) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.14) U	(0.13) U	(0.13) U	(0.23) U	(0.15) U	(0.10) U	(0.11) U	(0.12) U	(0.14) U	(0.11) U
Toluene	108-88-3	500	0.13 J	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Total Xylenes	1330-20-7	67	3.00 O	(0.67) U	(0.63) U	(1.20) U	1.80 O	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Total-1,2-Dichloroethene	540-59-0	-	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
trans-1,3-Dichloropropene	10061-02-6	-	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Trichloroethylene	79-01-6	1	(0.14) U	(0.13) U	(0.13) U	(0.23) U	(0.15) U	(0.10) U	(0.11) U	(0.12) U	(0.14) U	(0.11) U
Trichlorofluoromethane	75-69-4	-	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U
Vinyl Chloride	75-01-4	2	(0.71) U	(0.67) U	(0.63) U	(1.20) U	(0.75) U	(0.52) U	(0.57) U	(0.61) U	(0.71) U	(0.54) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**W0111.0**	**A0108.0**	**A0108.D**	**A0119.5**	**A1034.0**	**A1047.0**	**A2126.0**	**A2137.5**	**A2217.5**	**A2230.5**
		Lab ID	**637622**	**638636**	**638637**	**638638**	**638639**	**638640**	**638641**	**638642**	**638643**	**638644**
		Sample Date	**5/31/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**
		Depth Interval	**11 - 11.5**	**8 - 8.5**	**8 - 8.5**	**19.5 - 20**	**34 - 34.5**	**47 - 47.5**	**26 - 26.5**	**37.5 - 38**	**17.5 - 18**	**30.5 - 31**
Analyte	**CAS-RN**	**MSSCC**										
1,1,1-Trichloroethane	71-55-6	50	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.10) U	(0.10) U	(0.09) U	(0.08) U	(0.09) U	(0.15) U	(0.09) U	(0.13) U	(0.09) U	(0.09) U
1,1,2-Trichloroethane	79-00-5	1	(0.30) U	(0.29) U	(0.28) U	(0.25) U	(0.27) U	(0.44) U	(0.27) U	(0.39) U	(0.28) U	(0.27) U
1,1-Dichloroethane	75-34-3	10	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
1,1-Dichloroethene	75-35-4	8	(0.20) U	(0.20) U	(0.18) U	(0.16) U	(0.18) U	(0.29) U	(0.18) U	(0.26) U	(0.19) U	(0.18) U
1,2-Dichloroethane	107-06-2	1	(0.20) U	(0.20) U	(0.18) U	(0.16) U	(0.18) U	(0.29) U	(0.18) U	(0.26) U	(0.19) U	(0.18) U
1,2-Dichloropropane	78-87-5	10	(0.10) U	(0.10) U	(0.09) U	(0.08) U	(0.09) U	(0.15) U	(0.09) U	(0.13) U	(0.09) U	(0.09) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.10) U	(0.10) U	(0.09) U	(0.08) U	(0.09) U	(0.15) U	(0.09) U	(0.13) U	(0.09) U	(0.09) U
Bromodichloromethane	75-27-4	1	(0.10) U	(0.10) U	(0.09) U	(0.08) U	(0.09) U	(0.15) U	(0.09) U	(0.13) U	(0.09) U	(0.09) U
Bromoform	75-25-2	1	(0.40) U	(0.39) U	(0.37) U	(0.33) U	(0.36) U	(0.59) U	(0.36) U	(0.52) U	(0.37) U	(0.36) U
Bromomethane	74-83-9	1	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.20) U	(0.20) U	(0.18) U	(0.16) U	(0.18) U	(0.29) U	(0.18) U	(0.26) U	(0.19) U	(0.18) U
Chlorobenzene	108-90-7	1	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Chloroethane	75-00-3	-	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Chloroform	67-66-3	1	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	0.05 J	0.28 J	(0.47) U	(0.46) U
Chloromethane	74-87-3	10	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
cis-1,2-Dichloroethene	156-59-2	1	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Dibromochloromethane	124-48-1	1	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Ethylbenzene	100-41-4	100	(0.40) U	(0.39) U	(0.37) U	(0.33) U	(0.36) U	(0.59) U	0.06 J	(0.52) U	(0.37) U	(0.36) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.30) U	(0.29) U	(0.28) U	(0.25) U	(0.27) U	(0.44) U	(0.27) U	(0.39) U	(0.28) U	(0.27) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.10) U	(0.10) U	(0.09) U	(0.08) U	(0.09) U	(0.15) U	(0.09) U	(0.13) U	(0.09) U	(0.09) U
Toluene	108-88-3	500	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Total Xylenes	1330-20-7	67	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Total-1,2-Dichloroethene	540-59-0	-	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
trans-1,3-Dichloropropene	10061-02-6	-	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Trichloroethylene	79-01-6	1	(0.10) U	(0.10) U	(0.09) U	(0.08) U	(0.09) U	(0.15) U	(0.09) U	(0.13) U	(0.09) U	(0.09) U
Trichlorofluoromethane	75-69-4	-	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U
Vinyl Chloride	75-01-4	2	(0.50) U	(0.49) U	(0.46) U	(0.41) U	(0.45) U	(0.73) U	(0.45) U	(0.65) U	(0.47) U	(0.46) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1316.5**	**D1321.0**	**D1322.5**	**D1329.0**	**A0511.5**	**A0523.5**	**A2016.5**	**A2030.5**	**D1016.5**	**D1021.0**
		Lab ID	**638645**	**638646**	**638647**	**638648**	**639322**	**639323**	**639320**	**639321**	**639314**	**639315**
		Sample Date	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**
		Depth Interval	**16.5 - 17**	**21 - 21.5**	**22.5 - 23**	**29 - 29.5**	**11.5 - 12**	**23.5 - 24**	**16.5 - 17**	**30.5 - 31**	**16.5 - 17**	**21 - 21.5**
Analyte	**CAS-RN**	**MSSCC**										
1,1,1-Trichloroethane	71-55-6	50	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.10) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U	(0.09) U	(0.11) U	(0.17) U	(0.12) U
1,1,2-Trichloroethane	79-00-5	1	(0.31) U	(0.30) U	(0.30) U	(0.35) U	(0.32) U	(0.32) U	(0.28) U	(0.34) U	(0.50) U	(0.37) U
1,1-Dichloroethane	75-34-3	10	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
1,1-Dichloroethene	75-35-4	8	(0.21) U	(0.20) U	(0.20) U	(0.23) U	(0.21) U	(0.21) U	(0.18) U	(0.22) U	(0.33) U	(0.25) U
1,2-Dichloroethane	107-06-2	1	(0.21) U	(0.20) U	(0.20) U	(0.23) U	(0.21) U	(0.21) U	(0.18) U	(0.22) U	(0.33) U	(0.25) U
1,2-Dichloropropane	78-87-5	10	(0.10) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U	(0.09) U	(0.11) U	(0.17) U	(0.12) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.10) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U	(0.09) U	(0.11) U	(0.17) U	(0.12) U
Bromodichloromethane	75-27-4	1	(0.10) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U	(0.09) U	(0.11) U	(0.17) U	(0.12) U
Bromoform	75-25-2	1	(0.42) U	(0.39) U	(0.40) U	(0.47) U	(0.42) U	(0.42) U	(0.37) U	(0.45) U	(0.66) U	(0.50) U
Bromomethane	74-83-9	1	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.21) U	(0.20) U	(0.20) U	(0.23) U	(0.21) U	(0.21) U	(0.18) U	(0.22) U	(0.33) U	(0.25) U
Chlorobenzene	108-90-7	1	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Chloroethane	75-00-3	-	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Chloroform	67-66-3	1	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Chloromethane	74-87-3	10	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
cis-1,2-Dichloroethene	156-59-2	1	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Dibromochloromethane	124-48-1	1	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Ethylbenzene	100-41-4	100	(0.42) U	(0.39) U	(0.40) U	(0.47) U	(0.42) U	(0.42) U	(0.37) U	(0.45) U	(0.66) U	(0.50) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.31) U	(0.30) U	(0.30) U	(0.35) U	(0.32) U	(0.32) U	(0.28) U	(0.34) U	(0.50) U	(0.37) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.10) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U	(0.09) U	(0.11) U	(0.17) U	(0.12) U
Toluene	108-88-3	500	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Total Xylenes	1330-20-7	67	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Total-1,2-Dichloroethene	540-59-0	-	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
trans-1,3-Dichloropropene	10061-02-6	-	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Trichloroethylene	79-01-6	1	(0.10) U	(0.10) U	(0.10) U	(0.12) U	(0.10) U	(0.10) U	(0.09) U	(0.11) U	(0.17) U	(0.12) U
Trichlorofluoromethane	75-69-4	-	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U
Vinyl Chloride	75-01-4	2	(0.52) U	(0.49) U	(0.51) U	(0.58) U	(0.53) U	(0.53) U	(0.46) U	(0.56) U	(0.83) U	(0.62) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 5
Summary of Soil Analytical Results: Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1022.5**	**D1030.5**	**D1031.5**	**D1419.5**	**D1521.5**	**D1600.0**	**D1604.0**	**D1700.0**	**D1704.0**
		Lab ID	**639316**	**639317**	**639318**	**639319**	**639324**	**639991**	**639992**	**639993**	**639994**
		Sample Date	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/7/2005**	**6/7/2005**	**6/7/2005**	**6/7/2005**
		Depth Interval	**22.5 - 23**	**30.5 - 31**	**31.5 - 32**	**19.5 - 20**	**21.5 - 22**	**0 - 0.5**	**4 - 4.5**	**0 - 0.5**	**4 - 4.5**
Analyte	**CAS-RN**	**MSSCC**									
1,1,1-Trichloroethane	71-55-6	50	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.15) U	(0.14) U	(0.13) U	(0.12) U	(0.09) U	(0.10) U	(0.10) U	(0.09) U	(0.09) U
1,1,2-Trichloroethane	79-00-5	1	(0.46) U	(0.41) U	(0.39) U	(0.36) U	(0.28) U	(0.29) U	(0.30) U	(0.27) U	(0.28) U
1,1-Dichloroethane	75-34-3	10	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
1,1-Dichloroethene	75-35-4	8	(0.31) U	(0.27) U	(0.26) U	(0.24) U	(0.19) U	(0.20) U	(0.20) U	(0.18) U	(0.19) U
1,2-Dichloroethane	107-06-2	1	(0.31) U	(0.27) U	(0.26) U	(0.24) U	(0.19) U	(0.20) U	(0.20) U	(0.18) U	(0.19) U
1,2-Dichloropropane	78-87-5	10	(0.15) U	(0.14) U	(0.13) U	(0.12) U	(0.09) U	(0.10) U	(0.10) U	(0.09) U	(0.09) U
2-Chloroethyl Vinyl Ether	110-75-8	-	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
2-Hexanone	591-78-6	-	NR	NR	NR	NR	NR	NR	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzene	71-43-2	1	(0.15) U	(0.14) U	(0.13) U	(0.12) U	(0.09) U	(0.10) U	(0.10) U	(0.09) U	(0.09) U
Bromodichloromethane	75-27-4	1	(0.15) U	(0.14) U	(0.13) U	(0.12) U	(0.09) U	(0.10) U	(0.10) U	(0.09) U	(0.09) U
Bromoform	75-25-2	1	(0.61) U	(0.55) U	(0.52) U	(0.47) U	(0.38) U	(0.39) U	(0.40) U	(0.36) U	(0.38) U
Bromomethane	74-83-9	1	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Carbon Disulfide	75-15-0	-	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon tetrachloride	56-23-5	1	(0.31) U	(0.27) U	(0.26) U	(0.24) U	(0.19) U	(0.20) U	(0.20) U	(0.18) U	(0.19) U
Chlorobenzene	108-90-7	1	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Chloroethane	75-00-3	-	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Chloroform	67-66-3	1	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Chloromethane	74-87-3	10	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
cis-1,2-Dichloroethene	156-59-2	1	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
cis-1,3-Dichloropropene	10061-01-5	-	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Dibromochloromethane	124-48-1	1	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Ethylbenzene	100-41-4	100	(0.61) U	(0.55) U	(0.52) U	(0.47) U	(0.38) U	(0.39) U	(0.40) U	(0.36) U	(0.38) U
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	75-09-2	1	(0.46) U	(0.41) U	(0.39) U	(0.36) U	(0.28) U	(0.29) U	(0.30) U	(0.27) U	(0.28) U
Propyl benzene	103-65-1	-	NR	NR	NR	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	23	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tetrachloroethene	127-18-4	1	(0.15) U	(0.14) U	(0.13) U	(0.12) U	(0.09) U	(0.10) U	(0.10) U	(0.09) U	(0.09) U
Toluene	108-88-3	500	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Total Xylenes	1330-20-7	67	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Total-1,2-Dichloroethene	540-59-0	-	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Trans-1,2-Dichloroethene	156-60-5	50	NR	NR	NR	NR	NR	NR	NR	NR	NR
trans-1,3-Dichloropropene	10061-02-6	-	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Trichloroethylene	79-01-6	1	(0.15) U	(0.14) U	(0.13) U	(0.12) U	(0.09) U	(0.10) U	(0.10) U	(0.09) U	(0.09) U
Trichlorofluoromethane	75-69-4	-	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U
Vinyl Chloride	75-01-4	2	(0.77) U	(0.68) U	(0.66) U	(0.59) U	(0.47) U	(0.49) U	(0.50) U	(0.46) U	(0.47) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN - Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit (MDL) and is estimated.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL shown in parentheses.

UF - Indicates that the analyte was undetected in field lab analysis.

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	S-1	S-2	S1-HOLE-4-(0-2)	S2-HOLE-4-(2-4)	1st Hole 5(0-2)
		Lab ID	87610	87611	87713	87714	89236
		Sample Date	7/18/1988	7/18/1988	7/19/1988	7/19/1988	8/9/1988
		Depth Interval	†	†	0 - 2	2 - 4	0 - 2
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
1,2-Dichlorobenzene	95-50-1	50	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
1,4-Dichlorobenzene	106-46-7	100	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
2,4,5-Trichlorophenol	95-95-4	50	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
2,4,6-Trichlorophenol	88-06-2	10	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
2,4-Dichlorophenol	120-83-2	10	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
2,4-Dimethylphenol	105-67-9	10	**14**	(0.2) U	3.9	NR	9.1
2,4-Dinitrophenol	51-28-5	10	(3.6) U	(0.8) U	(2.2) U	(0.76) U	(1.5) U
2,4-Dinitrotoluene	121-14-2	-	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
2,6-Dinitrotoluene	606-20-2	-	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
2-Chloronaphthalene	91-58-7	-	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
2-Chlorophenol	95-57-8	10	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(3.6) U	(0.8) U	(2.2) U	(0.76) U	(1.5) U
2-Methylnaphthalene	91-57-6	-	(0.9) U	(0.2) U	0.32 J	NR	0.2 J
2-Nitroaniline	88-74-4	-	(1.8) U	(0.4) U	(1.1) U	NR	(0.74) U
2-Nitrophenol	88-75-5	-	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
3-Nitroaniline	99-09-2	-	(1.8) U	(0.4) U	(1.1) U	(0.38) U	(0.74) U
4-Bromophenyl phenyl ether	101-55-3	-	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
4-Chloro-3-methylphenol	59-50-7	100	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
4-Chloroaniline	106-47-8	230	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
4-Nitroaniline	100-01-6	-	(1.8) U	(0.4) U	(1.1) U	(0.38) U	(0.74) U
4-Nitrophenol	100-02-7	-	(3.6) U	(0.8) U	(2.2) U	(0.76) U	(1.5) U
Acenaphthene	83-32-9	100	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Acenaphthylene	208-96-8	-	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
Anthracene	120-12-7	100	(0.9) U	(0.2) U	(0.54) U	0.05 J	0.28 J
Benzo(a)anthracene	56-55-3	0.9	**(0.9)** U	(0.2) U	(0.54) U	(0.19) U	0.49
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	**(0.9)** U	(0.2) U	(0.54) U	0.16 J	(0.37) U
Benzo(b)fluoranthene	205-99-2	0.9	**(0.9)** U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Benzo(g,h,i)perylene	191-24-2	-	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Benzo(k)fluoranthene	207-08-9	0.9	**(0.9)** U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Benzyl alcohol	100-51-6	50	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
bis(2-Chloroethoxy)methane	111-91-1	-	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(0.9)** U	(0.2) U	(0.54) U	NR	(0.37) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.9) U	0.52	(0.54) U	(0.19) U	(0.37) U
Butylbenzylphthalate	85-68-7	100	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.9) U	(0.2) U	(0.54) U	0.26	0.74
Dibenz(a,h)anthracene	53-70-3	0.66	**(0.9)** U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Dibenzofuran	132-64-9	-	(0.9) U	(0.2) U	(0.54) U	0.04 J	(0.37) U
Diethylphthalate	84-66-2	50	(0.9) U	0.65	(0.54) U	(0.19) U	(0.37) U
Dimethylphthalate	131-11-3	50	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
Di-n-butylphthalate	84-74-2	100	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Di-n-octylphthalate	117-84-0	100	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Fluoranthene	206-44-0	100	(0.9) U	(0.2) U	1.1	0.2	1.7
Fluorene	86-73-7	100	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Hexachlorobenzene	118-74-1	0.66	**(0.9)** U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Hexachlorobutadiene	87-68-3	1	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
Hexachlorocyclopentadiene	77-47-4	100	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
Hexachloroethane	67-72-1	6	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**(0.9)** U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	1.2 J	(0.2) U	1.5	NR	1.3
Naphthalene	91-20-3	100	(0.9) U	(0.2) U	0.44 J	NR	0.33 J
Nitrobenzene	98-95-3	10	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(0.9)** U	(0.2) U	(0.54) U	NR	(0.37) U
N-Nitrosodiphenylamine	86-30-6	100	(0.9) U	(0.2) U	(0.54) U	(0.19) U	(0.37) U
o-cresol	95-48-7	1000	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
Pentachlorophenol	87-86-5	6	(1.8) U	(0.4) U	(1.1) U	(0.38) U	(0.74) U
Phenanthrene	85-01-8	-	(0.9) U	(0.2) U	1.6	0.21	1.4
Phenol	108-95-2	50	(0.9) U	(0.2) U	(0.54) U	NR	(0.37) U
Pyrene	129-00-0	100	(0.9) U	(0.2) U	2.8	0.32	1

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	Hole 3: (0-2)	Hole 3: (2-4)	B2-0-2	B2-0-4	Site1-Sample 1(0-2)
		Lab ID	89237	89238	89346	89347	90036
		Sample Date	8/9/1988	8/9/1988	8/10/1988	8/10/1988	8/18/1988
		Depth Interval	0 - 2	2 - 4	0 - 2	2 - 4	0 - 2
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
1,2-Dichlorobenzene	95-50-1	50	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
1,4-Dichlorobenzene	106-46-7	100	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
2,4,5-Trichlorophenol	95-95-4	50	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
2,4,6-Trichlorophenol	88-06-2	10	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
2,4-Dichlorophenol	120-83-2	10	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
2,4-Dimethylphenol	105-67-9	10	0.78	0.54	(0.54) U	NR	(0.59) U
2,4-Dinitrophenol	51-28-5	10	(1.4) U	(0.76) U	(2.2) U	(2.2) U	(2.4) U
2,4-Dinitrotoluene	121-14-2	-	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
2,6-Dinitrotoluene	606-20-2	-	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
2-Chloronaphthalene	91-58-7	-	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
2-Chlorophenol	95-57-8	10	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.4) U	(0.76) U	(2.2) U	(2.2) U	(2.4) U
2-Methylnaphthalene	91-57-6	-	(0.36) U	0.45	2.2	NR	19
2-Nitroaniline	88-74-4	-	(0.72) U	(0.38) U	(1.1) U	NR	(1.2) U
2-Nitrophenol	88-75-5	-	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
3-Nitroaniline	99-09-2	-	(0.72) U	0.38	(1.1) U	(1.1) U	(1.2) U
4-Bromophenyl phenyl ether	101-55-3	-	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
4-Chloro-3-methylphenol	59-50-7	100	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
4-Chloroaniline	106-47-8	230	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
4-Nitroaniline	100-01-6	-	(0.72) U	(0.38) U	(1.1) U	(1.1) U	(1.2) U
4-Nitrophenol	100-02-7	-	(1.4) U	(0.76) U	(2.2) U	(2.2) U	(2.4) U
Acenaphthene	83-32-9	100	(0.36) U	0.25	(0.54) U	(0.55) U	(0.59) U
Acenaphthylene	208-96-8	-	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
Anthracene	120-12-7	100	(0.36) U	0.5	(0.54) U	(0.55) U	(0.59) U
Benzo(a)anthracene	56-55-3	0.9	(0.36) U	**1.8**	**1.4**	(0.55) U	**1.2**
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.36) U	**1.6**	**1.7**	(0.55) U	**1.2**
Benzo(b)fluoranthene	205-99-2	0.9	(0.36) U	**1.4**	**(1.7)** U	(0.55) U	**1.6**
Benzo(g,h,i)perylene	191-24-2	-	(0.36) U	1	0.85	(0.55) U	1.3
Benzo(k)fluoranthene	207-08-9	0.9	(0.36) U	**1.2**	(0.54) U	(0.55) U	(0.59) U
Benzyl alcohol	100-51-6	50	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
bis(2-Chloroethoxy)methane	111-91-1	-	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.36) U	(0.19) U	(0.54) U	(0.55) U	1.3
Butylbenzylphthalate	85-68-7	100	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.36) U	2.1	(0.54) U	(0.55) U	1.6
Dibenz(a,h)anthracene	53-70-3	0.66	(0.36) U	0.28	(0.54) U	(0.55) U	(0.59) U
Dibenzofuran	132-64-9	-	(0.36) U	0.19	(0.54) U	5	5.7
Diethylphthalate	84-66-2	50	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
Dimethylphthalate	131-11-3	50	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
Di-n-butylphthalate	84-74-2	100	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
Di-n-octylphthalate	117-84-0	100	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
Fluoranthene	206-44-0	100	0.61	3.6	1.7	(0.55) U	3.6
Fluorene	86-73-7	100	(0.36) U	0.21	(0.54) U	9.6	14
Hexachlorobenzene	118-74-1	0.66	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
Hexachlorobutadiene	87-68-3	1	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
Hexachlorocyclopentadiene	77-47-4	100	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
Hexachloroethane	67-72-1	6	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.36) U	**1.1**	**0.9**	(0.55) U	**1.1**
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
Naphthalene	91-20-3	100	0.24 J	0.36	2.3	NR	18
Nitrobenzene	98-95-3	10	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
N-Nitrosodiphenylamine	86-30-6	100	(0.36) U	(0.19) U	(0.54) U	(0.55) U	(0.59) U
o-cresol	95-48-7	1000	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
Pentachlorophenol	87-86-5	6	(0.72) U	(0.38) U	(1.1) U	(1.1) U	(1.2) U
Phenanthrene	85-01-8	-	0.48	3.7	8.3	13	15
Phenol	108-95-2	50	(0.36) U	(0.19) U	(0.54) U	NR	(0.59) U
Pyrene	129-00-0	100	0.48	3.4	0.88	0.4 J	2.2

NOTES:
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N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	Site1-Sample 2(2-4)	Site 6-Sample1 (0-3)	Sample-7	Site 7-Sample3	S1
		Lab ID	90037	90505	L40902501	91261	60158001
		Sample Date	8/18/1988	8/24/1988	9/2/1994	9/2/1988	1/17/1996
		Depth Interval	2 - 4	0 - 3	5 - †	4 - 6	0 - †
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
1,2-Dichlorobenzene	95-50-1	50	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	(1.1) U
1,3-Dichlorobenzene	541-73-1	100	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
1,4-Dichlorobenzene	106-46-7	100	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
2,4,5-Trichlorophenol	95-95-4	50	(1.9) U	(0.19) U	NR	(0.19) U	NR
2,4,6-Trichlorophenol	88-06-2	10	(1.9) U	(0.19) U	NR	(0.19) U	NR
2,4-Dichlorophenol	120-83-2	10	(1.9) U	(0.19) U	NR	(0.19) U	NR
2,4-Dimethylphenol	105-67-9	10	(1.9) U	(0.19) U	NR	(0.19) U	NR
2,4-Dinitrophenol	51-28-5	10	(7.7) U	(0.76) U	NR	(0.76) U	NR
2,4-Dinitrotoluene	121-14-2	-	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
2,6-Dinitrotoluene	606-20-2	-	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
2-Chloronaphthalene	91-58-7	-	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
2-Chlorophenol	95-57-8	10	(1.9) U	(0.19) U	NR	(0.19) U	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	(7.7) U	(0.76) U	NR	(0.76) U	NR
2-Methylnaphthalene	91-57-6	-	43	(0.19) U	(0.07) U	(0.05) U	NR
2-Nitroaniline	88-74-4	-	(3.9) U	(0.38) U	NR	(0.38) U	NR
2-Nitrophenol	88-75-5	-	(1.9) U	(0.19) U	NR	(0.19) U	NR
3,3'-Dichlorobenzidine	91-94-1	2	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
3-Nitroaniline	99-09-2	-	(3.9) U	(0.38) U	NR	(0.38) U	NR
4-Bromophenyl phenyl ether	101-55-3	-	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
4-Chloro-3-methylphenol	59-50-7	100	(1.9) U	(0.19) U	NR	0.19 J	NR
4-Chloroaniline	106-47-8	230	(1.9) U	(0.19) U	NR	(0.19) U	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
4-Nitroaniline	100-01-6	-	(3.9) U	(0.38) U	NR	(0.38) U	NR
4-Nitrophenol	100-02-7	-	(7.7) U	(0.76) U	NR	(0.76) U	NR
Acenaphthene	83-32-9	100	(1.9) U	(0.19) U	(0.07) U	(0.19) U	0.41 J
Acenaphthylene	208-96-8	-	(1.9) U	(0.19) U	(0.07) U	(0.19) U	0.36 J
Anthracene	120-12-7	100	1.4	(0.19) U	0.15	(0.19) U	1.1 J
Benzo(a)anthracene	56-55-3	0.9	**(1.9)** U	(0.19) U	**1.2**	(0.19) U	**3.1**
Benzidine	92-87-5	-	NR	NR	NR	NR	(9.3) U
Benzo(a)pyrene	50-32-8	0.66	**(1.9)** U	(0.19) U	**1.6**	(0.19) U	**3.1**
Benzo(b)fluoranthene	205-99-2	0.9	**2.3**	(0.19) U	**2.3**	(0.19) U	**3.5**
Benzo(g,h,i)perylene	191-24-2	-	1.5	(0.19) U	2.3	(0.19) U	1.8
Benzo(k)fluoranthene	207-08-9	0.9	**(1.9)** U	(0.19) U	0.57	(0.19) U	**2.4**
Benzyl alcohol	100-51-6	50	(1.9) U	(0.19) U	NR	(0.19) U	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(1.9)** U	(0.19) U	NR	(0.19) U	**(1.1)** U
bis(2-Chloroisopropyl)ether	108-60-1	10	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(1.9) U	(0.19) U	NR	(0.19) U	5.8
Butylbenzylphthalate	85-68-7	100	(1.9) U	(0.19) U	NR	(0.19) U	0.67 J
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(1.9) U	(0.19) U	1.7	(0.19) U	4.1
Dibenz(a,h)anthracene	53-70-3	0.66	**(1.9)** U	(0.19) U	(0.07) U	(0.19) U	0.2 J
Dibenzofuran	132-64-9	-	(1.9) U	(0.19) U	NR	(0.19) U	NR
Diethylphthalate	84-66-2	50	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
Dimethylphthalate	131-11-3	50	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
Di-n-butylphthalate	84-74-2	100	(1.9) U	(0.19) U	NR	(0.19) U	0.2 J
Di-n-octylphthalate	117-84-0	100	(1.9) U	(0.19) U	NR	(0.19) U	0.76 J
Fluoranthene	206-44-0	100	1.3	0.13 J	1.1	0.09 J	5
Fluorene	86-73-7	100	14	(0.19) U	(0.07) U	(0.19) U	0.44 J
Hexachlorobenzene	118-74-1	0.66	**(1.9)** U	(0.19) U	NR	(0.19) U	**(1.1)** U
Hexachlorobutadiene	87-68-3	1	**(1.9)** U	(0.19) U	NR	(0.19) U	**(1.1)** U
Hexachlorocyclopentadiene	77-47-4	100	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
Hexachloroethane	67-72-1	6	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**1.3**	(0.19) U	**1.8**	(0.19) U	**1.8**
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	(1.9) U	(0.19) U	NR	(0.19) U	NR
Naphthalene	91-20-3	100	19	(0.19) U	(0.07) U	0.04 J	0.26 J
Nitrobenzene	98-95-3	10	(1.9) U	(0.19) U	NR	(0.19) U	(1.1) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	(1.1) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(1.9)** U	(0.19) U	NR	(0.19) U	**(1.1)** U
N-Nitrosodiphenylamine	86-30-6	100	(1.9) U	(0.19) U	NR	(0.19) U	0.69 J
o-cresol	95-48-7	1000	(1.9) U	(0.19) U	NR	(0.19) U	NR
Pentachlorophenol	87-86-5	6	(3.9) U	(0.38) U	NR	(0.19) U	NR
Phenanthrene	85-01-8	-	19	0.12 J	0.7	0.11 J	3.6
Phenol	108-95-2	50	(1.9) U	(0.19) U	NR	(0.19) U	NR
Pyrene	129-00-0	100	1.5	(0.19) U	2.8	0.09 J	9.5

NOTES:
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† - Indicates missing depth data for historical samples.
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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	S2	S3	S4	S5	S6
		Lab ID	60158002	60158003	60158004	60158005	60158006
		Sample Date	1/17/1996	1/17/1996	1/17/1996	1/17/1996	1/17/1996
		Depth Interval	0 - †	0 - †	0 - †	0 - †	0 - †
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
1,2-Dichlorobenzene	95-50-1	50	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
1,2-Diphenylhydrazine	122-66-7	-	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
1,3-Dichlorobenzene	541-73-1	100	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
1,4-Dichlorobenzene	106-46-7	100	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
2,6-Dinitrotoluene	606-20-2	-	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
2-Chloronaphthalene	91-58-7	-	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(1.1) U	**(6.9)** U	(1.6) U	**(8.2)** U	**(28)** U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	1.1 J	1 J	0.34 J	1.2 J	9.8 J
Acenaphthylene	208-96-8	-	(1.1) U	(6.9) U	0.26 J	(8.2) U	3.6 J
Anthracene	120-12-7	100	1.7	4.6 J	0.98 J	2.9 J	28
Benzo(a)anthracene	56-55-3	0.9	**3.7**	**15**	**2.5**	**6.2** J	**45**
Benzidine	92-87-5	-	(8.7) U	(56) U	(14) U	(68) U	(220) U
Benzo(a)pyrene	50-32-8	0.66	**3.4**	**18**	**2.6**	**5.5** J	**35**
Benzo(b)fluoranthene	205-99-2	0.9	**5.4**	**23**	**4.6**	**8.6**	**53**
Benzo(g,h,i)perylene	191-24-2	-	2.7	10	2.2	4.1 J	19 J
Benzo(k)fluoranthene	207-08-9	0.9	**(1.1)** U	**5.3** J	**(1.6)** U	**4.9** J	**13** J
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(1.1)** U	**(6.9)** U	**(1.6)** U	**(8.2)** U	**(28)** U
bis(2-Chloroisopropyl)ether	108-60-1	10	(1.1) U	(6.9) U	(1.6) U	(8.2) U	**(28)** U
bis(2-Ethylhexyl)phthalate	117-81-7	49	9.7	4.7 J	4.8	11	8.1 J
Butylbenzylphthalate	85-68-7	100	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
Carbazole	86-74-8	-	NR	NR	NR	NR	22 JN
Chrysene	218-01-9	9	4.4	**16**	3.1	6.7 J	**53**
Dibenz(a,h)anthracene	53-70-3	0.66	0.24 J	**2.6** J	**0.67** J	**1.3** J	**7.1** J
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
Dimethylphthalate	131-11-3	50	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
Di-n-butylphthalate	84-74-2	100	0.27 J	(6.9) U	(1.6) U	(8.2) U	(28) U
Di-n-octylphthalate	117-84-0	100	0.89 J	(6.9) U	(1.6) U	(8.2) U	(28) U
Fluoranthene	206-44-0	100	5.4	30	3.4	9.6	96
Fluorene	86-73-7	100	(1.1) U	1.3 J	0.41 J	1.6 J	19 J
Hexachlorobenzene	118-74-1	0.66	**(1.1)** U	**(6.9)** U	**(1.6)** U	**(8.2)** U	**(28)** U
Hexachlorobutadiene	87-68-3	1	**(1.1)** U	**(6.9)** U	**(1.6)** U	**(8.2)** U	**(28)** U
Hexachlorocyclopentadiene	77-47-4	100	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
Hexachloroethane	67-72-1	6	(1.1) U	**(6.9)** U	(1.6) U	**(8.2)** U	**(28)** U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**2.2**	**10**	**1.8**	**3.3** J	**16** J
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(1.1) U	(6.9) U	0.21 J	1.2 J	7.7 J
Nitrobenzene	98-95-3	10	(1.1) U	(6.9) U	(1.6) U	(8.2) U	**(28)** U
N-Nitrosodimethylamine	62-75-9	-	(1.1) U	(6.9) U	(1.6) U	(8.2) U	(28) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(1.1)** U	**(6.9)** U	**(1.6)** U	**(8.2)** U	**(28)** U
N-Nitrosodiphenylamine	86-30-6	100	3.8	(6.9) U	(1.6) U	(8.2) U	(28) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	4.3	17	3.5	11	110
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	14	28	10	16	80

NOTES:
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NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	S7	S8	DUPLICATE	PES-12-1	PES-12-2
		Lab ID	60158007	60158008	60158009	61929001	61929002
		Sample Date	1/17/1996	1/17/1996	1/17/1996	5/10/1996	5/10/1996
		Depth Interval	0 - †	0 - †	0 - †	14 - 14.5	14 - 14.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
1,2-Dichlorobenzene	95-50-1	50	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	(2.5) U	(33) U	(1.3) U	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
2,6-Dinitrotoluene	606-20-2	-	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
2-Chloronaphthalene	91-58-7	-	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	0.29 J	0.77
2-Nitroaniline	88-74-4	-	NR	NR	NR	(2.2) U	(2.1) U
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	**(2.5)** U	**(33)** U	(1.3) U	(0.42) U	(0.4) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	(2.2) U	(2.1) U
4-Bromophenyl phenyl ether	101-55-3	-	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	(0.42) U	(0.4) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	(2.2) U	(2.1) U
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(2.5) U	(33) U	0.15 J	(0.42) U	(0.4) U
Acenaphthylene	208-96-8	-	0.33 J	(33) U	(1.3) U	(0.42) U	(0.4) U
Anthracene	120-12-7	100	0.68 J	(33) U	(1.3) U	(0.42) U	(0.4) U
Benzo(a)anthracene	56-55-3	0.9	**1.6** J	**6.2** J	0.82 J	**3**	**4.4**
Benzidine	92-87-5	-	(21) U	(270) U	(10) U	NR	NR
Benzo(a)pyrene	50-32-8	0.66	**2.8**	**(33)** U	**1.1** J	(0.42) U	(0.4) U
Benzo(b)fluoranthene	205-99-2	0.9	**1.1** J	**20** J	**1.8**	(0.42) U	(0.4) U
Benzo(g,h,i)perylene	191-24-2	-	2.7	8 J	0.92 J	(0.42) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	**7.9**	**9.6** J	**1.1** J	(0.42) U	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(2.5)** U	**(33)** U	**(1.3)** U	(0.42) U	(0.4) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(2.5) U	**(33)** U	(1.3) U	(0.42) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	10	**65**	5.5	(0.42) U	(0.4) U
Butylbenzylphthalate	85-68-7	100	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
Carbazole	86-74-8	-	NR	NR	NR	(0.42) U	(0.4) U
Chrysene	218-01-9	9	3.6	**11** J	1.6	(0.42) U	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	**0.83** J	**(33)** U	**(1.3)** U	(0.42) U	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	(0.42) U	(0.4) U
Diethylphthalate	84-66-2	50	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
Dimethylphthalate	131-11-3	50	1.2 J	(33) U	(1.3) U	(0.42) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	0.72 J	4.7 J	0.49 J	0.07 J	(0.4) U
Fluoranthene	206-44-0	100	2.7	11 J	1.3 J	(0.42) U	(0.4) U
Fluorene	86-73-7	100	0.46 J	(33) U	0.19 J	0.42	1
Hexachlorobenzene	118-74-1	0.66	**(2.5)** U	**(33)** U	**(1.3)** U	(0.42) U	(0.4) U
Hexachlorobutadiene	87-68-3	1	**(2.5)** U	**(33)** U	**(1.3)** U	(0.42) U	(0.4) U
Hexachlorocyclopentadiene	77-47-4	100	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
Hexachloroethane	67-72-1	6	(2.5) U	**(33)** U	(1.3) U	(0.42) U	(0.4) U
Hexadecanoic acid	540-10-3	-	NR	190 JN	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**2.2** J	**5.6** J	0.74 J	(0.42) U	(0.4) U
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.36 J	(33) U	(1.3) U	0.07 J	0.26 J
Nitrobenzene	98-95-3	10	(2.5) U	**(33)** U	(1.3) U	(0.42) U	(0.4) U
N-Nitrosodimethylamine	62-75-9	-	(2.5) U	(33) U	(1.3) U	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(2.5)** U	**(33)** U	**(1.3)** U	(0.42) U	(0.4) U
N-Nitrosodiphenylamine	86-30-6	100	(2.5) U	(33) U	(1.3) U	(0.42) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	2.3 J	7.3 J	1.1 J	2.2	4.7
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	8.1	25 J	4.5	(0.42) U	(0.4) U

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	PES-12-3	PES-12-4	PES-12-5	PES-12-6	SS-12-01
		Lab ID	61929003	61929004	61929005	61929006	62049001
		Sample Date	5/10/1996	5/10/1996	5/10/1996	5/10/1996	5/21/1996
		Depth Interval	14 - 14.5	14 - 14.5	14 - 14.5	14 - 14.5	12 - 12.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
1,2-Dichlorobenzene	95-50-1	50	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
2,6-Dinitrotoluene	606-20-2	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
2-Chloronaphthalene	91-58-7	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	0.48 J	(2.2) U	1.3 J	(2) U	(0.4) U
2-Nitroaniline	88-74-4	-	(11) U	(11) U	(9.9) U	(10) U	(2.1) U
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	**(2.1)** U	**(2.2)** U	(1.9) U	**(2)** U	(0.4) U
3-Nitroaniline	99-09-2	-	(11) U	(11) U	(9.9) U	(10) U	(2.1) U
4-Bromophenyl phenyl ether	101-55-3	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
4-Nitroaniline	100-01-6	-	(11) U	(11) U	(9.9) U	(10) U	(2.1) U
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Acenaphthylene	208-96-8	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Anthracene	120-12-7	100	(2.1) U	(2.2) U	(1.9) U	(2) U	0.07 J
Benzo(a)anthracene	56-55-3	0.9	**6**	**6.8**	**12**	**6.2**	0.2 J
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	**(2.1)** U	**1.4** J	**(1.9)** U	**1.7** J	0.19 J
Benzo(b)fluoranthene	205-99-2	0.9	**(2.1)** U	**(2.2)** U	**(1.9)** U	**(2)** U	0.26 J
Benzo(g,h,i)perylene	191-24-2	-	(2.1) U	(2.2) U	(1.9) U	(2) U	0.09 J
Benzo(k)fluoranthene	207-08-9	0.9	**(2.1)** U	**(2.2)** U	**(1.9)** U	**(2)** U	0.09 J
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(2.1)** U	**(2.2)** U	**(1.9)** U	**(2)** U	(0.4) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Butylbenzylphthalate	85-68-7	100	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Carbazole	86-74-8	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Chrysene	218-01-9	9	(2.1) U	(2.2) U	1.5 J	0.89 J	0.27 J
Dibenz(a,h)anthracene	53-70-3	0.66	**(2.1)** U	**(2.2)** U	**(1.9)** U	**(2)** U	(0.4) U
Dibenzofuran	132-64-9	-	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Diethylphthalate	84-66-2	50	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Dimethylphthalate	131-11-3	50	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(2.1) U	1.2 J	(1.9) U	(2) U	(0.4) U
Fluoranthene	206-44-0	100	(2.1) U	(2.2) U	(1.9) U	(2) U	0.26 J
Fluorene	86-73-7	100	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	**(2.1)** U	**(2.2)** U	**(1.9)** U	**(2)** U	(0.4) U
Hexachlorobutadiene	87-68-3	1	**(2.1)** U	**(2.2)** U	**(1.9)** U	**(2)** U	(0.4) U
Hexachlorocyclopentadiene	77-47-4	100	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Hexachloroethane	67-72-1	6	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**(2.1)** U	**(2.2)** U	**(1.9)** U	**(2)** U	0.08 J
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(2.1) U	(2.2) U	0.28 J	(2) U	(0.4) U
Nitrobenzene	98-95-3	10	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(2.1)** U	**(2.2)** U	**(1.9)** U	**(2)** U	(0.4) U
N-Nitrosodiphenylamine	86-30-6	100	(2.1) U	(2.2) U	(1.9) U	(2) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	3	(2.2) U	8.7	(2) U	0.18 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(2.1) U	3	(1.9) U	5.3	0.26 J

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	SS-12-02	SS-12-03	SS-12-07	SS-15-07	Trench S. of Bldg 24
		Lab ID	62049002	62049003	62049004	62052006	266139
		Sample Date	5/21/1996	5/21/1996	5/21/1996	5/21/1996	6/26/1997
		Depth Interval	11.5 - 12	11.5 - 12	10.5 - 11	7 - 7.5	3 - †
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
1,2-Dichlorobenzene	95-50-1	50	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
1,4-Dichlorobenzene	106-46-7	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
2,6-Dinitrotoluene	606-20-2	-	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
2-Chloronaphthalene	91-58-7	-	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
2-Nitroaniline	88-74-4	-	(2.2) U	(2.1) U	(1.8) U	(2.2) U	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
3-Nitroaniline	99-09-2	-	(2.2) U	(2.1) U	(1.8) U	(2.2) U	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
4-Nitroaniline	100-01-6	-	(2.2) U	(2.1) U	(0.18) U	(2.2) U	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	0.55
Acenaphthylene	208-96-8	-	(0.42) U	(0.41) U	0.09 J	(0.42) U	(0.05) U
Anthracene	120-12-7	100	0.2 J	0.08 J	0.14 J	(0.42) U	0.6
Benzo(a)anthracene	56-55-3	0.9	0.28 J	0.17 J	0.34 J	0.04 J	**1.4**
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.42) U	0.21 J	0.32 J	0.05 J	**1.3**
Benzo(b)fluoranthene	205-99-2	0.9	(0.42) U	0.27 J	0.57	0.05 J	**2.2**
Benzo(g,h,i)perylene	191-24-2	-	0.09 J	0.07 J	0.19 J	0.05 J	0.59
Benzo(k)fluoranthene	207-08-9	0.9	(0.42) U	0.14 J	0.15 J	(0.42) U	(0.02) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Butylbenzylphthalate	85-68-7	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Carbazole	86-74-8	-	(0.42) U	(0.41) U	0.04 J	(0.42) U	NR
Chrysene	218-01-9	9	0.58	0.24 J	0.39	0.09 J	2.2
Dibenz(a,h)anthracene	53-70-3	0.66	(0.42) U	(0.41) U	0.04 J	(0.42) U	0.29
Dibenzofuran	132-64-9	-	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Diethylphthalate	84-66-2	50	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Dimethylphthalate	131-11-3	50	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Di-n-butylphthalate	84-74-2	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Di-n-octylphthalate	117-84-0	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Fluoranthene	206-44-0	100	0.23 J	0.29 J	0.57	0.06 J	1.2
Fluorene	86-73-7	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	0.5
Hexachlorobenzene	118-74-1	0.66	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Hexachlorobutadiene	87-68-3	1	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Hexachlorocyclopentadiene	77-47-4	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Hexachloroethane	67-72-1	6	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.42) U	0.06 J	0.18 J	0.05 J	0.5
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	0.09 J
Nitrobenzene	98-95-3	10	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
N-Nitrosodiphenylamine	86-30-6	100	(0.42) U	(0.41) U	(0.35) U	(0.42) U	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.2 J	0.2 J	0.35 J	(0.42) U	3.2
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.42 J	0.32 J	0.55	0.1 J	4.8

NOTES:
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Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	10-ND31SS1	10ND1SS1	10ND3SS1	10ND17SS1	10-ND5-SS1
		Lab ID	84791009	84791001	84791002	84791003	84791004
		Sample Date	10/28/1998	10/28/1998	10/28/1998	10/28/1998	10/29/1998
		Depth Interval	2.5 - 3	3 - 3.5	2.5 - 3	2 - 2.5	1.5 - 2
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
1,2-Dichlorobenzene	95-50-1	50	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
1,4-Dichlorobenzene	106-46-7	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
2,6-Dinitrotoluene	606-20-2	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
2-Chloronaphthalene	91-58-7	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
2-Nitroaniline	88-74-4	-	(2.1) U	(2.1) U	(2.2) U	(2) U	(2.2) U
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
3-Nitroaniline	99-09-2	-	(2.1) U	(2.1) U	(2.2) U	(2) U	(2.2) U
4-Bromophenyl phenyl ether	101-55-3	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
4-Nitroaniline	100-01-6	-	(2.1) U	(2.1) U	(2.2) U	(2) U	(2.2) U
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Acenaphthylene	208-96-8	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Anthracene	120-12-7	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Benzo(a)anthracene	56-55-3	0.9	(0.12) U	(0.12) U	0.07 J	(0.12) U	0.06 J
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.12) U	(0.12) U	0.06 J	(0.12) U	0.05 J
Benzo(b)fluoranthene	205-99-2	0.9	(0.12) U	(0.12) U	0.08 J	(0.12) U	0.07 J
Benzo(g,h,i)perylene	191-24-2	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.12) U	NR J	0.09 J	(0.12) U	(0.13) U
Butylbenzylphthalate	85-68-7	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Carbazole	86-74-8	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Chrysene	218-01-9	9	0.04 J	(0.12) U	0.07 J	(0.12) U	0.05 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Dibenzofuran	132-64-9	-	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Diethylphthalate	84-66-2	50	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Dimethylphthalate	131-11-3	50	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Di-n-butylphthalate	84-74-2	100	(0.12) U	(0.12) U	0.08 J	(0.12) U	(0.13) U
Di-n-octylphthalate	117-84-0	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Fluoranthene	206-44-0	100	0.06 J	(0.12) U	0.17	(0.12) U	0.15
Fluorene	86-73-7	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Hexachlorobenzene	118-74-1	0.66	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Hexachlorobutadiene	87-68-3	1	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Hexachlorocyclopentadiene	77-47-4	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Hexachloroethane	67-72-1	6	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
Nitrobenzene	98-95-3	10	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
N-Nitrosodiphenylamine	86-30-6	100	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.13) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.07 J	(0.12) U	0.07 J	(0.12) U	(0.13) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.12) U	(0.12) U	0.12 J	(0.12) U	0.12 J

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	10-ND7-SS1	10-ND9SS1	10-ND11SS1	10-ND13SS1	10-ND15SS1
		Lab ID	8483007	84791005	84791006	84791007	84791008
		Sample Date	10/29/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998
		Depth Interval	1.5 - 2	5.5 - 6	4 - 4.5	6.5 - 7	1.5 - 2
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
1,2-Dichlorobenzene	95-50-1	50	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
1,4-Dichlorobenzene	106-46-7	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
2,6-Dinitrotoluene	606-20-2	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
2-Chloronaphthalene	91-58-7	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
2-Nitroaniline	88-74-4	-	(2) U	(2.1) U	(2) U	(2) U	(2.1) U
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
3-Nitroaniline	99-09-2	-	(2) U	(2.1) U	(2) U	(2) U	(2.1) U
4-Bromophenyl phenyl ether	101-55-3	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
4-Nitroaniline	100-01-6	-	(2) U	(2.1) U	(2) U	(2) U	(2.1) U
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Acenaphthylene	208-96-8	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Anthracene	120-12-7	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Benzo(a)anthracene	56-55-3	0.9	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Benzo(g,h,i)perylene	191-24-2	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.12) U	0.15	0.19	(0.12) U	(0.12) U
Butylbenzylphthalate	85-68-7	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Carbazole	86-74-8	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Chrysene	218-01-9	9	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Dibenzofuran	132-64-9	-	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Diethylphthalate	84-66-2	50	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Dimethylphthalate	131-11-3	50	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Di-n-butylphthalate	84-74-2	100	(0.12) U	0.07 J	(0.07) U	(0.12) U	(0.12) U
Di-n-octylphthalate	117-84-0	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Fluoranthene	206-44-0	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Fluorene	86-73-7	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Hexachlorobenzene	118-74-1	0.66	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Hexachlorobutadiene	87-68-3	1	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Hexachlorocyclopentadiene	77-47-4	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Hexachloroethane	67-72-1	6	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
Nitrobenzene	98-95-3	10	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
N-Nitrosodiphenylamine	86-30-6	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.12) U	(0.12) U	0.07 J	(0.12) U	(0.12) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.12) U

NOTES:
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Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
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N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	10-ND19SS1	10-ND21SS1	10-ND23SS1	10-ND25SS1	10-ND27SS1
		Lab ID	84791010	8483002	8483004	8483005	8483003
		Sample Date	10/29/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998
		Depth Interval	2.5 - 3	3.5 - 4	6 - 6.5	3.5 - 4	1.5 - 2
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
1,2-Dichlorobenzene	95-50-1	50	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
1,4-Dichlorobenzene	106-46-7	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
2,6-Dinitrotoluene	606-20-2	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
2-Chloronaphthalene	91-58-7	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
2-Nitroaniline	88-74-4	-	(2) U	(2.2) U	(1.9) U	(1.9) U	(2) U
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
3-Nitroaniline	99-09-2	-	(2) U	(2.2) U	(1.9) U	(1.9) U	(2) U
4-Bromophenyl phenyl ether	101-55-3	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
4-Nitroaniline	100-01-6	-	(2) U	(2.2) U	(1.9) U	(1.9) U	(2) U
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Acenaphthylene	208-96-8	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Anthracene	120-12-7	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	0.08 J
Benzo(a)anthracene	56-55-3	0.9	(0.11) U	(0.13) U	(0.11) U	(0.11) U	0.39
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.11) U	(0.13) U	0.04 J	(0.11) U	0.35
Benzo(b)fluoranthene	205-99-2	0.9	(0.11) U	(0.13) U	(0.11) U	(0.11) U	0.12 J
Benzo(g,h,i)perylene	191-24-2	-	(0.11) U	(0.13) U	0.06 J	(0.11) U	(0.12) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.11) U	(0.13) U	(0.11) U	(0.11) U	0.14
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Butylbenzylphthalate	85-68-7	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Carbazole	86-74-8	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Chrysene	218-01-9	9	(0.11) U	(0.13) U	(0.11) U	(0.11) U	0.37
Dibenz(a,h)anthracene	53-70-3	0.66	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Dibenzofuran	132-64-9	-	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Diethylphthalate	84-66-2	50	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Dimethylphthalate	131-11-3	50	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Di-n-butylphthalate	84-74-2	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Di-n-octylphthalate	117-84-0	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Fluoranthene	206-44-0	100	(0.11) U	(0.13) U	0.04 J	(0.11) U	0.92
Fluorene	86-73-7	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Hexachlorobenzene	118-74-1	0.66	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Hexachlorobutadiene	87-68-3	1	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Hexachlorocyclopentadiene	77-47-4	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Hexachloroethane	67-72-1	6	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.11) U	(0.13) U	0.06 J	(0.11) U	0.23
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
Nitrobenzene	98-95-3	10	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
N-Nitrosodiphenylamine	86-30-6	100	(0.11) U	(0.13) U	(0.11) U	(0.11) U	(0.12) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.11) U	0.13 J	(0.11) U	(0.11) U	0.08 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.11) U	0.13 J	0.04 J	(0.11) U	0.78

NOTES:
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UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	10-ND29SS1	10ND21SS1D	USTA-SS1A	USTA-SS2A	USTA-SS3A
		Lab ID	8483001	8483006	92462003	92462002	92462001
		Sample Date	10/29/1998	10/29/1998	6/16/1999	6/16/1999	6/16/1999
		Depth Interval	0.5 - 1	3.5 - 4	10 - 10.5	10 - 10.5	18 - 18.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
1,2-Dichlorobenzene	95-50-1	50	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
1,4-Dichlorobenzene	106-46-7	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	(11) U	(2.1) U	(22) U
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	(2.1) U	(0.41) U	(4.2) U
2,4-Dichlorophenol	120-83-2	10	NR	NR	(2.1) U	(0.41) U	(4.2) U
2,4-Dimethylphenol	105-67-9	10	NR	NR	(2.1) U	0.03 J	(4.2) U
2,4-Dinitrophenol	51-28-5	10	NR	NR	**(11)** U	(2.1) U	**(22)** U
2,4-Dinitrotoluene	121-14-2	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
2,6-Dinitrotoluene	606-20-2	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
2-Chloronaphthalene	91-58-7	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
2-Chlorophenol	95-57-8	10	NR	NR	(2.1) U	(0.41) U	(4.2) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	(11) U	(2.1) U	(22) U
2-Methylnaphthalene	91-57-6	-	0.05 J	(0.12) U	(0.64) U	(0.12) U	(1.3) U
2-Nitroaniline	88-74-4	-	(2.1) U	(2.1) U	(11) U	(2.1) U	(22) U
2-Nitrophenol	88-75-5	-	NR	NR	(2.1) U	(0.41) U	(4.2) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
3-Nitroaniline	99-09-2	-	(2.1) U	(2.1) U	(11) U	(2.1) U	(22) U
4-Bromophenyl phenyl ether	101-55-3	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	(0.64) U	(0.12) U	(1.3) U
4-Chloroaniline	106-47-8	230	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
4-Nitroaniline	100-01-6	-	(2.1) U	(2.1) U	(11) U	(2.1) U	(22) U
4-Nitrophenol	100-02-7	-	NR	NR	(11) U	(2.1) U	(22) U
Acenaphthene	83-32-9	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Acenaphthylene	208-96-8	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Anthracene	120-12-7	100	(0.12) U	(0.12) U	(0.64) U	0.06 J	(1.3) U
Benzo(a)anthracene	56-55-3	0.9	(0.12) U	(0.12) U	(0.64) U	0.11 J	**(1.3)** U
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.12) U	(0.12) U	(0.64) U	0.1 J	**(1.3)** U
Benzo(b)fluoranthene	205-99-2	0.9	(0.12) U	(0.12) U	(0.64) U	(0.12) U	**(1.3)** U
Benzo(g,h,i)perylene	191-24-2	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.12) U	(0.12) U	(0.64) U	(0.12) U	**(1.3)** U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.12) U	(0.12) U	(0.64) U	(0.12) U	**(1.3)** U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Butylbenzylphthalate	85-68-7	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Carbazole	86-74-8	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Chrysene	218-01-9	9	(0.12) U	(0.12) U	(0.64) U	0.14	0.62 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.12) U	(0.12) U	(0.64) U	(0.12) U	**(1.3)** U
Dibenzofuran	132-64-9	-	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Diethylphthalate	84-66-2	50	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Dimethylphthalate	131-11-3	50	(0.12) U	(0.12) U	(0.64) U	0.04 J	(1.3) U
Di-n-butylphthalate	84-74-2	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Di-n-octylphthalate	117-84-0	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Fluoranthene	206-44-0	100	(0.12) U	(0.12) U	(0.64) U	0.14	(1.3) U
Fluorene	86-73-7	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Hexachlorobenzene	118-74-1	0.66	(0.12) U	(0.12) U	(0.64) U	(0.12) U	**(1.3)** U
Hexachlorobutadiene	87-68-3	1	(0.12) U	(0.12) U	(0.64) U	(0.12) U	**(1.3)** U
Hexachlorocyclopentadiene	77-47-4	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Hexachloroethane	67-72-1	6	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	0.52 JN	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.12) U	(0.12) U	(0.64) U	(0.12) U	**(1.3)** U
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	(2.1) U	(0.41) U	(4.2) U
Naphthalene	91-20-3	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
Nitrobenzene	98-95-3	10	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.12) U	(0.12) U	(0.64) U	(0.12) U	**(1.3)** U
N-Nitrosodiphenylamine	86-30-6	100	(0.12) U	(0.12) U	(0.64) U	(0.12) U	(1.3) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	**(11)** U	(2.1) U	**(22)** U
Phenanthrene	85-01-8	-	0.06 J	(0.12) U	(0.64) U	0.09 J	0.2 J
Phenol	108-95-2	50	NR	NR	(2.1) U	0.7	(4.2) U
Pyrene	129-00-0	100	0.04 J	(0.12) U	(0.64) U	(0.12) U	(1.3) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	USTB-SS6	USTB-SS2A	USTB-SS2A1	USTB-SS2B	USTB-SS3A
		Lab ID	92462004	92474006	92474007	92474008	92474004
		Sample Date	6/16/1999	6/17/1999	6/17/1999	6/17/1999	6/17/1999
		Depth Interval	17.5 - 18	18 - 18.5	18 - 18.5	24 - 24.5	18 - 18.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
1,2-Dichlorobenzene	95-50-1	50	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
1,4-Dichlorobenzene	106-46-7	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
2,4,5-Trichlorophenol	95-95-4	50	**(50)** U	(2.1) U	(2.1) U	(2.2) U	(10) U
2,4,6-Trichlorophenol	88-06-2	10	(9.7) U	(0.41) U	(0.41) U	(0.42) U	(2) U
2,4-Dichlorophenol	120-83-2	10	(9.7) U	(0.41) U	(0.41) U	(0.42) U	(2) U
2,4-Dimethylphenol	105-67-9	10	(9.7) U	(0.41) U	(0.41) U	(0.42) U	(2) U
2,4-Dinitrophenol	51-28-5	10	**(50)** U	(2.1) U	(2.1) U	(2.2) U	**(10)** U
2,4-Dinitrotoluene	121-14-2	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
2,6-Dinitrotoluene	606-20-2	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
2-Chloronaphthalene	91-58-7	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
2-Chlorophenol	95-57-8	10	(9.7) U	(0.41) U	(0.41) U	(0.42) U	(2) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(50) U	(2.1) U	(2.1) U	(2.2) U	(10) U
2-Methylnaphthalene	91-57-6	-	1.3 J	0.15	0.13	0.16	(0.62) U
2-Nitroaniline	88-74-4	-	(50) U	(2.1) U	(2.1) U	(2.2) U	(10) U
2-Nitrophenol	88-75-5	-	(9.7) U	(0.41) U	(0.41) U	(0.42) U	(2) U
3,3'-Dichlorobenzidine	91-94-1	2	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
3-Nitroaniline	99-09-2	-	(50) U	(2.1) U	(2.1) U	(2.2) U	(10) U
4-Bromophenyl phenyl ether	101-55-3	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
4-Chloro-3-methylphenol	59-50-7	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
4-Chloroaniline	106-47-8	230	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
4-Nitroaniline	100-01-6	-	(50) U	(2.1) U	(2.1) U	(2.2) U	(10) U
4-Nitrophenol	100-02-7	-	(50) U	(2.1) U	(2.1) U	(2.2) U	(10) U
Acenaphthene	83-32-9	100	(2.9) U	0.27	0.29	0.08 J	(0.62) U
Acenaphthylene	208-96-8	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Anthracene	120-12-7	100	(2.9) U	0.37	0.37	0.07 J	(0.62) U
Benzo(a)anthracene	56-55-3	0.9	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	**2.6** J	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Benzo(b)fluoranthene	205-99-2	0.9	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Benzo(g,h,i)perylene	191-24-2	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Benzo(k)fluoranthene	207-08-9	0.9	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Butylbenzylphthalate	85-68-7	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Carbazole	86-74-8	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Chrysene	218-01-9	9	**13**	0.2	0.2	(0.13) U	1.1
Dibenz(a,h)anthracene	53-70-3	0.66	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Dibenzofuran	132-64-9	-	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Diethylphthalate	84-66-2	50	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Dimethylphthalate	131-11-3	50	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Di-n-butylphthalate	84-74-2	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Di-n-octylphthalate	117-84-0	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Fluoranthene	206-44-0	100	(2.9) U	0.07 J	0.06 J	(0.13) U	(0.62) U
Fluorene	86-73-7	100	1.9 J	0.49	0.61	0.14	(0.62) U
Hexachlorobenzene	118-74-1	0.66	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Hexachlorobutadiene	87-68-3	1	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Hexachlorocyclopentadiene	77-47-4	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Hexachloroethane	67-72-1	6	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	(9.7) U	(0.41) U	(0.41) U	(0.42) U	(2) U
Naphthalene	91-20-3	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
Nitrobenzene	98-95-3	10	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(2.9)** U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
N-Nitrosodiphenylamine	86-30-6	100	(2.9) U	(0.12) U	(0.12) U	(0.13) U	(0.62) U
o-cresol	95-48-7	1000	NR	(0.41) U	(0.41) U	(0.42) U	(2) U
Pentachlorophenol	87-86-5	6	**(50)** U	(2.1) U	(2.1) U	(2.2) U	**(10)** U
Phenanthrene	85-01-8	-	7	1.8	1.8	0.42	0.36 J
Phenol	108-95-2	50	(9.7) U	(0.41) U	(0.41) U	(0.42) U	(2) U
Pyrene	129-00-0	100	(2.9) U	0.2	0.25	0.04 J	0.28 J

NOTES:
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Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	USTB-SS3B	USTB-SS4A	USTB-SS4B	USTB-SS5A
		Lab ID	92474005	92474002	92474003	92474001
		Sample Date	6/17/1999	6/17/1999	6/17/1999	6/17/1999
		Depth Interval	24 - 24.5	18 - 18.5	21.5 - 22	18.5 - 19
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(0.13) U	(0.12) U	(0.12) U	(1.2) U
1,2-Dichlorobenzene	95-50-1	50	(0.13) U	(0.12) U	(0.12) U	(1.2) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
1,4-Dichlorobenzene	106-46-7	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
2,4,5-Trichlorophenol	95-95-4	50	(2.2) U	(2) U	(2) U	(21) U
2,4,6-Trichlorophenol	88-06-2	10	(0.43) U	(0.39) U	(0.38) U	(4) U
2,4-Dichlorophenol	120-83-2	10	(0.43) U	(0.39) U	(0.38) U	(4) U
2,4-Dimethylphenol	105-67-9	10	(0.43) U	(0.39) U	(0.38) U	(4) U
2,4-Dinitrophenol	51-28-5	10	(2.2) U	(2) U	(2) U	**(21)** U
2,4-Dinitrotoluene	121-14-2	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
2,6-Dinitrotoluene	606-20-2	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
2-Chloronaphthalene	91-58-7	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
2-Chlorophenol	95-57-8	10	(0.43) U	(0.39) U	(0.38) U	(4) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(2.2) U	(2) U	(2) U	(21) U
2-Methylnaphthalene	91-57-6	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
2-Nitroaniline	88-74-4	-	(2.2) U	(2) U	(2) U	(21) U
2-Nitrophenol	88-75-5	-	(0.43) U	(0.39) U	(0.38) U	(4) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.13) U	(0.12) U	(0.12) U	(1.2) U
3-Nitroaniline	99-09-2	-	(2.2) U	(2) U	(2) U	(21) U
4-Bromophenyl phenyl ether	101-55-3	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
4-Chloro-3-methylphenol	59-50-7	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
4-Chloroaniline	106-47-8	230	(0.13) U	(0.12) U	(0.12) U	(1.2) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
4-Nitroaniline	100-01-6	-	(2.2) U	(2) U	(2) U	(21) U
4-Nitrophenol	100-02-7	-	(2.2) U	(2) U	(2) U	(21) U
Acenaphthene	83-32-9	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Acenaphthylene	208-96-8	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Anthracene	120-12-7	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Benzo(a)anthracene	56-55-3	0.9	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
Benzo(b)fluoranthene	205-99-2	0.9	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
Benzo(g,h,i)perylene	191-24-2	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.13) U	(0.12) U	(0.12) U	(1.2) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Butylbenzylphthalate	85-68-7	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Carbazole	86-74-8	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Chrysene	218-01-9	9	(0.13) U	0.06 J	0.07 J	0.49 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
Dibenzofuran	132-64-9	-	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Diethylphthalate	84-66-2	50	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Dimethylphthalate	131-11-3	50	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Di-n-butylphthalate	84-74-2	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Di-n-octylphthalate	117-84-0	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Fluoranthene	206-44-0	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Fluorene	86-73-7	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Hexachlorobenzene	118-74-1	0.66	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
Hexachlorobutadiene	87-68-3	1	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
Hexachlorocyclopentadiene	77-47-4	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Hexachloroethane	67-72-1	6	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	(0.43) U	(0.39) U	(0.38) U	(4) U
Naphthalene	91-20-3	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
Nitrobenzene	98-95-3	10	(0.13) U	(0.12) U	(0.12) U	(1.2) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.13) U	(0.12) U	(0.12) U	**(1.2)** U
N-Nitrosodiphenylamine	86-30-6	100	(0.13) U	(0.12) U	(0.12) U	(1.2) U
o-cresol	95-48-7	1000	(0.43) U	(0.39) U	(0.38) U	(4) U
Pentachlorophenol	87-86-5	6	(2.2) U	(2) U	(2) U	**(21)** U
Phenanthrene	85-01-8	-	(0.13) U	0.04 J	0.04 J	(1.2) U
Phenol	108-95-2	50	(0.43) U	(0.39) U	(0.38) U	(4) U
Pyrene	129-00-0	100	(0.13) U	(0.12) U	0.08 J	0.58 J

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NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A23-1	A23-2	A23-3	A23-4	A23-4A
		Lab ID	357425	357426	357427	357428	357429
		Sample Date	6/19/2002	6/19/2002	6/19/2002	6/19/2002	6/19/2002
		Depth Interval	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	NR	NR	NR	NR	NR
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.01 J	0.05 J	0.02 J	0.01 J	(0.38) U
Acenaphthylene	208-96-8	-	0.1 J	1.2	0.05	0.01 J	0.02 J
Anthracene	120-12-7	100	0.09 J	1.3	0.07	0.03 J	0.02 J
Benzo(a)anthracene	56-55-3	0.9	0.62	**5**	0.63	0.22	0.19
Benzidine	92-87-5	-	NR	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	0.61	**3.9**	**0.75**	0.23	0.19
Benzo(b)fluoranthene	205-99-2	0.9	0.89	**6.6**	**1.5**	0.54	0.45
Benzo(g,h,i)perylene	191-24-2	-	0.36 J	1.2	0.65	0.25 J	0.21 J
Benzo(k)fluoranthene	207-08-9	0.9	0.35	**2.4**	0.54 J	0.17	0.17
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.75	5.8	0.97	0.36 J	0.3 J
Dibenz(a,h)anthracene	53-70-3	0.66	0.11	0.52	0.2	0.08	0.07
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR	NR
Fluoranthene	206-44-0	100	0.84	4	0.96	0.36 J	0.28 J
Fluorene	86-73-7	100	0.02 J	0.15 J	0.02	0.01 J	0.01 J
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.38	**1.6**	0.69 J	0.28	0.22
Isophorone	78-59-1	50	NR	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.02 J	0.03 J	0.03 J	0.02 J	0.01 J
Nitrobenzene	98-95-3	10	NR	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.2 J	0.6	0.33 J	0.17 J	0.11 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.95	5.6	0.88 J	0.32 J	0.24 J

NOTES:
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D - Indicates compound identified in an analysis at a secondary dilution factor.
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N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A34-1	A34-2	A34-3	3D-5	3C-3A
		Lab ID	357431	357432	357433	394524	394795
		Sample Date	6/19/2002	6/19/2002	6/19/2002	12/3/2002	12/4/2002
		Depth Interval	0.3 - 0.8	0.5 - 1	1 - 1.5	1 - 1.5	0 - 0.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	(0.03) U	0.38
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	(0.36) U	(1.8) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	(0.36) U	(1.8) U
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	(0.36) U	(1.8) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	(0.07) U	(0.36) U
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	(0.07) U	(0.36) U
2-Chloronaphthalene	91-58-7	-	NR	NR	NR	(0.36) U	(1.8) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	(0.71) U	**(3.6)** U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	(0.36) U	(1.8) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	(0.36) U	(1.8) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.01 J	(0.4) U	(0.4) U	(0.36) U	0.43 J
Acenaphthylene	208-96-8	-	0.02 J	(0.4) U	(0.4) U	(0.36) U	0.08 J
Anthracene	120-12-7	100	0.04 J	0.02 J	0.02 J	(0.36) U	0.99 J
Benzo(a)anthracene	56-55-3	0.9	0.62	0.06	0.07	0.22	**12**
Benzidine	92-87-5	-	NR	NR	NR	(1.4) U	(7.3) U
Benzo(a)pyrene	50-32-8	0.66	**0.68**	0.05	0.06	0.22	**14**
Benzo(b)fluoranthene	205-99-2	0.9	**1.5**	0.07	0.09	0.49	**29**
Benzo(g,h,i)perylene	191-24-2	-	0.89	0.04 J	0.06 J	0.3 J	13
Benzo(k)fluoranthene	207-08-9	0.9	0.52	0.03 J	0.03 J	0.18	**10**
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	(0.36) U	(1.8) U
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	(0.03) U	(0.18) U
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	(0.36) U	(1.8) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	(0.36) U	(1.8) U
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	(0.36) U	(1.8) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.99	0.06 J	0.08 J	0.32 J	**17**
Dibenz(a,h)anthracene	53-70-3	0.66	0.29	(0.04) U	0.02 J	0.12	**4.2**
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	(0.36) U	(1.8) U
Dimethylphthalate	131-11-3	50	NR	NR	NR	(0.36) U	(1.8) U
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	(0.36) U	(1.8) U
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	(0.36) U	(1.8) U
Fluoranthene	206-44-0	100	0.79	0.11 J	0.13 J	0.19 J	14
Fluorene	86-73-7	100	0.01 J	(0.4) U	0.4 U	(0.36) U	0.22 J
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	(0.03) U	(0.18) U
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	(0.07) U	(0.36) U
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	(0.36) U	(1.8) U
Hexachloroethane	67-72-1	6	NR	NR	NR	(0.03) U	(0.18) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**0.96**	0.04	0.06	0.28	**15**
Isophorone	78-59-1	50	NR	NR	NR	(0.36) U	(1.8) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.02 J	(0.4) U	(0.4) U	(0.36) U	0.49 J
Nitrobenzene	98-95-3	10	NR	NR	NR	(0.03) U	(0.18) U
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	(0.36) U	(1.8) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	(0.03) U	(0.18) U
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	(0.36) U	(1.8) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.25 J	0.09 J	0.09 J	0.09 J	6.4
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.7	0.1 J	0.12 J	0.22 J	13

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	3C-5A	3D-2A	3D-3A	3D-7A	3D-9
		Lab ID	394798	394792	394773	394776	394788
		Sample Date	12/4/2002	12/4/2002	12/4/2002	12/4/2002	12/4/2002
		Depth Interval	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	1.5 - 2
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.03) U	(0.04) U	(0.07) U	(0.03) U	(0.03) U
1,2-Dichlorobenzene	95-50-1	50	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
1,4-Dichlorobenzene	106-46-7	100	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.07) U	(0.08) U	(0.14) U	(0.07) U	(0.07) U
2,6-Dinitrotoluene	606-20-2	-	(0.07) U	(0.08) U	(0.14) U	(0.07) U	(0.07) U
2-Chloronaphthalene	91-58-7	-	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.77) U	(0.83) U	(1.4) U	(0.76) U	(0.76) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.38) U	0.04 J	0.03 J	0.03 J	0.02 J
Acenaphthylene	208-96-8	-	0.04 J	0.53	0.12 J	0.44	0.27 J
Anthracene	120-12-7	100	0.04 J	0.34 J	0.19 J	0.36 J	0.16 J
Benzo(a)anthracene	56-55-3	0.9	0.12	0.88	**2.3**	0.87	0.6
Benzidine	92-87-5	-	(1.5) U	(1.7) U	(2.9) U	(1.5) U	(1.5) U
Benzo(a)pyrene	50-32-8	0.66	0.13	**1**	**2.8**	**1**	0.63
Benzo(b)fluoranthene	205-99-2	0.9	0.15	**2**	**10**	**2.6**	**1.3**
Benzo(g,h,i)perylene	191-24-2	-	0.07 J	0.73	2.3	0.61	0.51
Benzo(k)fluoranthene	207-08-9	0.9	0.07	0.73	**3.6**	**0.91**	0.5
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.03) U	(0.04) U	(0.07) U	(0.03) U	(0.03) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.22 J	0.17 J	0.2 J	0.18 J	0.28 J
Butylbenzylphthalate	85-68-7	100	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
Carbazole	86-74-8	-	NR	0.48	NR	NR	NR
Chrysene	218-01-9	9	0.14 J	1.3	5	1.5	0.97
Dibenz(a,h)anthracene	53-70-3	0.66	(0.03) U	0.22	**0.9**	0.2	0.15
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
Dimethylphthalate	131-11-3	50	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
Di-n-butylphthalate	84-74-2	100	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
Di-n-octylphthalate	117-84-0	100	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
Fluoranthene	206-44-0	100	0.22 J	1.4	3.5	1.8	1.1
Fluorene	86-73-7	100	0.01 J	0.06 J	0.02 J	0.03 J	0.02 J
Hexachlorobenzene	118-74-1	0.66	(0.03) U	(0.04) U	(0.07) U	(0.03) U	(0.03) U
Hexachlorobutadiene	87-68-3	1	(0.07) U	(0.08) U	(0.14) U	(0.07) U	(0.07) U
Hexachlorocyclopentadiene	77-47-4	100	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
Hexachloroethane	67-72-1	6	(0.03) U	(0.04) U	(0.07) U	(0.03) U	(0.03) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.07	0.76	**2.6**	0.72	0.52
Isophorone	78-59-1	50	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.02 J	0.08 J	0.21 J	0.04 J	0.11 J
Nitrobenzene	98-95-3	10	(0.03) U	(0.04) U	(0.07) U	(0.03) U	(0.03) U
N-Nitrosodimethylamine	62-75-9	-	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.03) U	(0.04) U	(0.07) U	(0.03) U	(0.03) U
N-Nitrosodiphenylamine	86-30-6	100	(0.38) U	(0.42) U	(0.72) U	(0.38) U	(0.38) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.17 J	0.69	1.8	0.58	0.71
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.22 J	1.4	2.7	1.8	1

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	3D-12A	3D-13A	3D-15A	3C-2_0-.5	3C-7_1-1.5
		Lab ID	394785	394782	394779	395535	395538
		Sample Date	12/4/2002	12/4/2002	12/4/2002	12/6/2002	12/6/2002
		Depth Interval	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	1 - 1.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.45) U	(0.37) U	0.01 J	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.9) U	(0.73) U	(0.09) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.9) U	(0.73) U	(0.09) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	**(9)** U	**(7.3)** U	(0.98) U	(0.82) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.08 J	0.28 J	2.7 J	0.28 J	(0.41) U
Acenaphthylene	208-96-8	-	0.42	24	13	0.13 J	0.06 J
Anthracene	120-12-7	100	0.33 J	10	15	0.49 J	0.03 J
Benzo(a)anthracene	56-55-3	0.9	**1**	**34**	**31**	**2.4**	0.12
Benzidine	92-87-5	-	(1.6) U	(18) U	(15) U	(2) U	(1.6) U
Benzo(a)pyrene	50-32-8	0.66	**1**	**40**	**24**	**2.7**	0.12
Benzo(b)fluoranthene	205-99-2	0.9	**2**	**53**	**32**	**4.9**	0.2
Benzo(g,h,i)perylene	191-24-2	-	0.44	13	10	1.2	0.1 J
Benzo(k)fluoranthene	207-08-9	0.9	0.73	**21**	**13**	**2.1**	0.07
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.45) U	(0.37) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.27 J	(4.5) U	(3.7) U	0.28 J	0.11 J
Butylbenzylphthalate	85-68-7	100	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	1.6	**35**	**31**	3.3	0.17 J
Dibenz(a,h)anthracene	53-70-3	0.66	0.15	**5.4**	**3.5**	0.45	0.03 J
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
Fluoranthene	206-44-0	100	1.9	34	61	4.1	0.16 J
Fluorene	86-73-7	100	0.1 J	1 J	7.5	0.19 J	(0.41) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.45) U	(0.37) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.9) U	(0.73) U	(0.09) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.45) U	(0.37) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.51	**19**	**13**	**1.3**	0.09
Isophorone	78-59-1	50	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.38 J	0.42 J	3.9	0.11 J	0.07 J
Nitrobenzene	98-95-3	10	(0.04) U	(0.45) U	(0.37) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.45) U	(0.37) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(4.5) U	(3.7) U	(0.49) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	1.7	1.8 J	43	2.7	0.13 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	1.9	47	58	4	0.14 J

NOTES:
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CAS-RN = Chemical Abstract Service Registry Number.
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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	3C-11_0-0.5	3C-13_0-.5	3C-15_0-.5	3C-17_2-2.5	3C-19_2-2.5
		Lab ID	395540	395548	395545	395553	395551
		Sample Date	12/6/2002	12/6/2002	12/6/2002	12/6/2002	12/6/2002
		Depth Interval	0 - 0.5	0 - 0.5	0 - 0.5	2 - 2.5	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.83) U	(0.81) U	(0.8) U	(0.82) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.01 J	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Acenaphthylene	208-96-8	-	0.03 J	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Anthracene	120-12-7	100	0.03 J	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Benzo(a)anthracene	56-55-3	0.9	0.21	(0.04) U	0.04 J	0.02 J	(0.04) U
Benzidine	92-87-5	-	(1.6) U	(1.6) U	(1.6) U	(1.6) U	(1.6) U
Benzo(a)pyrene	50-32-8	0.66	0.22	(0.04) U	0.04 J	0.01 J	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	0.4	0.01 J	0.06	0.02 J	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	0.18 J	(0.41) U	0.03 J	0.01 J	(0.41) U
Benzo(k)fluoranthene	207-08-9	0.9	0.16	(0.04) U	0.02 J	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.1 J	0.1 J	0.15 J	0.13 J	0.08 J
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.32 J	(0.41) U	0.05 J	0.02 J	(0.41) U
Dibenz(a,h)anthracene	53-70-3	0.66	0.06	(0.04) U	0.01 J	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Fluoranthene	206-44-0	100	0.39 J	(0.41) U	0.06 J	0.02 J	(0.41) U
Fluorene	86-73-7	100	0.01 J	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.16	(0.04) U	0.03 J	0.01 J	(0.04) U
Isophorone	78-59-1	50	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.02 J	(0.41) U	(0.4) U	(0.4) U	(0.41) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.4) U	(0.41) U	(0.4) U	(0.4) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.2 J	(0.41) U	0.03 J	0.01 J	(0.41) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.31 J	(0.41) U	0.05 J	0.02 J	(0.41) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	3C-9_0-.5	3C-21_0-0.5	3C-23_0-.5	3C-25_0-.5	3C-27_0-.5
		Lab ID	396002	395990	395996	395999	395993
		Sample Date	12/9/2002	12/9/2002	12/9/2002	12/9/2002	12/9/2002
		Depth Interval	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.03) U
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.07) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.07) U
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.8) U	(0.81) U	(0.81) U	(0.81) U	(0.78) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Acenaphthylene	208-96-8	-	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Anthracene	120-12-7	100	(0.4) U	0.02 J	0.02 J	(0.4) U	(0.39) U
Benzo(a)anthracene	56-55-3	0.9	(0.04) U	0.1	0.13	0.04	0.04
Benzidine	92-87-5	-	(1.6) U	(1.6) U	(1.6) U	(1.6) U	(1.6) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	0.1	0.15	0.03 J	0.04
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	0.16	0.28	0.05	0.08
Benzo(g,h,i)perylene	191-24-2	-	(0.4) U	0.08 J	0.13 J	(0.4) U	0.03 J
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	0.07	0.1	0.02 J	0.02 J
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.03) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.4) U	0.11 J	0.22 J	0.04 J	0.05 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	0.03 J	(0.04) U	(0.04) U	(0.03) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Dimethylphthalate	131-11-3	50	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Fluoranthene	206-44-0	100	(0.4) U	0.15 J	0.15 J	0.04 J	0.06 J
Fluorene	86-73-7	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.03) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.07) U
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.03) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	0.09	0.13	(0.04) U	0.03 J
Isophorone	78-59-1	50	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.03) U
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.03) U
N-Nitrosodiphenylamine	86-30-6	100	(0.4) U	(0.41) U	(0.41) U	(0.4) U	(0.39) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.4) U	0.09 J	0.09 J	0.02 J	0.04 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.4) U	0.19 J	0.2 J	0.04 J	0.08 J

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-16 (2.0-2.5)	16-17 (2.0-2.5)	16-18 (2.0-2.5)	16-31 (4.0-4.5)	16-32 (2.0-2.5)
		Lab ID	229993-005	229993-006	229993-003	229993-002	229993-001
		Sample Date	10/27/2003	10/27/2003	10/27/2003	10/27/2003	10/27/2003
		Depth Interval	2 - 2.5	2 - 2.5	2 - 2.5	4 - 4.5	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
1,2-Diphenylhydrazine	122-66-7	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
2,6-Dinitrotoluene	606-20-2	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Acenaphthylene	208-96-8	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Anthracene	120-12-7	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Benzo(a)anthracene	56-55-3	0.9	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Benzidine	92-87-5	-	(3.2) U	(3.3) U	(3.6) U	(3.3) U	(3.8) U
Benzo(a)pyrene	50-32-8	0.66	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Benzo(g,h,i)perylene	191-24-2	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Dimethylphthalate	131-11-3	50	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Fluoranthene	206-44-0	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Fluorene	86-73-7	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Hexachlorobenzene	118-74-1	0.66	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Hexachlorobutadiene	87-68-3	1	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Hexachloroethane	67-72-1	6	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Isophorone	78-59-1	50	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Nitrobenzene	98-95-3	10	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
N-Nitrosodiphenylamine	86-30-6	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.4) U	(0.41) U	(0.45) U	(0.42) U	(0.47) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-10 (2.0-2.5)	16-19 (4.0-4.5)	16-21 (4.0-4.5)	16-22 (4.0-4.5)	16-23 (6.0-6.5)
		Lab ID	229993-012	229993-008	229993-009	229993-010	229993-011
		Sample Date	10/28/2003	10/28/2003	10/28/2003	10/28/2003	10/28/2003
		Depth Interval	2 - 2.5	4 - 4.5	4 - 4.5	4 - 4.5	6 - 6.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
1,2-Diphenylhydrazine	122-66-7	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
2,6-Dinitrotoluene	606-20-2	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Acenaphthylene	208-96-8	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Anthracene	120-12-7	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Benzo(a)anthracene	56-55-3	0.9	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Benzidine	92-87-5	-	(3.3) U	(3) U	(3.1) U	(3.3) U	(3.5) U
Benzo(a)pyrene	50-32-8	0.66	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.41) U	(0.37) U	0.44	0.12 J	(0.43) U
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Fluoranthene	206-44-0	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Fluorene	86-73-7	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Hexachlorobenzene	118-74-1	0.66	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Hexachlorobutadiene	87-68-3	1	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Hexachloroethane	67-72-1	6	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Isophorone	78-59-1	50	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Nitrobenzene	98-95-3	10	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.41) U	(0.37) U	(0.39) U	(0.41) U	(0.43) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-27 (2.0-2.5)	16-12 (2.0-2.5)	16-12P (2.0-2.5)	16-13 (4.0-4.5)	16-14 (2.0-2.5)
		Lab ID	229993-013	230055-003	230055-004	230055-005	230055-006
		Sample Date	10/28/2003	10/29/2003	10/29/2003	10/29/2003	10/29/2003
		Depth Interval	2 - 2.5	2 - 2.5	2 - 2.5	4 - 4.5	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
1,2-Dichlorobenzene	95-50-1	50	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
1,3-Dichlorobenzene	541-73-1	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
2,6-Dinitrotoluene	606-20-2	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
2-Chloronaphthalene	91-58-7	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Acenaphthylene	208-96-8	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Anthracene	120-12-7	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Benzo(a)anthracene	56-55-3	0.9	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Benzidine	92-87-5	-	(3.5) U	(3.4) U	(3.3) U	(3.4) U	(3.2) U
Benzo(a)pyrene	50-32-8	0.66	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Benzo(g,h,i)perylene	191-24-2	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Butylbenzylphthalate	85-68-7	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Dimethylphthalate	131-11-3	50	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Fluoranthene	206-44-0	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Fluorene	86-73-7	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Hexachlorobutadiene	87-68-3	1	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Hexachlorocyclopentadiene	77-47-4	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Hexachloroethane	67-72-1	6	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Isophorone	78-59-1	50	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Nitrobenzene	98-95-3	10	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
N-Nitrosodimethylamine	62-75-9	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
N-Nitrosodiphenylamine	86-30-6	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.43) U	(0.42) U	(0.42) U	(0.42) U	(0.4) U

NOTES:
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B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-15 (2.0-2.5)	16-20 (2.0-2.5)	16-26 (2.0-2.5)	16-4 (2.0-2.5)	16-5 (2.0-2.5)
		Lab ID	230055-007	230055-002	230055-001	230110-007	230110-006
		Sample Date	10/29/2003	10/29/2003	10/29/2003	10/30/2003	10/30/2003
		Depth Interval	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
2,6-Dinitrotoluene	606-20-2	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Acenaphthylene	208-96-8	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Anthracene	120-12-7	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Benzo(a)anthracene	56-55-3	0.9	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Benzidine	92-87-5	-	(3.3) U	(3.5) U	(3.5) U	(3.3) U	(3.2) U
Benzo(a)pyrene	50-32-8	0.66	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Fluoranthene	206-44-0	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Fluorene	86-73-7	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Hexachlorobutadiene	87-68-3	1	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Hexachloroethane	67-72-1	6	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Isophorone	78-59-1	50	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Nitrobenzene	98-95-3	10	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.41) U	(0.44) U	(0.44) U	(0.41) U	(0.4) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-6 (2.0-2.5)	16-7 (2.0-2.5)	16-28 (2.0-2.5)	16-30 (2.0-2.5)	16-1 (2.0-2.5)
		Lab ID	230110-005	230110-004	230110-003	230110-001	230156-005
		Sample Date	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/31/2003
		Depth Interval	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
1,2-Dichlorobenzene	95-50-1	50	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
1,3-Dichlorobenzene	541-73-1	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
2,6-Dinitrotoluene	606-20-2	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
2-Chloronaphthalene	91-58-7	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Acenaphthylene	208-96-8	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Anthracene	120-12-7	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Benzo(a)anthracene	56-55-3	0.9	(0.49) U	0.074 J	(0.41) U	(0.4) U	(0.4) U
Benzidine	92-87-5	-	(3.9) U	(3.4) U	(3.3) U	(3.2) U	(3.2) U
Benzo(a)pyrene	50-32-8	0.66	(0.49) U	0.042 J	(0.41) U	(0.4) U	(0.4) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.49) U	0.06 J	(0.41) U	(0.4) U	(0.4) U
Benzo(g,h,i)perylene	191-24-2	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.49) U	0.087 J	(0.41) U	(0.4) U	0.077 J
Butylbenzylphthalate	85-68-7	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.49) U	0.088 J	(0.41) U	(0.4) U	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Dimethylphthalate	131-11-3	50	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Fluoranthene	206-44-0	100	(0.49) U	0.21 J	(0.41) U	(0.4) U	(0.4) U
Fluorene	86-73-7	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Hexachlorobutadiene	87-68-3	1	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Hexachlorocyclopentadiene	77-47-4	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Hexachloroethane	67-72-1	6	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Isophorone	78-59-1	50	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
Nitrobenzene	98-95-3	10	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
N-Nitrosodimethylamine	62-75-9	-	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
N-Nitrosodiphenylamine	86-30-6	100	(0.49) U	(0.42) U	(0.41) U	(0.4) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.49) U	0.2 J	(0.41) U	(0.4) U	(0.4) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.49) U	0.19 J	(0.41) U	(0.4) U	(0.4) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-2 (2.0-2.5)	16-3 (2.0-2.5)	16-8 (2.0-2.5)	16-9 (2.0-2.5)	16-29 (3.0-3.5)
		Lab ID	230156-004	230156-002	230156-006	230156-007	230156-001
		Sample Date	10/31/2003	10/31/2003	10/31/2003	10/31/2003	10/31/2003
		Depth Interval	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	3 - 3.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.35) U	(0.41) U	(NR) U	(0.4) U	(0.4) U
1,2-Dichlorobenzene	95-50-1	50	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
1,3-Dichlorobenzene	541-73-1	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
2,6-Dinitrotoluene	606-20-2	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
2-Chloronaphthalene	91-58-7	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Acenaphthylene	208-96-8	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Anthracene	120-12-7	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Benzo(a)anthracene	56-55-3	0.9	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Benzidine	92-87-5	-	(2.8) U	(3.3) U	(3.3) U	(3.2) U	(3.2) U
Benzo(a)pyrene	50-32-8	0.66	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Benzo(g,h,i)perylene	191-24-2	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.35) U	(NR) U	(0.41) U	(0.4) U	(0.4) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.35) U	(0.41) U	0.11 J	(0.4) U	(0.4) U
Butylbenzylphthalate	85-68-7	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Dimethylphthalate	131-11-3	50	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Fluoranthene	206-44-0	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	0.05 J
Fluorene	86-73-7	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Hexachlorobutadiene	87-68-3	1	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Hexachlorocyclopentadiene	77-47-4	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Hexachloroethane	67-72-1	6	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Isophorone	78-59-1	50	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Nitrobenzene	98-95-3	10	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
N-Nitrosodimethylamine	62-75-9	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
N-Nitrosodiphenylamine	86-30-6	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.35) U	(0.41) U	(0.41) U	(0.4) U	(0.4) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.35) U	(0.41) U	(0.41) U	(0.4) U	0.049 J

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-24 (2.0-2.5)	16-25 (2.0-2.5)	16-25P (2.0-2.5)	B-16-1 (12.5-13.0)
		Lab ID	230207-001	230207-002	230207-003	230210-001
		Sample Date	11/3/2003	11/3/2003	11/3/2003	11/3/2003
		Depth Interval	2 - 2.5	2 - 2.5	2 - 2.5	12.5 - 13
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(0.4) U	(0.44) U	(0.43) U	(0.4) U
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.44) U	(0.43) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	(0.99) U
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	(0.4) U
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	(0.4) U
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	(0.4) U
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	(0.99) U
2,4-Dinitrotoluene	121-14-2	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
2,6-Dinitrotoluene	606-20-2	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	(0.4) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	(0.99) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	(0.4) U
2-Nitroaniline	88-74-4	-	NR	NR	NR	(0.99) U
2-Nitrophenol	88-75-5	-	NR	NR	NR	(0.4) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.4) U	(0.44) U	(0.43) U	(0.4) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	(0.99) U
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	(0.4) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	(0.4) U
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	(0.99) U
4-Nitrophenol	100-02-7	-	NR	NR	NR	(0.99) U
Acenaphthene	83-32-9	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Acenaphthylene	208-96-8	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Anthracene	120-12-7	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Benzo(a)anthracene	56-55-3	0.9	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Benzidine	92-87-5	-	(3.2) U	(3.5) U	(3.4) U	(3.2) U
Benzo(a)pyrene	50-32-8	0.66	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Benzo(g,h,i)perylene	191-24-2	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	(0.4) U
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.4) U	(0.44) U	(0.43) U	(0.4) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.44) U	(0.43) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.18 J	(0.44) U	0.08 J	(0.4) U
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	(0.4) U
Diethylphthalate	84-66-2	50	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Dimethylphthalate	131-11-3	50	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Fluoranthene	206-44-0	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Fluorene	86-73-7	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Hexachlorobutadiene	87-68-3	1	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Hexachloroethane	67-72-1	6	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Isophorone	78-59-1	50	(0.4) U	(0.44) U	(0.43) U	(0.4) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	(0.4) U
Naphthalene	91-20-3	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Nitrobenzene	98-95-3	10	(0.4) U	(0.44) U	(0.43) U	(0.4) U
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.4) U	(0.44) U	(0.43) U	(0.4) U
N-Nitrosodiphenylamine	86-30-6	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	(0.4) U
Pentachlorophenol	87-86-5	6	NR	NR	NR	(0.99) U
Phenanthrene	85-01-8	-	(0.4) U	(0.44) U	(0.43) U	(0.4) U
Phenol	108-95-2	50	NR	NR	NR	(0.4) U
Pyrene	129-00-0	100	(0.4) U	(0.44) U	(0.43) U	(0.4) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B-16-2 (12.5-13.0)	B-16-3 (26.5-27.0)	B-16-4 (26.5-27.0)	B-16-4 (26.5-27.0)
		Lab ID	230210-002	230210-003	230210-004	230210-004RA
		Sample Date	11/3/2003	11/3/2003	11/3/2003	11/3/2003
		Depth Interval	12.5 - 13	26.5 - 27	26.5 - 27	26.5 - 27
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(0.39) U	(0.41) U	(0.4) U	0.4 URE
1,2-Dichlorobenzene	95-50-1	50	(0.39) U	(0.41) U	(0.4) U	1.4 URE
1,2-Diphenylhydrazine	122-66-7	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
1,3-Dichlorobenzene	541-73-1	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
1,4-Dichlorobenzene	106-46-7	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
2,4,5-Trichlorophenol	95-95-4	50	(0.99) U	(1) U	(0.99) U	0.99 URE
2,4,6-Trichlorophenol	88-06-2	10	(0.39) U	(0.41) U	(0.4) U	0.4 URE
2,4-Dichlorophenol	120-83-2	10	(0.39) U	(0.41) U	(0.4) U	0.4 URE
2,4-Dimethylphenol	105-67-9	10	(0.39) U	(0.41) U	(0.4) U	0.4 URE
2,4-Dinitrophenol	51-28-5	10	(0.99) U	(1) U	(0.99) U	0.99 URE
2,4-Dinitrotoluene	121-14-2	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
2,6-Dinitrotoluene	606-20-2	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
2-Chloronaphthalene	91-58-7	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
2-Chlorophenol	95-57-8	10	(0.39) U	(0.41) U	(0.4) U	0.4 URE
2-Methyl-4,6-dinitrophenol	534-52-1	-	(0.99) U	(1) U	(0.99) U	0.99 URE
2-Methylnaphthalene	91-57-6	-	(0.39) U	0.11 J	1.5	1.5
2-Nitroaniline	88-74-4	-	(0.99) U	(1) U	(0.99) U	0.99 URE
2-Nitrophenol	88-75-5	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
3,3'-Dichlorobenzidine	91-94-1	2	(0.39) U	(0.41) U	(0.4) U	0.4 URE
3-Nitroaniline	99-09-2	-	(0.99) U	(1) U	(0.99) U	0.99 URE
4-Bromophenyl phenyl ether	101-55-3	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
4-Chloro-3-methylphenol	59-50-7	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
4-Chloroaniline	106-47-8	230	(0.39) U	(0.41) U	(0.4) U	0.4 URE
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
4-Nitroaniline	100-01-6	-	(0.99) U	(1) U	(0.99) U	0.99 URE
4-Nitrophenol	100-02-7	-	(0.99) U	(1) U	(0.99) U	0.99 URE
Acenaphthene	83-32-9	100	(0.39) U	(0.41) U	0.071 J	0.064 JRE
Acenaphthylene	208-96-8	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Anthracene	120-12-7	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Benzo(a)anthracene	56-55-3	0.9	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Benzidine	92-87-5	-	(3.2) U	(3.2) U	(3.2) U	3.2 URE
Benzo(a)pyrene	50-32-8	0.66	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Benzo(b)fluoranthene	205-99-2	0.9	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Benzo(g,h,i)perylene	191-24-2	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Benzo(k)fluoranthene	207-08-9	0.9	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Benzyl alcohol	100-51-6	50	(0.39) U	(0.41) U	(0.4) U	0.4 URE
bis(2-Chloroethoxy)methane	111-91-1	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.39) U	(0.41) U	(0.4) U	0.4 URE
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.39) U	(0.41) U	(0.4) U	0.4 URE
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.04 J	0.066 J	0.15 J	0.15 JRE
Butylbenzylphthalate	85-68-7	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Dibenz(a,h)anthracene	53-70-3	0.66	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Dibenzofuran	132-64-9	-	(0.39) U	(0.41) U	0.053 J	0.054 JRE
Diethylphthalate	84-66-2	50	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Dimethylphthalate	131-11-3	50	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Di-n-butylphthalate	84-74-2	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Di-n-octylphthalate	117-84-0	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Fluoranthene	206-44-0	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Fluorene	86-73-7	100	(0.39) U	(0.41) U	0.074 J	0.078 JRE
Hexachlorobenzene	118-74-1	0.66	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Hexachlorobutadiene	87-68-3	1	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Hexachlorocyclopentadiene	77-47-4	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Hexachloroethane	67-72-1	6	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Isophorone	78-59-1	50	(0.39) U	(0.41) U	(0.4) U	0.4 URE
m&p-Cresol	106-44-5	2800	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Naphthalene	91-20-3	100	(0.39) U	0.11 J	1.5	1.5
Nitrobenzene	98-95-3	10	(0.39) U	(0.41) U	(0.4) U	0.4 URE
N-Nitrosodimethylamine	62-75-9	-	(0.39) U	(0.41) U	(0.4) U	0.4 URE
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.39) U	(0.41) U	(0.4) U	0.4 URE
N-Nitrosodiphenylamine	86-30-6	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE
o-cresol	95-48-7	1000	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Pentachlorophenol	87-86-5	6	(0.99) U	(1) U	(0.99) U	0.99 URE
Phenanthrene	85-01-8	-	(0.39) U	(0.41) U	0.13 J	0.14 JRE
Phenol	108-95-2	50	(0.39) U	(0.41) U	(0.4) U	0.4 URE
Pyrene	129-00-0	100	(0.39) U	(0.41) U	(0.4) U	0.4 URE

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-39-1A (3.5-4.0)	AOC-39-1B (6.5-7.0)	AOC-39-1B (6.5-7.0)	AOC-39-1C (11.5-12.0)
		Lab ID	230327-001	230327-002	230327-002RA	230327-003
		Sample Date	11/5/2003	11/5/2003	11/5/2003	11/5/2003
		Depth Interval	3.5 - 4	6.5 - 7	6.5 - 7	11.5 - 12
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(0.41) U	(0.4) U	0.4 URE	(0.39) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.4) U	1.4 URE	(0.39) U
1,2-Diphenylhydrazine	122-66-7	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
2,6-Dinitrotoluene	606-20-2	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.41) U	(0.4) U	0.4 URE	(0.39) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	0.082 J	0.4 URE	(0.39) U
Acenaphthylene	208-96-8	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Anthracene	120-12-7	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Benzo(a)anthracene	56-55-3	0.9	(0.41) U	0.2 J	0.2 JRE	(0.39) U
Benzidine	92-87-5	-	(3.3) U	(3.2) U	3.2 URE	(3.1) U
Benzo(a)pyrene	50-32-8	0.66	0.046 J	0.19 J	0.17 JRE	(0.39) U
Benzo(b)fluoranthene	205-99-2	0.9	0.051 J	0.32 J	0.24 JRE	(0.39) U
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	0.092 J	0.13 JRE	(0.39) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.41) U	0.072 J	0.083 JRE	(0.39) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.41) U	(0.4) U	0.4 URE	(0.39) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.4) U	0.4 URE	(0.39) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	0.053 J	0.49	0.47 RE	(0.39) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Fluoranthene	206-44-0	100	0.069 J	0.16 J	0.17 JRE	(0.39) U
Fluorene	86-73-7	100	(0.41) U	0.068 J	0.041 JRE	(0.39) U
Hexachlorobenzene	118-74-1	0.66	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Hexachlorobutadiene	87-68-3	1	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Hexachloroethane	67-72-1	6	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.41) U	0.089 J	0.12 JRE	(0.39) U
Isophorone	78-59-1	50	(0.41) U	(0.4) U	0.4 URE	(0.39) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
Nitrobenzene	98-95-3	10	(0.41) U	(0.4) U	0.4 URE	(0.39) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.4) U	0.4 URE	(0.39) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.41) U	(0.4) U	0.4 URE	(0.39) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.4) U	0.4 URE	(0.39) U
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.41) U	0.26 J	0.26 JRE	(0.39) U
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	0.075 J	1.3	1.2 RE	(0.39) U

NOTES:
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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-39-2 (2.5-3.0)	AOC-39-2 (2.5-3.0)	AOC-39-3A (2.5-3.0)	AOC-39-4 (2.5-3.0)
		Lab ID	230327-004RA	230327-004	230327-005	230327-006
		Sample Date	11/5/2003	11/5/2003	11/5/2003	11/5/2003
		Depth Interval	2.5 - 3	2.5 - 3	2.5 - 3	2.5 - 3
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	0.38 URE	(0.38) U	(0.37) U	(0.41) U
1,2-Dichlorobenzene	95-50-1	50	1.38 URE	(0.38) U	(0.37) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
1,3-Dichlorobenzene	541-73-1	100	0.38 URE	(0.38) U	(0.37) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	0.38 URE	(0.38) U	(0.37) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
2,6-Dinitrotoluene	606-20-2	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
2-Chloronaphthalene	91-58-7	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	0.38 URE	(0.38) U	(0.37) U	(0.41) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.38 URE	0.038 J	(0.37) U	(0.41) U
Acenaphthylene	208-96-8	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Anthracene	120-12-7	100	0.17 JRE	0.15 J	(0.37) U	0.085 J
Benzo(a)anthracene	56-55-3	0.9	0.41 RE	0.39	(0.37) U	0.24 J
Benzidine	92-87-5	-	3 URE	(3) U	(2.9) U	(3.3) U
Benzo(a)pyrene	50-32-8	0.66	0.27 JRE	0.28 J	(0.37) U	0.21 J
Benzo(b)fluoranthene	205-99-2	0.9	0.58 RE	0.49	(0.37) U	0.29 J
Benzo(g,h,i)perylene	191-24-2	-	0.12 JRE	0.1 J	(0.37) U	0.079 J
Benzo(k)fluoranthene	207-08-9	0.9	0.15 JRE	0.16 J	(0.37) U	0.092 J
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	0.38 URE	(0.38) U	(0.37) U	(0.41) U
bis(2-Chloroisopropyl)ether	108-60-1	10	0.38 URE	(0.38) U	(0.37) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Butylbenzylphthalate	85-68-7	100	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	0.47 RE	0.48	(0.37) U	0.27 J
Dibenz(a,h)anthracene	53-70-3	0.66	0.047 JRE	0.051 J	(0.37) U	(0.41) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Dimethylphthalate	131-11-3	50	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Fluoranthene	206-44-0	100	0.83 RE	0.93	(0.37) U	0.68
Fluorene	86-73-7	100	0.07 JRE	0.068 J	(0.37) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Hexachlorobutadiene	87-68-3	1	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Hexachlorocyclopentadiene	77-47-4	100	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Hexachloroethane	67-72-1	6	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.12 JRE	0.11 J	(0.37) U	0.073 J
Isophorone	78-59-1	50	0.38 URE	(0.38) U	(0.37) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.38 URE	(0.38) U	(0.37) U	(0.41) U
Nitrobenzene	98-95-3	10	0.38 URE	(0.38) U	(0.37) U	(0.41) U
N-Nitrosodimethylamine	62-75-9	-	0.38 URE	(0.38) U	(0.37) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	0.38 URE	(0.38) U	(0.37) U	(0.41) U
N-Nitrosodiphenylamine	86-30-6	100	0.38 URE	(0.38) U	(0.37) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.87 RE	0.9	(0.37) U	0.34 J
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	1.2 RE	1.1	(0.37) U	0.88

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E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-39-4 (2.5-3.0)	AOC-39-5 (2.5-3.0)	AOC-39-5 (2.5-3.0)	AOC-39-6 (2.5-3.0)
		Lab ID	230327-006RA	230327-008	230327-008DL	230327-007
		Sample Date	11/5/2003	11/5/2003	11/5/2003	11/5/2003
		Depth Interval	2.5 - 3	2.5 - 3	2.5 - 3	2.5 - 3
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	0.41 URE	(0.39) U	(2) U	(0.4) U
1,2-Dichlorobenzene	95-50-1	50	1.41 URE	(0.39) U	(2) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	0.41 URE	(0.39) U	(2) U	(0.4) U
1,3-Dichlorobenzene	541-73-1	100	0.41 URE	(0.39) U	(2) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	0.41 URE	(0.39) U	(2) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	0.41 URE	(0.39) U	(2) U	(0.4) U
2,6-Dinitrotoluene	606-20-2	-	0.41 URE	(0.39) U	(2) U	(0.4) U
2-Chloronaphthalene	91-58-7	-	0.41 URE	(0.39) U	(2) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	0.41 URE	(0.39) U	**(2)** U	(0.4) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	0.41 URE	(0.39) U	(2) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	0.41 URE	(0.39) U	(2) U	(0.4) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.41 URE	0.06 J	(2) U	(0.4) U
Acenaphthylene	208-96-8	-	0.41 URE	(0.39) U	(2) U	(0.4) U
Anthracene	120-12-7	100	0.086 JRE	0.29 J	0.32 JD	(0.4) U
Benzo(a)anthracene	56-55-3	0.9	0.23 JRE	**2**	**2.2** D	0.12 J
Benzidine	92-87-5	-	3.3 URE	(3.1) U	(16) U	(3.2) U
Benzo(a)pyrene	50-32-8	0.66	0.19 JRE	**1.9**	**1.9** JD	0.081 J
Benzo(b)fluoranthene	205-99-2	0.9	0.31 JRE	**3**	**3** D	0.14 J
Benzo(g,h,i)perylene	191-24-2	-	0.077 JRE	0.83	0.71 JD	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	0.087 JRE	0.89	**1.4** JD	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	0.41 URE	(0.39) U	(2) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	0.41 URE	(0.39) U	**(2)** U	(0.4) U
bis(2-Chloroisopropyl)ether	108-60-1	10	0.41 URE	(0.39) U	(2) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.41 URE	(0.39) U	(2) U	(0.4) U
Butylbenzylphthalate	85-68-7	100	0.41 URE	(0.39) U	(2) U	(0.4) U
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	0.26 JRE	2.5	2.8 D	0.29 J
Dibenz(a,h)anthracene	53-70-3	0.66	0.41 URE	0.41	0.36 JD	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	0.41 URE	(0.39) U	(2) U	(0.4) U
Dimethylphthalate	131-11-3	50	0.41 URE	(0.39) U	(2) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	0.41 URE	(0.39) U	(2) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	0.41 URE	(0.39) U	(2) U	(0.4) U
Fluoranthene	206-44-0	100	0.62 RE	2.3	3.7 D	0.17 J
Fluorene	86-73-7	100	0.41 URE	(0.39) U	(2) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	0.41 URE	(0.39) U	**(2)** U	(0.4) U
Hexachlorobutadiene	87-68-3	1	0.41 URE	(0.39) U	**(2)** U	(0.4) U
Hexachlorocyclopentadiene	77-47-4	100	0.41 URE	(0.39) U	(2) U	(0.4) U
Hexachloroethane	67-72-1	6	0.41 URE	(0.39) U	(2) U	(0.4) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.073 JRE	0.84	0.79 JD	(0.4) U
Isophorone	78-59-1	50	0.41 URE	(0.39) U	(2) U	(0.4) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.41 URE	1.1	1.3 JD	0.49
Nitrobenzene	98-95-3	10	0.41 URE	(0.39) U	(2) U	(0.4) U
N-Nitrosodimethylamine	62-75-9	-	0.41 URE	(0.39) U	(2) U	(0.4) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	0.41 URE	(0.39) U	**(2)** U	(0.4) U
N-Nitrosodiphenylamine	86-30-6	100	0.41 URE	(0.39) U	(2) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.35 JRE	2.6	3.1 D	0.97
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	1.1 RE	7 E	6.8 D	0.22 J

NOTES:
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Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-39-6 (2.5-3.0)	AOC-3D-2A (3.5-4.0)	AOC-3D-2A (3.5-4.0)	AOC-3D-2B (11.5-12.0)
		Lab ID	230327-007RA	230327-009	230327-009DL	230327-010
		Sample Date	11/5/2003	11/5/2003	11/5/2003	11/5/2003
		Depth Interval	2.5 - 3	3.5 - 4	3.5 - 4	11.5 - 12
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	0.4 URE	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	0.4 URE	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	0.4 URE	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	0.4 URE	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	0.4 URE	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	0.4 URE	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	0.4 URE	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	0.4 URE	(0.36) U	(3.6) U	(0.42) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	(0.36) U	(3.6) U	(0.42) U
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	0.4 URE	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	0.4 URE	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	0.4 URE	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.4 URE	(0.36) U	(3.6) U	(0.42) U
Acenaphthylene	208-96-8	-	0.4 URE	(0.36) U	(3.6) U	(0.42) U
Anthracene	120-12-7	100	0.4 URE	0.23 J	(3.6) U	(0.42) U
Benzo(a)anthracene	56-55-3	0.9	0.12 JRE	**7.7** E	**8.5** D	(0.42) U
Benzidine	92-87-5	-	3.2 URE	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	0.08 JRE	**10** E	**12** D	(0.42) U
Benzo(b)fluoranthene	205-99-2	0.9	0.13 JRE	**19** E	**20** D	(0.42) U
Benzo(g,h,i)perylene	191-24-2	-	0.4 URE	6.1 E	5.5 D	(0.42) U
Benzo(k)fluoranthene	207-08-9	0.9	0.4 URE	**3.8** E	**7.4** D	(0.42) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	0.4 URE	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	0.4 URE	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	0.4 URE	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.4 URE	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	0.4 URE	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	0.29 JRE	7.9 E	**11** D	(0.42) U
Dibenz(a,h)anthracene	53-70-3	0.66	0.4 URE	**2.3**	**2** JD	(0.42) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	0.4 URE	NR	NR	NR
Dimethylphthalate	131-11-3	50	0.4 URE	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	0.4 URE	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	0.4 URE	NR	NR	NR
Fluoranthene	206-44-0	100	0.15 JRE	5.3 E	6.6 D	(0.42) U
Fluorene	86-73-7	100	0.4 URE	(0.36) U	(3.6) U	(0.42) U
Hexachlorobenzene	118-74-1	0.66	0.4 URE	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	0.4 URE	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	0.4 URE	NR	NR	NR
Hexachloroethane	67-72-1	6	0.4 URE	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.4 URE	**5.8** E	**5.7** D	(0.42) U
Isophorone	78-59-1	50	0.4 URE	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.49 RE	(0.36) U	(3.6) U	(0.42) U
Nitrobenzene	98-95-3	10	0.4 URE	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	0.4 URE	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	0.4 URE	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	0.4 URE	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.95 RE	1.4	1.5 JD	(0.42) U
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	0.26 JRE	9.7 E	8.7 D	(0.42) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-3D-3A (3.5-4.0)	AOC-3D-3A (3.5-4.0)	AOC-3D-3B (11.5-12.0)	AOC-3D-9A (3.5-4.0)
		Lab ID	230327-013	230327-013DL	230327-014	230327-011
		Sample Date	11/5/2003	11/5/2003	11/5/2003	11/5/2003
		Depth Interval	3.5 - 4	3.5 - 4	11.5 - 12	3.5 - 4
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	(0.33) U	(3.6) U	(0.41) U	(0.36) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	0.043	(3.6) U	(0.41) U	(0.36) U
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.33) U	(3.6) U	(0.41) U	(0.36) U
Acenaphthylene	208-96-8	-	(0.33) U	(3.6) U	(0.41) U	(0.36) U
Anthracene	120-12-7	100	0.17 J	(3.6) U	(0.41) U	(0.36) U
Benzo(a)anthracene	56-55-3	0.9	**3.5** E	**3.6** JD	(0.41) U	(0.36) U
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	**3.2** E	**3.3** JD	(0.41) U	(0.36) U
Benzo(b)fluoranthene	205-99-2	0.9	**15** E	**15** D	(0.41) U	(0.36) U
Benzo(g,h,i)perylene	191-24-2	-	4.8 E	5.1 D	(0.41) U	(0.36) U
Benzo(k)fluoranthene	207-08-9	0.9	**3.1** E	**5.1** D	(0.41) U	(0.36) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	6.2 E	7.3 D	(0.41) U	(0.36) U
Dibenz(a,h)anthracene	53-70-3	0.66	**2.2**	**2.1** JD	(0.41) U	(0.36) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR
Fluoranthene	206-44-0	100	5.3 E	5.6 D	(0.41) U	(0.36) U
Fluorene	86-73-7	100	(0.33) U	(3.6) U	(0.41) U	(0.36) U
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**4.4** E	**5** D	(0.41) U	(0.36) U
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.17 J	(3.6) U	(0.41) U	(0.36) U
Nitrobenzene	98-95-3	10	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	2.3	2.5 JD	(0.41) U	(0.36) U
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	5.6 E	6 D	(0.41) U	(0.36) U

NOTES:
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Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-3D-9B (15.5-16.0)	USTB-5DD	USTB-5DD	USTB-5P
		Lab ID	230327-012	230328-002	230328-002RA	230328-003
		Sample Date	11/5/2003	11/5/2003	11/5/2003	11/5/2003
		Depth Interval	15.5 - 16	23.5 - 24	23.5 - 24	23.5 - 24
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	(0.43) U	(4.1) U	4.1 URE	(4.2) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	(0.43) U	1.1 J	1.1 JRE	1.5 J
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.43) U	(4.1) U	4.1 URE	(4.2) U
Acenaphthylene	208-96-8	-	(0.43) U	(4.1) U	4.1 URE	(4.2) U
Anthracene	120-12-7	100	(0.43) U	2.5 J	2.2 JRE	3.5 J
Benzo(a)anthracene	56-55-3	0.9	(0.43) U	**(4.1)** U	**4.1** URE	**(4.2)** U
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.43) U	**(4.1)** U	**4.1** URE	**(4.2)** U
Benzo(b)fluoranthene	205-99-2	0.9	(0.43) U	**(4.1)** U	**4.1** URE	**(4.2)** U
Benzo(g,h,i)perylene	191-24-2	-	(0.43) U	(4.1) U	4.1 URE	(4.2) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.43) U	**(4.1)** U	**4.1** URE	**(4.2)** U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.43) U	4.8	6 RE	8.4
Dibenz(a,h)anthracene	53-70-3	0.66	(0.43) U	**(4.1)** U	**4.1** URE	**(4.2)** U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR
Fluoranthene	206-44-0	100	(0.43) U	(4.1) U	4.1 URE	(4.2) U
Fluorene	86-73-7	100	(0.43) U	1.6 J	1.5 JRE	2.1 J
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.43) U	**(4.1)** U	**4.1** URE	**(4.2)** U
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.43) U	(4.1) U	4.1 URE	(4.2) U
Nitrobenzene	98-95-3	10	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.43) U	8.5	7.8 RE	11
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.43) U	(4.1) U	4.1 URE	(4.2) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	USTB-5P	AOC-1-3A (3.5-4.0)	AOC-1-6A (3.5-4.0)	AOC-3C-2A (3.5-4.0)
		Lab ID	230328-003RA	230361-026	230361-024	230361-009
		Sample Date	11/5/2003	11/6/2003	11/6/2003	11/6/2003
		Depth Interval	23.5 - 24	3.5 - 4	3.5 - 4	3.5 - 4
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	4.2 URE	(0.41) U	(0.4) U	(0.41) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	1.5 JRE	(0.41) U	(0.4) U	(0.41) U
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	4.2 URE	(0.41) U	(0.4) U	(0.41) U
Acenaphthylene	208-96-8	-	4.2 URE	(0.41) U	(0.4) U	(0.41) U
Anthracene	120-12-7	100	4.2 JRE	(0.41) U	(0.4) U	(0.41) U
Benzo(a)anthracene	56-55-3	0.9	**4.2** URE	(0.41) U	0.072 J	(0.41) U
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	**4.2** URE	(0.41) U	0.079 J	(0.41) U
Benzo(b)fluoranthene	205-99-2	0.9	**4.2** URE	(0.41) U	0.24 J	(0.41) U
Benzo(g,h,i)perylene	191-24-2	-	4.2 URE	(0.41) U	0.12 J	(0.41) U
Benzo(k)fluoranthene	207-08-9	0.9	**4.2** URE	(0.41) U	0.077 J	(0.41) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	6.3 RE	(0.41) U	0.14 J	(0.41) U
Dibenz(a,h)anthracene	53-70-3	0.66	**4.2** URE	(0.41) U	0.04 J	(0.41) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR
Fluoranthene	206-44-0	100	4.2 URE	(0.41) U	0.12 J	(0.41) U
Fluorene	86-73-7	100	2.2 JRE	(0.41) U	(0.4) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**4.2** URE	(0.41) U	0.11 J	(0.41) U
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	4.2 URE	(0.41) U	(0.4) U	(0.41) U
Nitrobenzene	98-95-3	10	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	12 RE	(0.41) U	0.047 J	(0.41) U
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	4.2 URE	(0.41) U	0.079 J	(0.41) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-3C-2B (9.5-10.0)	AOC-3C-3A (3.5-4.0)	AOC-3C-3B (9.5-10.0)	AOC-3D-7A (3.5-4.0)
		Lab ID	230361-010	230361-011	230361-012	230361-001
		Sample Date	11/6/2003	11/6/2003	11/6/2003	11/6/2003
		Depth Interval	9.5 - 10	3.5 - 4	9.5 - 10	3.5 - 4
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.4) U	(0.41) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	(0.41) U	(0.4) U	(0.41) U	(0.4) U
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	(0.4) U	(0.41) U	(0.4) U
Acenaphthylene	208-96-8	-	(0.41) U	(0.4) U	(0.41) U	(0.4) U
Anthracene	120-12-7	100	(0.41) U	(0.4) U	(0.41) U	(0.4) U
Benzo(a)anthracene	56-55-3	0.9	(0.41) U	0.2 J	(0.41) U	(0.4) U
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.41) U	0.21 J	(0.41) U	(0.4) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.41) U	0.49	(0.41) U	(0.4) U
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	0.2 J	(0.41) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.41) U	0.17 J	(0.41) U	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.41) U	0.31 J	(0.41) U	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.41) U	(0.4) U	(0.41) U	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR
Fluoranthene	206-44-0	100	(0.41) U	0.31 J	(0.41) U	(0.4) U
Fluorene	86-73-7	100	(0.41) U	(0.4) U	(0.41) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.41) U	0.2 J	(0.41) U	(0.4) U
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	(0.4) U	(0.41) U	(0.4) U
Nitrobenzene	98-95-3	10	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.41) U	0.099 J	(0.41) U	(0.4) U
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.41) U	0.23 J	(0.41) U	(0.4) U

NOTES:
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E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-3D-7B (14.5-15.0)	AOC-3D-12A (3.5-4.0)	AOC-3D-12B (11.5-12.0)	AOC-3D-13A (3.5-4.0)
		Lab ID	230361-002	230361-007	230361-008	230361-005
		Sample Date	11/6/2003	11/6/2003	11/6/2003	11/6/2003
		Depth Interval	14.5 - 15	3.5 - 4	11.5 - 12	3.5 - 4
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.41) U	(0.4) U	(0.41) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	(0.4) U	0.044 J	(0.4) U	0.16 J
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.4) U	(0.41) U	(0.4) U	(0.41) U
Acenaphthylene	208-96-8	-	(0.4) U	0.2 J	(0.4) U	(0.41) U
Anthracene	120-12-7	100	(0.4) U	0.082 J	(0.4) U	(0.41) U
Benzo(a)anthracene	56-55-3	0.9	(0.4) U	**1.7**	(0.4) U	0.21 J
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.4) U	**1.4**	(0.4) U	0.19 J
Benzo(b)fluoranthene	205-99-2	0.9	(0.4) U	**2.2**	(0.4) U	0.65
Benzo(g,h,i)perylene	191-24-2	-	(0.4) U	0.51	(0.4) U	0.17 J
Benzo(k)fluoranthene	207-08-9	0.9	(0.4) U	0.82	(0.4) U	0.18 J
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.4) U	1.8	(0.4) U	0.43
Dibenz(a,h)anthracene	53-70-3	0.66	(0.4) U	0.25 J	(0.4) U	0.075 J
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR
Fluoranthene	206-44-0	100	(0.4) U	2.4	(0.4) U	0.48
Fluorene	86-73-7	100	(0.4) U	(0.41) U	(0.4) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.4) U	0.58	(0.4) U	0.15 J
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.4) U	(0.41) U	(0.4) U	0.12 J
Nitrobenzene	98-95-3	10	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.4) U	0.35 J	(0.4) U	0.41 J
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.4) U	3	(0.4) U	0.75

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-3D-13B (14.5-15.0)	AOC-3D-15A (3.5-4.0)	AOC-3D-15B (11.5-12.0)	AOC-19-1A (2.0-2.5)
		Lab ID	230361-006	230361-003	230361-004	230446-008
		Sample Date	11/6/2003	11/6/2003	11/6/2003	11/10/2003
		Depth Interval	14.5 - 15	3.5 - 4	11.5 - 12	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	(0.42) U	(0.47) U	(0.43) U	(0.41) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	(0.42) U	0.2 J	(0.43) U	0.85
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.42) U	(0.47) U	(0.43) U	(0.41) U
Acenaphthylene	208-96-8	-	(0.42) U	(0.47) U	(0.43) U	(0.41) U
Anthracene	120-12-7	100	(0.42) U	(0.47) U	(0.43) U	(0.41) U
Benzo(a)anthracene	56-55-3	0.9	(0.42) U	0.21 J	(0.43) U	0.25 J
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	(0.42) U	0.31 J	(0.43) U	0.28 J
Benzo(b)fluoranthene	205-99-2	0.9	(0.42) U	0.71	(0.43) U	0.71
Benzo(g,h,i)perylene	191-24-2	-	(0.42) U	0.22 J	(0.43) U	0.15 J
Benzo(k)fluoranthene	207-08-9	0.9	(0.42) U	0.16 J	(0.43) U	0.18 J
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.42) U	0.39 J	(0.43) U	0.44
Dibenz(a,h)anthracene	53-70-3	0.66	(0.42) U	0.093 J	(0.43) U	(0.41) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR
Fluoranthene	206-44-0	100	(0.42) U	0.31 J	(0.43) U	0.38 J
Fluorene	86-73-7	100	(0.42) U	(0.47) U	(0.43) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.42) U	0.22 J	(0.43) U	0.13 J
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.42) U	0.11 J	(0.43) U	0.54
Nitrobenzene	98-95-3	10	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.42) U	0.3 J	(0.43) U	0.61
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.42) U	0.31 J	(0.43) U	0.54

NOTES:
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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-19-1A (2.0-2.5)	AOC-19-1B (4.0-4.5)	AOC-19-1B (4.0-4.5)	AOC-19-1C(14-14.5)
		Lab ID	230446-008RE	230446-009	230446-009RE	230446-010
		Sample Date	11/10/2003	11/10/2003	11/10/2003	11/10/2003
		Depth Interval	2 - 2.5	4 - 4.5	4 - 4.5	14 - 14.5
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	0.41 URE	(2) U	2 URE	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	0.82 RE	0.59 J	0.64 JRE	8.5 E
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.41 URE	(2) U	2 URE	(0.4) U
Acenaphthylene	208-96-8	-	0.41 URE	(2) U	2 URE	(0.4) U
Anthracene	120-12-7	100	0.41 URE	(2) U	2 URE	0.23 J
Benzo(a)anthracene	56-55-3	0.9	0.26 JRE	**(2)** U	**2** URE	(0.4) U
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	0.27 JRE	**(2)** U	**2** URE	(0.4) U
Benzo(b)fluoranthene	205-99-2	0.9	0.72 RE	**(2)** U	**2** URE	(0.4) U
Benzo(g,h,i)perylene	191-24-2	-	0.15 JRE	(2) U	2 URE	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	0.17 JRE	**(2)** U	**2** URE	(0.4) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	0.43 RE	(2) U	2 URE	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	0.41 URE	**(2)** U	**2** URE	(0.4) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR
Fluoranthene	206-44-0	100	0.38 JRE	(2) U	2 URE	(0.4) U
Fluorene	86-73-7	100	0.41 URE	(2) U	2 URE	1.5
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.13 JRE	**(2)** U	**2** URE	(0.4) U
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.53 RE	(2) U	2 URE	(0.4) U
Nitrobenzene	98-95-3	10	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.61 RE	0.32 J	0.35 JRE	2.9
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	0.51 RE	0.35 J	0.31 JRE	0.07 J

NOTES:
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Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-19-1C(14-14.5)	AOC-19-3B (4.0-4.5)	AOC-19-3C(14-14.5)	AOC-19-3C(14-14.5)
		Lab ID	230446-010RE	230446-004	230446-005	230446-005RE
		Sample Date	11/10/2003	11/10/2003	11/10/2003	11/10/2003
		Depth Interval	14 - 14.5	4 - 4.5	14 - 14.5	14 - 14.5
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	NR	NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50	NR	NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100	NR	NR	NR	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR	NR	NR
2-Chloronaphthalene	91-58-7	-	2 URE	(0.36) U	(0.4) U	0.4 URE
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	9.3 RE	(0.36) U	0.22 J	0.23 JRE
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR	NR	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.92 JRE	(0.36) U	(0.4) U	0.4 URE
Acenaphthylene	208-96-8	-	2 URE	(0.36) U	(0.4) U	0.4 URE
Anthracene	120-12-7	100	0.23 JRE	(0.36) U	(0.4) U	0.4 URE
Benzo(a)anthracene	56-55-3	0.9	**2** URE	(0.36) U	(0.4) U	0.4 URE
Benzidine	92-87-5	-	NR	NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66	**2** URE	(0.36) U	(0.4) U	0.4 URE
Benzo(b)fluoranthene	205-99-2	0.9	**2** URE	(0.36) U	(0.4) U	0.4 URE
Benzo(g,h,i)perylene	191-24-2	-	2 URE	(0.36) U	(0.4) U	0.4 URE
Benzo(k)fluoranthene	207-08-9	0.9	**2** URE	(0.36) U	(0.4) U	0.4 URE
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR	NR	NR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	2 URE	(0.36) U	(0.4) U	0.4 URE
Dibenz(a,h)anthracene	53-70-3	0.66	**2** URE	(0.36) U	(0.4) U	0.4 URE
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	NR	NR	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR	NR	NR
Fluoranthene	206-44-0	100	2 URE	0.048 J	(0.4) U	0.4 URE
Fluorene	86-73-7	100	1.6 JRE	(0.36) U	0.59	0.59 RE
Hexachlorobenzene	118-74-1	0.66	NR	NR	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR	NR	NR
Hexachloroethane	67-72-1	6	NR	NR	NR	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**2** URE	(0.36) U	(0.4) U	0.4 URE
Isophorone	78-59-1	50	NR	NR	NR	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	2 URE	(0.36) U	(0.4) U	0.4 URE
Nitrobenzene	98-95-3	10	NR	NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR	NR	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	3.2 RE	0.042 J	0.83	0.84 RE
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	2 URE	0.043 J	(0.4) U	0.4 URE

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A3E-1 (12.5-13.0)	A3E-1 (12.5-13.0)	A3E-13 (11.5-12.0)	A3E-13 (11.5-12.0)
		Lab ID	231251-002	231251-002RA	231251-004	231251-004RA
		Sample Date	12/3/2003	12/3/2003	12/3/2003	12/3/2003
		Depth Interval	12.5 - 13	12.5 - 13	11.5 - 12	11.5 - 12
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(0.41) U	(0.41) U	(0.38) U	(0.38) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.41) U	(0.38) U	(0.38) U
1,2-Diphenylhydrazine	122-66-7	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
2,6-Dinitrotoluene	606-20-2	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.41) U	(0.41) U	(0.38) U	(0.38) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Acenaphthylene	208-96-8	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Anthracene	120-12-7	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Benzo(a)anthracene	56-55-3	0.9	0.39 J	0.35 JRE	0.13 J	0.13 JRE
Benzidine	92-87-5	-	(3.2) U	(3.2) U	(3.1) U	(3.1) U
Benzo(a)pyrene	50-32-8	0.66	0.065 J	0.061 JRE	(0.38) U	(0.38) U
Benzo(b)fluoranthene	205-99-2	0.9	0.12 J	0.15 JRE	(0.38) U	(0.38) U
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Benzo(k)fluoranthene	207-08-9	0.9	0.045 J	0.042 JRE	(0.38) U	(0.38) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.41) U	(0.41) U	(0.38) U	(0.38) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.41) U	(0.38) U	(0.38) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	0.58	0.62 RE	0.24 J	0.24 JRE
Dibenz(a,h)anthracene	53-70-3	0.66	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.41) U	0.04 J	0.041 JRE
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Fluoranthene	206-44-0	100	(0.41) U	(0.41) U	0.044 J	0.054 JRE
Fluorene	86-73-7	100	0.079 J	0.065 JRE	(0.38) U	(0.38) U
Hexachlorobenzene	118-74-1	0.66	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Hexachlorobutadiene	87-68-3	1	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Hexachloroethane	67-72-1	6	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Isophorone	78-59-1	50	(0.41) U	(0.41) U	(0.38) U	(0.38) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
Nitrobenzene	98-95-3	10	(0.41) U	(0.41) U	(0.38) U	(0.38) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.41) U	(0.38) U	(0.38) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.41) U	(0.41) U	(0.38) U	(0.38) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.41) U	(0.38) U	(0.38) U
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.43	0.5 RE	0.24 J	0.25 JRE
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.41) U	(0.41) U	0.19 J	0.23 JRE

NOTES:
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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A3E-3 (1.5-2.0)	A3E-3 (1.5-2.0)	A3E-5 (2.0-2.5)	A3E-5 (2.0-2.5)
		Lab ID	231288-002	231288-002RA	231288-003	231288-003DL
		Sample Date	12/4/2003	12/4/2003	12/4/2003	12/4/2003
		Depth Interval	1.5 - 2	1.5 - 2	2 - 2.5	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(1.8) U	(1.8) U	(1.8) U	(3.5) U
1,2-Dichlorobenzene	95-50-1	50	(1.8) U	(1.8) U	(1.8) U	(3.5) U
1,2-Diphenylhydrazine	122-66-7	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
1,3-Dichlorobenzene	541-73-1	100	(1.8) U	(1.8) U	(1.8) U	(3.5) U
1,4-Dichlorobenzene	106-46-7	100	(1.8) U	(1.8) U	(1.8) U	(3.5) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
2,6-Dinitrotoluene	606-20-2	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
2-Chloronaphthalene	91-58-7	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(1.8) U	(1.8) U	(1.8) U	**(3.5)** U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	1.1 J	1.2 JRE	5.6	5.8 D
Acenaphthylene	208-96-8	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
Anthracene	120-12-7	100	1.5 J	1.1 JRE	1.5 J	2.1 JD
Benzo(a)anthracene	56-55-3	0.9	**1.3** J	**1.4** JRE	**2**	**2.2** JD
Benzidine	92-87-5	-	(15) U	(15) U	(14) U	(28) U
Benzo(a)pyrene	50-32-8	0.66	0.58 J	0.58 JRE	**(1.8)** U	**(3.5)** U
Benzo(b)fluoranthene	205-99-2	0.9	**1.5** J	**1.4** JRE	**1.6** J	**1.4** JD
Benzo(g,h,i)perylene	191-24-2	-	0.36 J	0.6 JRE	(1.8) U	(3.5) U
Benzo(k)fluoranthene	207-08-9	0.9	0.74 J	0.35 JRE	0.38 J	0.53 JD
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(1.8)** U	**(1.8)** U	**(1.8)** U	**(3.5)** U
bis(2-Chloroisopropyl)ether	108-60-1	10	(1.8) U	(1.8) U	(1.8) U	(3.5) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.98 J	0.86 JRE	(1.8) U	(3.5) U
Butylbenzylphthalate	85-68-7	100	(1.8) U	(1.8) U	(1.8) U	(3.5) U
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	2	1.9 RE	3.3	3.8 D
Dibenz(a,h)anthracene	53-70-3	0.66	**(1.8)** U	**(1.8)** U	**(1.8)** U	**(3.5)** U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(1.8) U	(1.8) U	(1.8) U	(3.5) U
Dimethylphthalate	131-11-3	50	(1.8) U	(1.8) U	(1.8) U	(3.5) U
Di-n-butylphthalate	84-74-2	100	(1.8) U	(1.8) U	(1.8) U	(3.5) U
Di-n-octylphthalate	117-84-0	100	(1.8) U	(1.8) U	(1.8) U	(3.5) U
Fluoranthene	206-44-0	100	2.8	2.9 RE	5.6	6.1 D
Fluorene	86-73-7	100	1.5 J	1.6 JRE	5	5.4 D
Hexachlorobenzene	118-74-1	0.66	**(1.8)** U	**(1.8)** U	**(1.8)** U	**(3.5)** U
Hexachlorobutadiene	87-68-3	1	**(1.8)** U	**(1.8)** U	**(1.8)** U	**(3.5)** U
Hexachlorocyclopentadiene	77-47-4	100	(1.8) U	(1.8) U	(1.8) U	(3.5) U
Hexachloroethane	67-72-1	6	(1.8) U	(1.8) U	(1.8) U	(3.5) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.4 J	0.5 JRE	**(1.8)** U	**(3.5)** U
Isophorone	78-59-1	50	(1.8) U	(1.8) U	(1.8) U	(3.5) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.62 J	0.63 JRE	12	13 D
Nitrobenzene	98-95-3	10	(1.8) U	(1.8) U	(1.8) U	(3.5) U
N-Nitrosodimethylamine	62-75-9	-	(1.8) U	(1.8) U	(1.8) U	(3.5) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(1.8)** U	**(1.8)** U	**(1.8)** U	**(3.5)** U
N-Nitrosodiphenylamine	86-30-6	100	(1.8) U	(1.8) U	(1.8) U	(3.5) U
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	6.8	7.7 RE	17 E	17 D
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	5.6	5.1 RE	13	11 D

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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A3E-5 (11.5-12.0)	A3E-5 (11.5-12.0)	A3E-5 (23.5-24.0)	A3E-5 (23.5-24.0)
		Lab ID	231289-001	231289-001RA	231289-002	231289-002RA
		Sample Date	12/4/2003	12/4/2003	12/4/2003	12/4/2003
		Depth Interval	11.5 - 12	11.5 - 12	23.5 - 24	23.5 - 24
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(0.39) U	0.39 UR	(0.4) U	0.4 UR
1,2-Dichlorobenzene	95-50-1	50	(0.39) U	1.39 UR	(0.4) U	1.4 UR
1,2-Diphenylhydrazine	122-66-7	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
1,3-Dichlorobenzene	541-73-1	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
1,4-Dichlorobenzene	106-46-7	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
2,6-Dinitrotoluene	606-20-2	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
2-Chloronaphthalene	91-58-7	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.39) U	0.39 UR	(0.4) U	0.4 UR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Acenaphthylene	208-96-8	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Anthracene	120-12-7	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Benzo(a)anthracene	56-55-3	0.9	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Benzidine	92-87-5	-	(3.1) U	3.1 UR	(3.2) U	3.2 UR
Benzo(a)pyrene	50-32-8	0.66	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Benzo(b)fluoranthene	205-99-2	0.9	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Benzo(g,h,i)perylene	191-24-2	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Benzo(k)fluoranthene	207-08-9	0.9	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.39) U	0.39 UR	(0.4) U	0.4 UR
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.39) U	0.39 UR	(0.4) U	0.4 UR
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Butylbenzylphthalate	85-68-7	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Dibenz(a,h)anthracene	53-70-3	0.66	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Dimethylphthalate	131-11-3	50	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Di-n-butylphthalate	84-74-2	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Di-n-octylphthalate	117-84-0	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Fluoranthene	206-44-0	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Fluorene	86-73-7	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Hexachlorobenzene	118-74-1	0.66	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Hexachlorobutadiene	87-68-3	1	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Hexachlorocyclopentadiene	77-47-4	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Hexachloroethane	67-72-1	6	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Isophorone	78-59-1	50	(0.39) U	0.39 UR	(0.4) U	0.4 UR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Nitrobenzene	98-95-3	10	(0.39) U	0.39 UR	(0.4) U	0.4 UR
N-Nitrosodimethylamine	62-75-9	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.39) U	0.39 UR	(0.4) U	0.4 UR
N-Nitrosodiphenylamine	86-30-6	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.39) U	0.39 UR	(0.4) U	0.4 UR
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.39) U	0.39 UR	(0.4) U	0.4 UR

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A3E-11 (1.5-2.0)	A3E-11 (1.5-2.0)	OWS-1 (7.0-7.5)	OWS-1P (7.0-7.5)
		Lab ID	231288-001	231288-001RA	231411-001	231411-002
		Sample Date	12/4/2003	12/4/2003	12/9/2003	12/9/2003
		Depth Interval	1.5 - 2	1.5 - 2	7 - 7.5	7 - 7.5
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(0.36) U	(0.36) U	(0.41) U	(0.41) U
1,2-Dichlorobenzene	95-50-1	50	(0.36) U	(0.36) U	(0.41) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
1,3-Dichlorobenzene	541-73-1	100	(0.36) U	(0.36) U	(0.41) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.36) U	(0.36) U	(0.41) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
2,6-Dinitrotoluene	606-20-2	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
2-Chloronaphthalene	91-58-7	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.36) U	(0.36) U	(0.41) U	(0.41) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.36) U	(0.36) U	0.085 J	0.075 J
Acenaphthylene	208-96-8	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Anthracene	120-12-7	100	0.42	0.18 JRE	(0.41) U	0.21 J
Benzo(a)anthracene	56-55-3	0.9	0.12 J	0.14 JRE	0.12 J	0.14 J
Benzidine	92-87-5	-	(2.9) U	(2.9) U	(3.3) U	(3.3) U
Benzo(a)pyrene	50-32-8	0.66	0.096 J	0.09 JRE	(0.41) U	(0.41) U
Benzo(b)fluoranthene	205-99-2	0.9	0.14 J	0.17 JRE	(0.41) U	(0.41) U
Benzo(g,h,i)perylene	191-24-2	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Benzo(k)fluoranthene	207-08-9	0.9	0.073 J	0.055 JRE	(0.41) U	(0.41) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.36) U	(0.36) U	(0.41) U	(0.41) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.36) U	(0.36) U	(0.41) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.14 J	0.18 JRE	(0.41) U	(0.41) U
Butylbenzylphthalate	85-68-7	100	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	0.12 J	0.23 JRE	0.19 J	0.21 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Fluoranthene	206-44-0	100	0.15 J	0.079 JRE	0.087 J	0.083 J
Fluorene	86-73-7	100	(0.36) U	(0.36) U	0.13 J	0.15 J
Hexachlorobenzene	118-74-1	0.66	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Hexachlorobutadiene	87-68-3	1	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Hexachlorocyclopentadiene	77-47-4	100	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Isophorone	78-59-1	50	(0.36) U	(0.36) U	(0.41) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.36) U	(0.36) U	(0.41) U	(0.41) U
Nitrobenzene	98-95-3	10	(0.36) U	(0.36) U	(0.41) U	(0.41) U
N-Nitrosodimethylamine	62-75-9	-	(0.36) U	(0.36) U	(0.41) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.36) U	(0.36) U	(0.41) U	(0.41) U
N-Nitrosodiphenylamine	86-30-6	100	(0.36) U	(0.36) U	(0.41) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.27 J	0.46 RE	0.14 J	0.086 J
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	0.47	0.3 JRE	0.38 J	0.45

NOTES:
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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	17-DE1 (16.5-17.0)	17-DE1P (16.5-17.0)	17-DE1 (19.5-20.0)	3CD-1 (0-0.5)	3CD-1 (5.5-6)
		Lab ID	497674	497675	497676	497660	497661
		Sample Date	1/27/2004	1/27/2004	1/27/2004	1/27/2004	1/27/2004
		Depth Interval	16.5 - 17	16.5 - 17	19.5 - 20	0 - 0.5	5.5 - 6
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.041) U	(0.041) U	(0.04) U	(0.043) U	(0.2) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.081) U	(0.082) U	(0.08) U	(0.086) U	(0.41) U
2,6-Dinitrotoluene	606-20-2	-	(0.081) U	(0.082) U	(0.08) U	(0.086) U	(0.41) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.82) U	(0.8) U	(0.86) U	**(4.1)** U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	(0.41) U	(0.4) U	0.43 J	3.3
Acenaphthylene	208-96-8	-	(0.41) U	(0.41) U	(0.4) U	0.43 J	2 J
Anthracene	120-12-7	100	(0.41) U	(0.41) U	(0.4) U	0.43 J	4.6
Benz(a)anthracene	56-55-3	0.9	(0.041) U	(0.041) U	(0.04) U	0.86	**9.2**
Benzidine	92-87-5	-	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(8.2) U
Benzo(a)pyrene	50-32-8	0.66	(0.041) U	(0.041) U	(0.04) U	**0.97**	**7.5**
Benzo(b)fluoranthene	205-99-2	0.9	(0.041) U	(0.041) U	(0.04) U	**1.1**	**6**
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	(0.41) U	(0.4) U	0.43 J	4.4
Benzo(k)fluoranthene	207-08-9	0.9	(0.041) U	(0.041) U	(0.04) U	**1.1**	**7**
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.041) U	(0.041) U	(0.04) U	(0.043) U	(0.2) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.41) U	(0.41) U	(0.4) U	0.43 J	(2) U
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
Carbazole	86-74-8	-	NR	NR	NR	NR	2.9
Chrysene	218-01-9	9	(0.41) U	(0.41) U	(0.4) U	1.1	**9.8**
Dibenz(a,h)anthracene	53-70-3	0.66	(0.041) U	(0.041) U	(0.04) U	0.19	**1.6**
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
Fluoranthene	206-44-0	100	(0.41) U	(0.41) U	(0.4) U	1.6	22
Fluorene	86-73-7	100	(0.41) U	(0.41) U	(0.4) U	0.43 J	2.9
Hexachlorobenzene	118-74-1	0.66	(0.041) U	(0.041) U	(0.04) U	(0.043) U	(0.2) U
Hexachlorobutadiene	87-68-3	1	(0.081) U	(0.082) U	(0.08) U	(0.086) U	(0.41) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
Hexachloroethane	67-72-1	6	(0.041) U	(0.041) U	(0.04) U	(0.043) U	(0.2) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.041) U	(0.041) U	(0.04) U	0.47	**4.1**
Isophorone	78-59-1	50	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	(0.41) U	(0.4) U	0.43 J	2 J
Nitrobenzene	98-95-3	10	(0.041) U	(0.041) U	(0.04) U	(0.043) U	(0.2) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.041) U	(0.041) U	(0.04) U	(0.043) U	(0.2) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.41) U	(0.4) U	(0.43) U	(2) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.41) U	(0.41) U	(0.4) U	1	27
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.41) U	(0.41) U	(0.4) U	1.5	20

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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
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NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	3CD-1 (11.5-12)	3CD-S1 (0-0.5)	3CD-S1 (2-2.5)	3CD-S1 (21.5-22)	3CD-S2 (0-0.5)
		Lab ID	497662	497651	497652	497653	497654
		Sample Date	1/27/2004	1/27/2004	1/27/2004	1/27/2004	1/27/2004
		Depth Interval	11.5 - 12	0 - 0.5	2 - 2.5	21.5 - 22	0 - 0.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.041) U	(0.04) U	(0.041) U	(0.04) U	(0.042) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.082) U	(0.08) U	(0.082) U	(0.08) U	(0.084) U
2,6-Dinitrotoluene	606-20-2	-	(0.082) U	(0.08) U	(0.082) U	(0.08) U	(0.084) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.82) U	(0.82) U	(0.82) U	(0.8) U	(0.84) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	0.41 J	(0.41) U	(0.4) U	0.42 J
Acenaphthylene	208-96-8	-	(0.41) U	0.41 J	0.41 J	(0.4) U	0.42 J
Anthracene	120-12-7	100	(0.41) U	0.41 J	0.41 J	(0.4) U	0.42 J
Benz(a)anthracene	56-55-3	0.9	(0.041) U	0.45	0.08	(0.04) U	0.57
Benzidine	92-87-5	-	(1.6) U	(1.60) U	(1.6) U	(1.6) U	(1.7) U
Benzo(a)pyrene	50-32-8	0.66	(0.041) U	0.56	0.08	(0.04) U	**0.66**
Benzo(b)fluoranthene	205-99-2	0.9	(0.041) U	0.86	0.08	(0.04) U	0.85
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	0.70	0.41 J	(0.4) U	0.67
Benzo(k)fluoranthene	207-08-9	0.9	(0.041) U	0.83	0.11	(0.04) U	0.81
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.041) U	(0.04) U	(0.041) U	(0.04) U	(0.042) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.41) U	(0.41) U	0.41 J	(0.4) U	(0.42) U
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.41) U	0.72	0.41 J	(0.4) U	0.78
Dibenz(a,h)anthracene	53-70-3	0.66	(0.041) U	0.24	(0.041) U	(0.04) U	0.24
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
Fluoranthene	206-44-0	100	(0.41) U	0.61	0.41 J	(0.4) U	0.9
Fluorene	86-73-7	100	(0.41) U	(0.41) U	(0.41) U	(0.4) U	0.42 J
Hexachlorobenzene	118-74-1	0.66	(0.041) U	(0.04) U	(0.041) U	(0.04) U	(0.042) U
Hexachlorobutadiene	87-68-3	1	(0.082) U	(0.08) U	(0.082) U	(0.08) U	(0.084) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
Hexachloroethane	67-72-1	6	(0.041) U	(0.04) U	(0.041) U	(0.04) U	(0.042) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.041) U	0.61	0.06	(0.04) U	0.6
Isophorone	78-59-1	50	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	0.41 J	(0.41) U	(0.4) U	0.42 J
Nitrobenzene	98-95-3	10	(0.041) U	(0.04) U	(0.041) U	(0.04) U	(0.042) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.041) U	(0.04) U	(0.041) U	(0.04) U	(0.042) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.41) U	(0.41) U	(0.4) U	(0.42) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.41) U	0.41 J	0.41 J	(0.4) U	0.56
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.41) U	0.53	0.41 J	(0.4) U	0.79

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	3CD-S2 (5.5-6)	3CD-S2 (11.5-12)	3CD-S3 (0-0.5)	3CD-S3 (5.5-6)	3CD-S3 (11.5-12)
		Lab ID	497655	497656	497657	497658	497659
		Sample Date	1/27/2004	1/27/2004	1/27/2004	1/27/2004	1/27/2004
		Depth Interval	5.5 - 6	11.5 - 12	0 - 0.5	5.5 - 6	11.5 - 12
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.041) U	(0.038) U	(0.038) U	(0.045) U	(0.042) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.081) U	(0.077) U	(0.077) U	(0.09) U	(0.084) U
2,6-Dinitrotoluene	606-20-2	-	(0.081) U	(0.077) U	(0.077) U	(0.09) U	(0.084) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.77) U	(0.77) U	(0.9) U	(0.84) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	(0.38) U	0.38 J	0.45 J	(0.42) U
Acenaphthylene	208-96-8	-	(0.41) U	(0.38) U	0.38 J	0.45 J	(0.42) U
Anthracene	120-12-7	100	0.41 J	(0.38) U	0.38 J	0.45 J	(0.42) U
Benz(a)anthracene	56-55-3	0.9	0.07	(0.038) U	0.54	0.46	(0.042) U
Benzidine	92-87-5	-	(1.6) U	(1.5) U	(1.5) U	(1.8) U	(1.7) U
Benzo(a)pyrene	50-32-8	0.66	0.07	(0.038) U	**0.76**	0.38	(0.042) U
Benzo(b)fluoranthene	205-99-2	0.9	0.07	(0.038) U	**1.1**	0.37	(0.042) U
Benzo(g,h,i)perylene	191-24-2	-	0.41 J	(0.38) U	0.81	0.45 J	(0.42) U
Benzo(k)fluoranthene	207-08-9	0.9	0.08	(0.038) U	**1**	0.4	(0.042) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.041) U	(0.038) U	(0.038) U	(0.045) U	(0.042) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.41 J	(0.38) U	0.89	0.59	(0.42) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.041) U	(0.038) U	0.26	0.11	(0.042) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
Fluoranthene	206-44-0	100	0.41 J	(0.38) U	0.8	1	(0.42) U
Fluorene	86-73-7	100	(0.41) U	(0.38) U	(0.38) U	0.45 J	(0.42) U
Hexachlorobenzene	118-74-1	0.66	(0.041) U	(0.038) U	(0.038) U	(0.045) U	(0.042) U
Hexachlorobutadiene	87-68-3	1	(0.081) U	(0.077) U	(0.077) U	(0.09) U	(0.084) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
Hexachloroethane	67-72-1	6	(0.041) U	(0.038) U	(0.038) U	(0.045) U	(0.042) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.05	(0.038) U	0.72	0.25	(0.042) U
Isophorone	78-59-1	50	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	(0.38) U	0.38 J	0.45 J	(0.42) U
Nitrobenzene	98-95-3	10	(0.041) U	(0.038) U	(0.038) U	(0.045) U	(0.042) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.041) U	(0.038) U	(0.038) U	(0.045) U	(0.042) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.38) U	(0.38) U	(0.45) U	(0.42) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.41 J	0.38 J	0.38 J	1.1	(0.42) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.41 J	0.38 J	0.73	0.91	(0.42) U

NOTES:
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B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
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NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	3CD-N3 (2-2.5)	3CD-N3P (2-2.5)	3CD-N3 (5.5-6)	3CD-N3 (11.5-12)	A1-19-N1 (4.0-4.5)
		Lab ID	497670	497673	497671	497672	498986
		Sample Date	1/30/2004	1/30/2004	1/30/2004	1/30/2004	2/3/2004
		Depth Interval	2 - 2.5	2 - 2.5	5.5 - 6	11.5 - 12	4 - 4.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
1,2-Dichlorobenzene	95-50-1	50	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
1,4-Dichlorobenzene	106-46-7	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.086) U	(0.084) U	(0.082) U	(0.082) U	0.083 U
2,6-Dinitrotoluene	606-20-2	-	(0.086) U	(0.084) U	(0.082) U	(0.082) U	0.083 U
2-Chloronaphthalene	91-58-7	-	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.86) U	(0.84) U	(0.82) U	(0.82) U	0.83 U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.73
Acenaphthylene	208-96-8	-	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Anthracene	120-12-7	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.76
Benz(a)anthracene	56-55-3	0.9	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.04
Benzidine	92-87-5	-	(1.7) U	(1.7) U	(1.6) U	(1.6) U	1.7 U
Benzo(a)pyrene	50-32-8	0.66	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
Benzo(b)fluoranthene	205-99-2	0.9	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
Benzo(g,h,i)perylene	191-24-2	-	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Benzo(k)fluoranthene	207-08-9	0.9	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Butylbenzylphthalate	85-68-7	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Dimethylphthalate	131-11-3	50	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Di-n-butylphthalate	84-74-2	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Di-n-octylphthalate	117-84-0	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Fluoranthene	206-44-0	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 J
Fluorene	86-73-7	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	2.3
Hexachlorobenzene	118-74-1	0.66	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
Hexachlorobutadiene	87-68-3	1	(0.086) U	(0.084) U	(0.082) U	(0.082) U	0.083 U
Hexachlorocyclopentadiene	77-47-4	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Hexachloroethane	67-72-1	6	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
Isophorone	78-59-1	50	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
Nitrobenzene	98-95-3	10	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
N-Nitrosodimethylamine	62-75-9	-	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.043) U	(0.042) U	(0.041) U	(0.041) U	0.042 U
N-Nitrosodiphenylamine	86-30-6	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	2.6
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.42 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.43) U	(0.42) U	(0.41) U	(0.41) U	0.56

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A1-19-N1 (7.0-7.5)	A29-N1 (6.0-6.5)	A29-N1 (20.5-21.0)	A29-N2 (6.0-6.5)	A29-N2 (19.5-20.0)
		Lab ID	498987	498138	498139	498140	498141
		Sample Date	2/3/2004	2/3/2004	2/3/2004	2/3/2004	2/3/2004
		Depth Interval	7 - 7.5	6 - 6.5	20.5 - 21	6 - 6.5	19.5 - 20
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.039) U	NR	(0.17) U	NR
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.39) U	NR	(1.7) U	NR
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.39) U	NR	(1.7) U	NR
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.39) U	NR	(1.7) U	NR
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.081) U	(0.078) U	NR	(0.33) U	NR
2,6-Dinitrotoluene	606-20-2	-	(0.081) U	(0.078) U	NR	(0.33) U	NR
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.39) U	NR	(1.7) U	NR
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.78) U	NR	**(3.3)** U	NR
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.39) U	NR	(1.7) U	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.39) U	NR	(1.7) U	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.7	0.39 J	(0.41) U	1.8	(0.4) U
Acenaphthylene	208-96-8	-	(0.4) U	0.39 J	(0.41) U	1.7 J	(0.4) U
Anthracene	120-12-7	100	0.69	0.39 J	(0.41) U	4	(0.4) U
Benz(a)anthracene	56-55-3	0.9	0.05	0.15	(0.041) U	**5.4**	(0.04) U
Benzidine	92-87-5	-	(1.6) U	(1.6) U	NR	(6.7) U	NR
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	0.16	(0.041) U	**4.1**	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	0.22	(0.041) U	**3.4**	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.4) U	0.39 J	(0.41) U	2	(0.4) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	0.2	(0.041) U	**3.9**	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.39) U	NR	(1.7) U	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.039) U	NR	(0.17) U	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.39) U	NR	(1.7) U	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.4 J	0.39 J	NR	(1.7) U	NR
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.39) U	NR	(1.7) U	NR
Carbazole	86-74-8	-	NR	NR	NR	2.4	NR
Chrysene	218-01-9	9	0.4 J	0.39 J	(0.41) U	5.8	(0.4) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	0.05	(0.041) U	**0.84**	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.4) U	(0.39) U	NR	(1.7) U	NR
Dimethylphthalate	131-11-3	50	(0.4) U	(0.39) U	NR	(1.7) U	NR
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.39) U	NR	(1.7) U	NR
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.39) U	NR	(1.7) U	NR
Fluoranthene	206-44-0	100	0.4 J	0.39 J	(0.41) U	11	(0.4) U
Fluorene	86-73-7	100	1.1	0.39 J	(0.41) U	2	(0.4) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.039) U	NR	(0.17) U	NR
Hexachlorobutadiene	87-68-3	1	(0.081) U	(0.078) U	NR	(0.33) U	NR
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.39) U	NR	(1.7) U	NR
Hexachloroethane	67-72-1	6	(0.04) U	(0.039) U	NR	(0.17) U	NR
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	0.1	(0.041) U	**2**	(0.04) U
Isophorone	78-59-1	50	(0.4) U	(0.39) U	NR	(1.7) U	NR
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.4) U	0.39 J	(0.41) U	1.7 J	(0.4) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.039) U	NR	(0.17) U	NR
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.39) U	NR	(1.7) U	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.039) U	NR	(0.17) U	NR
N-Nitrosodiphenylamine	86-30-6	100	1.8	(0.39) U	NR	(1.7) U	NR
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.4 J	0.39 J	(0.41) U	14	(0.4) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.55	0.39 J	(0.41) U	12	(0.4) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A39-E1 (3.5-4)	A39-E1 (6.5-7)	A39-N1 (3.5-4)	A39-N1 (6.5-7)	A39-N2 (3.5-4)
		Lab ID	498149	498150	498146	498147	498983
		Sample Date	2/3/2004	2/3/2004	2/3/2004	2/3/2004	2/3/2004
		Depth Interval	3.5 - 4	6.5 - 7	3.5 - 4	6.5 - 7	3.5 - 4
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.076) U	(0.043) U	(0.038) U	(0.037) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
1,4-Dichlorobenzene	106-46-7	100	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.15) U	(0.086) U	(0.075) U	(0.074) U	(0.081) U
2,6-Dinitrotoluene	606-20-2	-	(0.15) U	(0.086) U	(0.075) U	(0.074) U	(0.081) U
2-Chloronaphthalene	91-58-7	-	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(1.5) U	(0.86) U	(0.75) U	(0.74) U	(0.81) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.76) U	(0.43) U	0.38 J	(0.37) U	(0.4) U
Acenaphthylene	208-96-8	-	(0.76) U	(0.43) U	0.38 J	(0.37) U	(0.4) U
Anthracene	120-12-7	100	(0.76) U	(0.43) U	0.38 J	0.37 J	(0.4) U
Benz(a)anthracene	56-55-3	0.9	(0.076) U	(0.043) U	0.57	0.07	0.07
Benzidine	92-87-5	-	(3) U	(1.7) U	(1.5) U	(1.5) U	(1.6) U
Benzo(a)pyrene	50-32-8	0.66	(0.076) U	(0.043) U	0.39	0.06	0.07
Benzo(b)fluoranthene	205-99-2	0.9	(0.076) U	(0.043) U	0.4	0.06	0.1
Benzo(g,h,i)perylene	191-24-2	-	(0.76) U	(0.43) U	0.38 J	0.37 J	0.4 J
Benzo(k)fluoranthene	207-08-9	0.9	(0.076) U	(0.043) U	0.49	0.07	0.1
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.076) U	(0.043) U	(0.038) U	(0.037) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.76) U	0.43 J	0.38 J	0.37 J	(0.4) U
Butylbenzylphthalate	85-68-7	100	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
Carbazole	86-74-8	-	NR	NR	0.35	NR	NR
Chrysene	218-01-9	9	(0.76) U	(0.43) U	0.67	0.37 J	0.4 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.076) U	(0.043) U	0.038 J	(0.037) U	0.04 J
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
Dimethylphthalate	131-11-3	50	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
Di-n-butylphthalate	84-74-2	100	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
Fluoranthene	206-44-0	100	0.76 J	0.43 J	1.3	0.37 J	0.4 J
Fluorene	86-73-7	100	(0.76) U	(0.43) U	0.38 J	(0.37) U	(0.4) U
Hexachlorobenzene	118-74-1	0.66	(0.076) U	(0.043) U	(0.038) U	(0.037) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.15) U	(0.086) U	(0.075) U	(0.074) U	(0.081) U
Hexachlorocyclopentadiene	77-47-4	100	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
Hexachloroethane	67-72-1	6	(0.076) U	(0.043) U	(0.038) U	(0.037) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.076) U	(0.043) U	0.26	0.04	0.07
Isophorone	78-59-1	50	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	1.6	(0.43) U	0.38 J	(0.37) U	(0.4) U
Nitrobenzene	98-95-3	10	(0.076) U	(0.043) U	(0.038) U	(0.037) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.076) U	(0.043) U	(0.038) U	(0.037) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.76) U	(0.43) U	(0.38) U	(0.37) U	(0.4) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.76 J	0.43 J	1.5	0.37 J	0.4 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.76 J	(0.43) U	0.93	0.37 J	0.4 J

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A39-N2 (6.5-7)	A39-S1 (3.5-4)	A39-S1P (3.5-4)	A39-S1 (6.5-7)	A3E-D1 (1.5-2)
		Lab ID	498984	498142	498143	498144	498954
		Sample Date	2/4/2004	2/4/2004	2/4/2004	2/4/2004	2/4/2004
		Depth Interval	6.5 - 7	3.5 - 4	3.5 - 4	6.5 - 7	1.5 - 2
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.041) U	(0.038) U	(0.038) U	(0.04) U	(0.039) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.082) U	(0.077) U	(0.077) U	(0.079) U	(0.079) U
2,6-Dinitrotoluene	606-20-2	-	(0.082) U	(0.077) U	(0.077) U	(0.079) U	(0.079) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.82) U	(0.77) U	(0.77) U	(0.79) U	(0.79) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
Acenaphthylene	208-96-8	-	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U
Anthracene	120-12-7	100	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U
Benz(a)anthracene	56-55-3	0.9	(0.041) U	0.038 J	0.038 J	(0.04) U	(0.039) U
Benzidine	92-87-5	-	(1.6) U	(1.5) U	(1.5) U	(1.6) U	(1.6) U
Benzo(a)pyrene	50-32-8	0.66	(0.041) U	0.038 J	0.038 J	(0.04) U	(0.039) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.041) U	0.038 J	0.038 J	(0.04) U	(0.039) U
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.041) U	0.038 J	0.038 J	(0.04) U	(0.039) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.041) U	(0.038) U	(0.038) U	(0.04) U	(0.039) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.041) U	(0.038) U	(0.038) U	(0.04) U	(0.039) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
Fluoranthene	206-44-0	100	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U
Fluorene	86-73-7	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
Hexachlorobenzene	118-74-1	0.66	(0.041) U	(0.038) U	(0.038) U	(0.04) U	(0.039) U
Hexachlorobutadiene	87-68-3	1	(0.082) U	(0.077) U	(0.077) U	(0.079) U	(0.079) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
Hexachloroethane	67-72-1	6	(0.041) U	(0.038) U	(0.038) U	(0.04) U	(0.039) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.041) U	0.038 J	0.038 J	(0.04) U	(0.039) U
Isophorone	78-59-1	50	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U
Nitrobenzene	98-95-3	10	(0.041) U	(0.038) U	(0.038) U	(0.04) U	(0.039) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.041) U	(0.038) U	(0.038) U	(0.04) U	(0.039) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.38) U	(0.38) U	(0.4) U	(0.39) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.41) U	0.38 J	0.38 J	(0.4) U	(0.39) U

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A3E-D1 (2-2.5)	A3E-E1 (4.5-5)	A3E-E1 (5-5.5)	A3E-E2 (4.5-5)	A3E-E2 (5-5.5)
		Lab ID	498955	498971	498972	498974	498975
		Sample Date	2/4/2004	2/4/2004	2/4/2004	2/4/2004	2/4/2004
		Depth Interval	2 - 2.5	4.5 - 5	5 - 5.5	4.5 - 5	5 - 5.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.077) U	(0.082) U	(0.079) U	(0.081) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.077) U	(0.082) U	(0.079) U	(0.081) U
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.8) U	(0.77) U	(0.82) U	(0.79) U	(0.81) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	(0.39) U	(0.41) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.38) U	(0.41) U	NR	NR
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Acenaphthylene	208-96-8	-	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Anthracene	120-12-7	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
Benzidine	92-87-5	-	(1.6) U	(1.5) U	(1.6) U	(1.6) U	(1.6) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
Benzo(g,h,i)perylene	191-24-2	-	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
Dibenzofuran	132-64-9	-	NR	NR	NR	(0.39) U	(0.41) U
Diethylphthalate	84-66-2	50	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.4) U	(0.38) U	(0.41) U	NR	NR
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Fluoranthene	206-44-0	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Fluorene	86-73-7	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.077) U	(0.082) U	(0.079) U	(0.081) U
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
Isophorone	78-59-1	50	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.038) U	(0.041) U	(0.039) U	(0.041) U
N-Nitrosodiphenylamine	86-30-6	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.4) U	(0.38) U	(0.41) U	(0.39) U	(0.41) U

NOTES:
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Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
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B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A3E-N1 (4.5-5)	A3E-N3 (4.5-5)	A3E-N3 (5-5.5)	A3E-N1 (5-5.5)	A3E-N1P (4.5-5)
		Lab ID	498966	498977	498978	498967	498969
		Sample Date	2/4/2004	2/4/2004	2/4/2004	2/5/2004	2/5/2004
		Depth Interval	4.5 - 5	4.5 - 5	5 - 5.5	5 - 5.5	4.5 - 5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.042) U	(0.041) U	(0.04) U	(0.043) U
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.081) U	(0.084) U	(0.083) U	(0.081) U	(0.087) U
2,6-Dinitrotoluene	606-20-2	-	(0.081) U	(0.084) U	(0.083) U	(0.081) U	(0.087) U
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.84) U	(0.83) U	(0.81) U	(0.87) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Acenaphthylene	208-96-8	-	(0.4) U	(0.42) U	(0.41) U	(0.4) U	0.43 J
Anthracene	120-12-7	100	0.4 J	(0.42) U	(0.41) U	(0.4) U	0.43 J
Benz(a)anthracene	56-55-3	0.9	0.06	(0.042) U	(0.041) U	0.04 J	0.08
Benzidine	92-87-5	-	(1.6) U	(1.7) U	(1.6) U	(1.6) U	(1.7) U
Benzo(a)pyrene	50-32-8	0.66	0.08	(0.042) U	(0.041) U	(0.04) U	0.13
Benzo(b)fluoranthene	205-99-2	0.9	0.07	(0.042) U	(0.041) U	(0.04) U	0.13
Benzo(g,h,i)perylene	191-24-2	-	0.4 J	(0.42) U	(0.41) U	(0.4) U	0.43 J
Benzo(k)fluoranthene	207-08-9	0.9	0.07	(0.042) U	(0.041) U	(0.04) U	0.14
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.042) U	(0.041) U	(0.04) U	(0.043) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.4 J	(0.42) U	0.41 JB	0.64	(0.43) U
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.4 J	(0.42) U	(0.41) U	0.4 J	0.43 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.042) U	(0.041) U	(0.04) U	(0.043) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Dimethylphthalate	131-11-3	50	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Fluoranthene	206-44-0	100	0.4 J	(0.42) U	(0.41) U	0.4 J	0.43 J
Fluorene	86-73-7	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.042) U	(0.041) U	(0.04) U	(0.043) U
Hexachlorobutadiene	87-68-3	1	(0.081) U	(0.084) U	(0.083) U	(0.081) U	(0.087) U
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.042) U	(0.041) U	(0.04) U	(0.043) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.05	(0.042) U	(0.041) U	(0.04) U	0.08
Isophorone	78-59-1	50	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.042) U	(0.041) U	(0.04) U	(0.043) U
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.042) U	(0.041) U	(0.04) U	(0.043) U
N-Nitrosodiphenylamine	86-30-6	100	(0.4) U	(0.42) U	(0.41) U	(0.4) U	(0.43) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	0.4 J	(0.42) U	(0.41) U	0.4 J	0.43 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	0.4 J	(0.42) U	(0.41) U	0.4 J	0.43 J

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	OWS-2 (7.0-7.5)	OWS-2P (7.0-7.5)	OWS-2 (14.0-14.5)	OWS-2 (17.5-18.0)	OWS-3 (7-7.5)
		Lab ID	498942	498943	498944	498945	498936
		Sample Date	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004
		Depth Interval	7 - 7.5	7 - 7.5	14 - 14.5	17.5 - 18	7 - 7.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.75) U	(0.39) U	(0.043) U	(0.04) U	(0.49) U
1,2-Dichlorobenzene	95-50-1	50	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
1,4-Dichlorobenzene	106-46-7	100	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(1.5) U	(0.79) U	(0.085) U	(0.079) U	(0.98) U
2,6-Dinitrotoluene	606-20-2	-	(1.5) U	(0.79) U	(0.085) U	(0.079) U	(0.98) U
2-Chloronaphthalene	91-58-7	-	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	**(15)** U	**(7.9)** U	(0.85) U	(0.79) U	**(9.8)** U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	7.5 J	3.9 J	(0.43) U	(0.4) U	4.9 J
Acenaphthylene	208-96-8	-	7.5 J	3.9 J	(0.43) U	(0.4) U	4.9 J
Anthracene	120-12-7	100	14	8.9	(0.43) U	(0.4) U	12
Benz(a)anthracene	56-55-3	0.9	**50**	**30**	(0.043) U	(0.04) U	**31**
Benzidine	92-87-5	-	(30) U	(16) U	(1.7) U	(1.6) U	(20) U
Benzo(a)pyrene	50-32-8	0.66	**48**	**28**	(0.043) U	(0.04) U	**28**
Benzo(b)fluoranthene	205-99-2	0.9	**48**	**28**	(0.043) U	(0.04) U	**22**
Benzo(g,h,i)perylene	191-24-2	-	32	19	(0.43) U	(0.4) U	17
Benzo(k)fluoranthene	207-08-9	0.9	**45**	**26**	(0.043) U	(0.04) U	**28**
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(0.75)** U	(0.39) U	(0.043) U	(0.04) U	(0.49) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(7.5) U	(3.9) U	0.43 J	0.65	(4.9) U
Butylbenzylphthalate	85-68-7	100	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	**59**	**34**	(0.43) U	(0.4) U	**32**
Dibenz(a,h)anthracene	53-70-3	0.66	**11**	**6.7**	(0.043) U	(0.04) U	**5.8**
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
Dimethylphthalate	131-11-3	50	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
Di-n-butylphthalate	84-74-2	100	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
Di-n-octylphthalate	117-84-0	100	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
Fluoranthene	206-44-0	100	**100**	56	(0.43) U	(0.4) U	60
Fluorene	86-73-7	100	7.5 J	3.9 J	(0.43) U	(0.4) U	4.9 J
Hexachlorobenzene	118-74-1	0.66	**(0.75)** U	(0.39) U	(0.043) U	(0.04) U	(0.49) U
Hexachlorobutadiene	87-68-3	1	**(1.5)** U	(0.79) U	(0.085) U	(0.079) U	(0.98) U
Hexachlorocyclopentadiene	77-47-4	100	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
Hexachloroethane	67-72-1	6	(0.75) U	(0.39) U	(0.043) U	(0.04) U	(0.49) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**28**	**17**	(0.043) U	(0.04) U	**15**
Isophorone	78-59-1	50	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	7.5 J	3.9 J	(0.43) U	(0.4) U	(4.9) U
Nitrobenzene	98-95-3	10	(0.75) U	(0.39) U	(0.043) U	(0.04) U	(0.49) U
N-Nitrosodimethylamine	62-75-9	-	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(0.75)** U	(0.39) U	(0.043) U	(0.04) U	(0.49) U
N-Nitrosodiphenylamine	86-30-6	100	(7.5) U	(3.9) U	(0.43) U	(0.4) U	(4.9) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	68	40	(0.43) U	(0.4) U	44
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	**110**	57	(0.43) U	(0.4) U	61

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	OWS-3 (14-14.5)	OWS-3 (19.5-20)	OWS-4 (7-7.5)	OWS-4 (14-14.5)	OWS-4 (19.5-20)
		Lab ID	498937	498938	498939	498940	498941
		Sample Date	2/5/2004	2/5/2004	2/5/2004	2/5/2004	2/5/2004
		Depth Interval	14 - 14.5	19.5 - 20	7 - 7.5	14 - 14.5	19.5 - 20
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.041) U	(0.041) U	(0.042) U	(0.039) U	(0.038) U
1,2-Dichlorobenzene	95-50-1	50	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
1,4-Dichlorobenzene	106-46-7	100	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.081) U	(0.083) U	(0.084) U	(0.079) U	(0.077) U
2,6-Dinitrotoluene	606-20-2	-	(0.081) U	(0.083) U	(0.084) U	(0.079) U	(0.077) U
2-Chloronaphthalene	91-58-7	-	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.83) U	(0.84) U	(0.79) U	(0.77) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR	NR
Acenaphthene	83-32-9	100	(0.41) U	(0.41) U	0.42 J	(0.39) U	(0.38) U
Acenaphthylene	208-96-8	-	(0.41) U	(0.41) U	0.47	(0.39) U	(0.38) U
Anthracene	120-12-7	100	0.41 J	(0.41) U	1.6	(0.39) U	(0.38) U
Benz(a)anthracene	56-55-3	0.9	(0.041) U	(0.041) U	**4.6**	(0.039) U	(0.038) U
Benzidine	92-87-5	-	(1.6) U	(1.6) U	(1.7) U	(1.6) U	(1.5) U
Benzo(a)pyrene	50-32-8	0.66	(0.041) U	(0.041) U	**4.4**	(0.039) U	(0.038) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.041) U	(0.041) U	**3.3**	(0.039) U	(0.038) U
Benzo(g,h,i)perylene	191-24-2	-	(0.41) U	(0.41) U	2.4	(0.39) U	(0.38) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.041) U	(0.041) U	**3.9**	(0.039) U	(0.038) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.041) U	(0.041) U	(0.042) U	(0.039) U	(0.038) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.41 BJ	0.41 J	(0.42) U	(0.39) U	0.38 J
Butylbenzylphthalate	85-68-7	100	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.41) U	(0.41) U	5.1	(0.39) U	(0.38) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.041) U	(0.041) U	**0.98**	(0.039) U	(0.038) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
Dimethylphthalate	131-11-3	50	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
Di-n-butylphthalate	84-74-2	100	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
Di-n-octylphthalate	117-84-0	100	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
Fluoranthene	206-44-0	100	(0.41) U	(0.41) U	7.2	(0.39) U	0.38 J
Fluorene	86-73-7	100	(0.41) U	(0.41) U	0.43	(0.39) U	(0.38) U
Hexachlorobenzene	118-74-1	0.66	(0.041) U	(0.041) U	(0.042) U	(0.039) U	(0.038) U
Hexachlorobutadiene	87-68-3	1	(0.081) U	(0.083) U	(0.084) U	(0.079) U	(0.077) U
Hexachlorocyclopentadiene	77-47-4	100	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
Hexachloroethane	67-72-1	6	(0.041) U	(0.041) U	(0.042) U	(0.039) U	(0.038) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.041) U	(0.041) U	**2.4**	(0.039) U	(0.038) U
Isophorone	78-59-1	50	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.41) U	(0.41) U	0.42 J	(0.39) U	(0.38) U
Nitrobenzene	98-95-3	10	(0.041) U	(0.041) U	(0.042) U	(0.039) U	(0.038) U
N-Nitrosodimethylamine	62-75-9	-	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.041) U	(0.041) U	(0.042) U	(0.039) U	(0.038) U
N-Nitrosodiphenylamine	86-30-6	100	(0.41) U	(0.41) U	(0.42) U	(0.39) U	(0.38) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR	NR
Phenanthrene	85-01-8	-	(0.41) U	(0.41) U	6.6	(0.39) U	0.38 J
Phenol	108-95-2	50	NR	NR	NR	NR	NR
Pyrene	129-00-0	100	(0.41) U	(0.41) U	9.6	(0.39) U	0.38 J

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
† - Indicates missing depth data for historical samples.
B - Indicates that the analyte was reported in a blank sample.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	OWS-S1 (5-5.5)	OWS-S1 (15.5-16)	OWS-S2 (5-5.5)	SP-1 (0-0.5)
		Lab ID	498946	498947	498948	498951
		Sample Date	2/5/2004	2/5/2004	2/5/2004	2/5/2004
		Depth Interval	5.5 - 6	15.5 - 16	5.5 - 6	0 - 0.5
Analyte	**CAS-RN**	**MSSCC**				
1,2,4-Trichlorobenzene	120-82-1	68	(0.039) U	(0.041) U	(0.044) U	(0.037) U
1,2-Dichlorobenzene	95-50-1	50	(0.39) U	(0.41) U	(0.44) U	(0.37) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.39) U	(0.41) U	(0.44) U	(0.37) U
1,4-Dichlorobenzene	106-46-7	100	(0.39) U	(0.41) U	(0.44) U	(0.37) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-	(0.078) U	(0.081) U	(0.087) U	(0.074) U
2,6-Dinitrotoluene	606-20-2	-	(0.078) U	(0.081) U	(0.087) U	(0.074) U
2-Chloronaphthalene	91-58-7	-	(0.39) U	(0.41) U	(0.44) U	(0.37) U
2-Chlorophenol	95-57-8	10	NR	NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	(0.78) U	(0.81) U	(0.87) U	(0.74) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.39) U	(0.41) U	(0.44) U	(0.37) U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR	NR	NR
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.39) U	(0.41) U	(0.44) U	(0.37) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR	NR	NR
Acenaphthene	83-32-9	100	0.39 J	(0.41) U	(0.44) U	0.37 J
Acenaphthylene	208-96-8	-	0.39 J	(0.41) U	(0.44) U	0.37 J
Anthracene	120-12-7	100	0.63	(0.41) U	0.44 J	0.37 J
Benz(a)anthracene	56-55-3	0.9	**1.4**	(0.041) U	0.19	0.49
Benzidine	92-87-5	-	(1.6) U	(1.6) U	(1.7) U	(1.5) U
Benzo(a)pyrene	50-32-8	0.66	**1.1**	(0.041) U	0.18	0.58
Benzo(b)fluoranthene	205-99-2	0.9	**0.9**	(0.041) U	0.17	0.77
Benzo(g,h,i)perylene	191-24-2	-	1.1	(0.41) U	0.44 J	0.86
Benzo(k)fluoranthene	207-08-9	0.9	**1.1**	(0.041) U	0.2	0.83
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.39) U	(0.41) U	(0.44) U	(0.37) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.039) U	(0.041) U	(0.044) U	(0.037) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.39) U	(0.41) U	(0.44) U	(0.37) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.39) U	0.41 J	(0.44) U	(0.37) U
Butylbenzylphthalate	85-68-7	100	(0.39) U	(0.41) U	(0.44) U	(0.37) U
Carbazole	86-74-8	-	NR	NR	NR	NR
Chrysene	218-01-9	9	1.7	(0.41) U	0.44 J	0.75
Dibenz(a,h)anthracene	53-70-3	0.66	0.33	(0.041) U	0.07	0.26
Dibenzofuran	132-64-9	-	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.39) U	(0.41) U	(0.44) U	(0.37) U
Dimethylphthalate	131-11-3	50	(0.39) U	(0.41) U	(0.44) U	(0.37) U
Di-n-butylphthalate	84-74-2	100	(0.39) U	(0.41) U	(0.44) U	(0.37) U
Di-n-octylphthalate	117-84-0	100	(0.39) U	(0.41) U	(0.44) U	(0.37) U
Fluoranthene	206-44-0	100	2.7	(0.41) U	0.44 J	0.57
Fluorene	86-73-7	100	0.39 J	(0.41) U	(0.44) U	0.37 J
Hexachlorobenzene	118-74-1	0.66	(0.039) U	(0.041) U	(0.044) U	(0.037) U
Hexachlorobutadiene	87-68-3	1	(0.078) U	(0.081) U	(0.087) U	(0.074) U
Hexachlorocyclopentadiene	77-47-4	100	(0.39) U	(0.41) U	(0.44) U	(0.37) U
Hexachloroethane	67-72-1	6	(0.039) U	(0.041) U	(0.044) U	(0.037) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.88	(0.041) U	0.16	0.7
Isophorone	78-59-1	50	(0.39) U	(0.41) U	(0.44) U	(0.37) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.41	(0.41) U	(0.44) U	0.37 J
Nitrobenzene	98-95-3	10	(0.039) U	(0.041) U	(0.044) U	(0.037) U
N-Nitrosodimethylamine	62-75-9	-	(0.39) U	(0.41) U	(0.44) U	(0.37) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.039) U	(0.041) U	(0.044) U	(0.037) U
N-Nitrosodiphenylamine	86-30-6	100	(0.39) U	(0.41) U	(0.44) U	(0.37) U
o-cresol	95-48-7	1000	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR	NR	NR
Phenanthrene	85-01-8	-	3.2	(0.41) U	0.44 J	0.37 J
Phenol	108-95-2	50	NR	NR	NR	NR
Pyrene	129-00-0	100	3.7	(0.41) U	0.44 J	0.56

NOTES:
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D - Indicates compound identified in an analysis at a secondary dilution factor.
E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.
N - Presumptive evidence of a compound (used only for TICs).
NR - Indicates that the analyte was not requested.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
RE - Indicates that the analyte was a reanalyzed sample.
UR - Analyte in reanalyzed sample was tested for but not detected.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).
Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B0102.0	B0500.5	B0700.5	B0902.0	B1502.D
		Lab ID	602734	602740	602736	602735	602738
		Sample Date	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005
		Depth Interval	2 - 2.5	0.5 - 1	0.5 - 1	2 - 2.5	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
1,4-Dichlorobenzene	106-46-7	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
2,4-Dichlorophenol	120-83-2	10	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
2,4-Dimethylphenol	105-67-9	10	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
2,4-Dinitrophenol	51-28-5	10	(1.60) U	(1.50) U	(1.60) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
2-Chlorophenol	95-57-8	10	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.60) U	(1.50) U	(1.60) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.78) U	(0.74) U	(0.80) U	(0.79) U	(0.80) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
4-Chloro-3-methylphenol	59-50-7	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.60) U	(1.50) U	(1.60) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Acenaphthylene	208-96-8	-	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Anthracene	120-12-7	100	(0.39) U	(0.37) U	0.01 J	(0.39) U	(0.40) U
Benz(a)anthracene	56-55-3	0.9	0.03 J	0.03 J	0.06	0.02 J	(0.04) U
Benzidine	92-87-5	-	(1.60) U	(1.50) U	(1.60) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	0.02 J	0.03 J	0.04	0.02 J	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	0.02 J	0.03 J	0.04	0.02 J	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	0.02 J	0.03 J	0.04 J	(0.39) U	(0.40) U
Benzo(k)fluoranthene	207-08-9	0.9	0.03 J	0.04 J	0.05	0.02 J	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.42	0.18 J	1.10	0.12 J	0.18 J
Butylbenzylphthalate	85-68-7	100	(0.39) U	(0.37) U	0.12 J	(0.39) U	(0.40) U
Carbazole	86-74-8	-	NR	NR	NR	2.90	NR
Chrysene	218-01-9	9	0.05 J	0.04 J	0.06 J	0.02 J	(0.40) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Dimethylphthalate	131-11-3	50	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Di-n-butylphthalate	84-74-2	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Di-n-octylphthalate	117-84-0	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Fluoranthene	206-44-0	100	0.04 J	0.05 J	0.08 J	0.03 J	(0.40) U
Fluorene	86-73-7	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.02 J	0.02 J	0.03 J	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.39) U	(0.37) U	(0.04) U	(0.39) U	(0.40) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.02 J	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.60) U	(1.50) U	(1.60) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	0.05 J	0.03 J	0.06 J	0.01 J	(0.40) U
Phenol	108-95-2	50	(0.39) U	(0.37) U	(0.40) U	(0.39) U	(0.40) U
Pyrene	129-00-0	100	0.04 J	0.04 J	0.08 J	0.03 J	(0.40) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B0602.0	B0800.5	B1000.5	B1200.5	B1402.0
		Lab ID	602933	602932	602931	602930	602928
		Sample Date	1/26/2005	1/26/2005	1/26/2005	1/26/2005	1/26/2005
		Depth Interval	2 - 2.5	0.5 - 1	0.5 - 1	0.5 - 1	2 - 2.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
1,4-Dichlorobenzene	106-46-7	100	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2,4-Dichlorophenol	120-83-2	10	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2,4-Dimethylphenol	105-67-9	10	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2,4-Dinitrophenol	51-28-5	10	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2-Chlorophenol	95-57-8	10	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.80) U	(0.79) U	(0.82) U	(0.78) U	(0.81) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
4-Chloro-3-methylphenol	59-50-7	100	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	(0.40) U	0.01 J	0.02 J	0.02 J	(0.40) U
Acenaphthylene	208-96-8	-	(0.40) U	0.01 J	(0.41) U	0.02 J	(0.40) U
Anthracene	120-12-7	100	(0.40) U	0.06 J	0.05 J	0.08 J	(0.40) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	0.19	0.15	0.26	(0.04) U
Benzidine	92-87-5	-	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	0.18	0.12	0.23	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	0.17	0.10	0.27	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.40) U	0.09 J	0.08 J	0.09 J	(0.40) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	0.20	0.14	0.28	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.11 J	0.12 J	(0.41) U	0.12 J	(0.40) U
Butylbenzylphthalate	85-68-7	100	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.40) U	0.24 J	0.18 J	0.34 J	(0.40) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Dimethylphthalate	131-11-3	50	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Di-n-butylphthalate	84-74-2	100	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Di-n-octylphthalate	117-84-0	100	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Fluoranthene	206-44-0	100	(0.40) U	0.39 J	0.38 J	0.65	(0.40) U
Fluorene	86-73-7	100	(0.40) U	0.02 J	0.02 J	0.03 J	(0.40) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	0.08	0.08	0.09	(0.04) U
Isophorone	78-59-1	50	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.40) U	0.02 J	0.01 J	0.02 J	(0.40) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	(0.40) U	0.25 J	0.26 J	0.41	(0.40) U
Phenol	108-95-2	50	(0.40) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Pyrene	129-00-0	100	(0.40) U	0.38 J	0.32 J	0.56	(0.40) U

NOTES:

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D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B1502.0	B1602.0	B2104.0	B2104.D	B0201.0
		Lab ID	602737	602929	602934	602935	603133
		Sample Date	1/25/2005	1/26/2005	1/26/2005	1/26/2005	1/27/2005
		Depth Interval	2 - 2.5	2 - 2.5	4 - 4.5	4 - 4.5	1 - 1.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
1,4-Dichlorobenzene	106-46-7	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
2,4-Dichlorophenol	120-83-2	10	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
2,4-Dimethylphenol	105-67-9	10	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
2,4-Dinitrophenol	51-28-5	10	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
2-Chlorophenol	95-57-8	10	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.79) U	(0.80) U	(0.80) U	(0.80) U	(0.79) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
4-Chloro-3-methylphenol	59-50-7	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	0.01 J
Acenaphthylene	208-96-8	-	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Anthracene	120-12-7	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	0.02 J
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.18
Benzidine	92-87-5	-	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.33
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.44
Benzo(g,h,i)perylene	191-24-2	-	(0.40) U	(0.40) U	(0.40) U	(0.40) U	0.34 J
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.39
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.58	0.13 J	0.13 J	0.08 J	(0.39) U
Butylbenzylphthalate	85-68-7	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.40) U	(0.40) U	(0.40) U	(0.40) U	0.28 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.10
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Dimethylphthalate	131-11-3	50	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Di-n-butylphthalate	84-74-2	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Di-n-octylphthalate	117-84-0	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Fluoranthene	206-44-0	100	(0.40) U	(0.40) U	0.02 J	0.01 J	0.18 J
Fluorene	86-73-7	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.27
Isophorone	78-59-1	50	(0.40) U	(0.40) U		(0.40) U	(0.39) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	0.09 J
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	(0.40) U	(0.40) U	0.01 J	(0.40) U	0.12 J
Phenol	108-95-2	50	(0.40) U	(0.40) U	(0.40) U	(0.40) U	(0.39) U
Pyrene	129-00-0	100	(0.40) U	(0.40) U	0.01 J	0.01 J	0.19 J

NOTES:

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D - Indicates compound identified in an analysis at a secondary dilution factor.

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N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

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UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B1308.5	B1702.0	B0301.0	B0401.0	B1101.0
		Lab ID	603131	603132	604244	604245	604246
		Sample Date	1/27/2005	1/27/2005	2/2/2005	2/2/2005	2/2/2005
		Depth Interval	8.5 - 9	2 - 2.5	1 - 1.5	1 - 1.5	1 - 1.5
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
1,4-Dichlorobenzene	106-46-7	100	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
2,4-Dichlorophenol	120-83-2	10	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
2,4-Dimethylphenol	105-67-9	10	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
2,4-Dinitrophenol	51-28-5	10	(1.70) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
2-Chlorophenol	95-57-8	10	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.70) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.84) U	(0.78) U	(0.80) U	(0.78) U	(0.79) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
4-Chloro-3-methylphenol	59-50-7	100	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.70) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	0.49	(0.39) U	0.02 J	(0.39) U	(0.40) U
Acenaphthylene	208-96-8	-	(0.42) U	(0.39) U	0.02 J	0.01 J	(0.40) U
Anthracene	120-12-7	100	0.49	(0.39) U	0.06 J	0.02 J	(0.40) U
Benz(a)anthracene	56-55-3	0.9	0.09	(0.04) U	0.21	0.09	(0.04) U
Benzidine	92-87-5	-	(1.70) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	0.04	(0.04) U	0.20	0.08	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	0.03 J	(0.04) U	0.23	0.09	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.42) U	(0.39) U	0.10 J	0.06 J	(0.40) U
Benzo(k)fluoranthene	207-08-9	0.9	0.05	(0.04) U	0.27	0.10	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.42) U	(0.39) U	0.15 J	0.09 J	0.11 J
Butylbenzylphthalate	85-68-7	100	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
Carbazole	86-74-8	-	2.40	NR	NR	NR	NR
Chrysene	218-01-9	9	0.09 J	(0.39) U	0.29 J	0.10 J	(0.40) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
Dimethylphthalate	131-11-3	50	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
Di-n-butylphthalate	84-74-2	100	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
Di-n-octylphthalate	117-84-0	100	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
Fluoranthene	206-44-0	100	0.47	(0.39) U	0.45	0.17 J	(0.40) U
Fluorene	86-73-7	100	1.20	(0.39) U	0.02 J	(0.39) U	(0.40) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	0.09	0.05	(0.04) U
Isophorone	78-59-1	50	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.42) U	(0.39) U	0.04 J	0.02 J	(0.40) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.70) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	2.00	(0.39) U	0.31 J	0.10 J	(0.40) U
Phenol	108-95-2	50	(0.42) U	(0.39) U	(0.40) U	(0.39) U	(0.40) U
Pyrene	129-00-0	100	0.95	(0.39) U	0.42	0.16 J	(0.40) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B1800.5	B2001.0	D0103.5
		Lab ID	604247	604248	604249
		Sample Date	2/2/2005	2/2/2005	2/2/2005
		Depth Interval	0.5 - 1	1 - 1.5	3.5 - 4
Analyte	**CAS-RN**	**MSSCC**			
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.40) U	(0.40) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.40) U	(0.40) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.40) U	(0.40) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.40) U	(0.40) U	(0.41) U
2,4-Dichlorophenol	120-83-2	10	(0.40) U	(0.40) U	(0.41) U
2,4-Dimethylphenol	105-67-9	10	(0.40) U	(0.40) U	(0.41) U
2,4-Dinitrophenol	51-28-5	10	(1.60) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.40) U	(0.40) U	(0.41) U
2-Chlorophenol	95-57-8	10	(0.40) U	(0.40) U	(0.41) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.60) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.40) U	(0.40) U	(0.41) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.80) U	(0.80) U	(0.82) U
3-Nitroaniline	99-09-2	-	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.40) U	(0.40) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	(0.40) U	(0.40) U	(0.41) U
4-Chloroaniline	106-47-8	230	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.40) U	(0.40) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.60) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	0.01 J	0.05 J	0.01 J
Acenaphthylene	208-96-8	-	0.02 J	0.01 J	(0.41) U
Anthracene	120-12-7	100	0.04 J	0.10 J	0.02 J
Benz(a)anthracene	56-55-3	0.9	0.22	0.22	0.10
Benzidine	92-87-5	-	(1.60) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	0.20	0.14	0.09
Benzo(b)fluoranthene	205-99-2	0.9	0.21	0.18	0.11
Benzo(g,h,i)perylene	191-24-2	-	0.15 J	0.06 J	0.06 J
Benzo(k)fluoranthene	207-08-9	0.9	0.24	0.20	0.11
Benzyl alcohol	100-51-6	50	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.40) U	(0.40) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.40) U	(0.40) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.09 J	0.14 J	0.16 J
Butylbenzylphthalate	85-68-7	100	(0.40) U	(0.40) U	(0.41) U
Carbazole	86-74-8	-	0.35	NR	NR
Chrysene	218-01-9	9	0.24 J	0.27 J	0.14 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.40) U	(0.40) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.40) U	(0.40) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	(0.40) U	(0.40) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.40) U	(0.40) U	(0.41) U
Fluoranthene	206-44-0	100	0.34 J	0.47	0.21 J
Fluorene	86-73-7	100	0.01 J	0.07 J	(0.41) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.40) U	(0.40) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.12	0.07	0.05
Isophorone	78-59-1	50	(0.40) U	(0.40) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR
Naphthalene	91-20-3	100	(0.40) U	0.03 J	0.04 J
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.40) U	(0.40) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.40) U	(0.40) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.60) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	0.18 J	0.54	0.15 J
Phenol	108-95-2	50	(0.40) U	(0.40) U	(0.41) U
Pyrene	129-00-0	100	0.38 J	0.37 J	0.21 J

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	U0102.5	U0119.5	X0102.0	X0109.5	X0202.0	X0208.0
		Lab ID	627423	627424	627409	627410	627411	627412
		Sample Date	4/25/2005	4/25/2005	4/25/2005	4/25/2005	4/25/2005	4/25/2005
		Depth Interval	2.5 - 3	19.5 - 20	2 - 2.5	9.5 - 10	2 - 2.5	8 - 8.5
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
1,4-Dichlorobenzene	106-46-7	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
2,4-Dichlorophenol	120-83-2	10	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
2,4-Dimethylphenol	105-67-9	10	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
2,4-Dinitrophenol	51-28-5	10	(1.50) U	(1.50) U	(1.60) U	(1.70) U	(1.60) U	(1.70) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U
2-Chloronaphthalene	91-58-7	-	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
2-Chlorophenol	95-57-8	10	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.50) U	(1.50) U	(1.60) U	(1.70) U	(1.60) U	(1.70) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.76) U	(0.77) U	(0.79) U	(0.84) U	(0.79) U	(0.85) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
4-Chloro-3-methylphenol	59-50-7	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.50) U	(1.50) U	(1.60) U	(1.70) U	(1.60) U	(1.70) U
Acenaphthene	83-32-9	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Acenaphthylene	208-96-8	-	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Anthracene	120-12-7	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	0.02 J	(0.04) U	0.01 J	0.02 J
Benzidine	92-87-5	-	(1.50) U	(1.50) U	(1.60) U	(1.70) U	(1.60) U	(1.70) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.38) U	0.14 J	0.12 J	0.68	0.15 J	0.36 J
Butylbenzylphthalate	85-68-7	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.01 J	(0.38) U	0.02 J	(0.42) U	0.02 J	0.03 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Dimethylphthalate	131-11-3	50	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Di-n-butylphthalate	84-74-2	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Di-n-octylphthalate	117-84-0	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Fluoranthene	206-44-0	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Fluorene	86-73-7	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U
Hexachlorocyclopentadiene	77-47-4	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.38) U	(0.38) U	(0.40)	(0.42) U	(0.39) U	(0.42) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.50) U	(1.50) U	(1.60) U	(1.70) U	(1.60) U	(1.70) U
Phenanthrene	85-01-8	-	0.01 J	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Phenol	108-95-2	50	(0.38) U	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U
Pyrene	129-00-0	100	0.01 J	(0.38) U	(0.40) U	(0.42) U	(0.39) U	(0.42) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	X0302.0	X0304.0	X0402.5	X0407.5	X0502.0	X0512.0
		Lab ID	627413	627414	627415	627416	627417	627418
		Sample Date	4/25/2005	4/25/2005	4/25/2005	4/25/2005	4/25/2005	4/25/2005
		Depth Interval	2 - 2.5	4 - 4.5	2.5 - 3	7.5 - 8	2 - 2.5	12 - 12.5
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
2,4-Dichlorophenol	120-83-2	10	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
2,4-Dimethylphenol	105-67-9	10	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
2,4-Dinitrophenol	51-28-5	10	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
2-Chlorophenol	95-57-8	10	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.81) U	(0.82) U	(0.83) U	(0.83) U	(0.83) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	0.09 J	(0.41) U	0.02 J	(0.42) U	(0.41) U	(0.41) U
Acenaphthylene	208-96-8	-	0.04 J	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
Anthracene	120-12-7	100	0.24 J	(0.41) U	0.06 J	(0.42) U	(0.41) U	(0.41) U
Benz(a)anthracene	56-55-3	0.9	0.72	(0.04) U	0.17	(0.04) U	0.02 J	(0.04) U
Benzidine	92-87-5	-	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	0.62	(0.04) U	0.14	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	0.53	(0.04) U	0.12	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	0.27 J	(0.41) U	0.10 J	(0.42) U	(0.41) U	(0.41) U
Benzo(k)fluoranthene	207-08-9	0.9	0.65	(0.04) U	0.13	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.12 J	0.24 J	0.12 J	(0.42) U	(0.41) U	(0.41) U
Butylbenzylphthalate	85-68-7	100	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.90	(0.41) U	0.22 J	(0.42) U	0.02 J	(0.41) U
Dibenz(a,h)anthracene	53-70-3	0.66	0.11	(0.04) U	0.02 J	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
Fluoranthene	206-44-0	100	1.50	(0.41) U	0.37 J	(0.42) U	(0.41) U	(0.41) U
Fluorene	86-73-7	100	0.12 J	(0.41) U	0.03 J	(0.42) U	(0.41) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.26	(0.04) U	0.08	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.11 J	(0.41) U	0.06 J	(0.42) U	(0.41) U	(0.41) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	1.10	(0.41) U	0.33 J	(0.42) U	0.02 J	(0.41) U
Phenol	108-95-2	50	(0.40) U	(0.41) U	(0.41) U	(0.42) U	(0.41) U	(0.41) U
Pyrene	129-00-0	100	1.30	(0.41) U	0.33 J	(0.42) U	(0.41) U	(0.41) U

NOTES:

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NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**X0602.5**	**X0611.5**	**X0702.0**	**X0707.5**	**U0203.0**	**U0210.0**
		Lab ID	**627419**	**627420**	**627421**	**627422**	**627670**	**627671**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/26/2005**	**4/26/2005**
		Depth Interval	**2.5 - 3**	**11.5 - 12**	**2 - 2.5**	**7.5 - 8**	**3 - 3.5**	**10 - 10.5**
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
1,4-Dichlorobenzene	106-46-7	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
2,4-Dichlorophenol	120-83-2	10	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
2,4-Dimethylphenol	105-67-9	10	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
2,4-Dinitrophenol	51-28-5	10	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.6) U	(1.7) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U
2-Chloronaphthalene	91-58-7	-	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
2-Chlorophenol	95-57-8	10	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.6) U	(1.7) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.81) U	(0.81) U	(0.84) U	(0.79) U	(0.86) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
4-Chloro-3-methylphenol	59-50-7	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.6) U	(1.7) U
Acenaphthene	83-32-9	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Acenaphthylene	208-96-8	-	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Anthracene	120-12-7	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	0.02 J	(0.04) U	0.02 J	(0.04) U
Benzidine	92-87-5	-	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.6) U	(1.7) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.02 J	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.02 J	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	0.01 J	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Butylbenzylphthalate	85-68-7	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Carbazole	86-74-8	-	NR	NR	2.40	2.90	NR	NR
Chrysene	218-01-9	9	(0.40) U	(0.41) U	0.02 J	(0.42) U	0.04 J	(0.43) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Dimethylphthalate	131-11-3	50	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Di-n-butylphthalate	84-74-2	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Di-n-octylphthalate	117-84-0	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Fluoranthene	206-44-0	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	0.02 J	(0.43) U
Fluorene	86-73-7	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U
Hexachlorocyclopentadiene	77-47-4	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.40) U	(0.41) U	(0.40)	(0.42) U	(0.4) U	(0.43) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.60) U	(1.60) U	(1.60) U	(1.70) U	(1.6) U	(1.7) U
Phenanthrene	85-01-8	-	(0.40) U	(0.41) U	0.02 J	(0.42) U	0.02 J	(0.43) U
Phenol	108-95-2	50	(0.40) U	(0.41) U	(0.40) U	(0.42) U	(0.4) U	(0.43) U
Pyrene	129-00-0	100	(0.40) U	(0.41) U	(0.40) U	(0.42) U	0.04 J	(0.43) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0404.5**	**U0414.5**	**U0509.0**	**U0509.D**	**U0515.5**	**U0607.5**
		Lab ID	**627672**	**627673**	**627674**	**627675**	**627668**	**627676**
		Sample Date	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**
		Depth Interval	**4.5 - 5**	**14.5 - 15**	**9 - 9.5**	**9 - 9.5**	**15.5 - 16**	**7.5 - 8**
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
1,2-Dichlorobenzene	95-50-1	50	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
1,4-Dichlorobenzene	106-46-7	100	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
2,4-Dichlorophenol	120-83-2	10	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
2,4-Dimethylphenol	105-67-9	10	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
2,4-Dinitrophenol	51-28-5	10	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(3.3) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U	(0.16) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U	(0.16) U
2-Chloronaphthalene	91-58-7	-	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
2-Chlorophenol	95-57-8	10	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(3.3) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.84) U	(0.79) U	(0.82) U	(0.81) U	(0.85) U	(1.6) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
4-Chloro-3-methylphenol	59-50-7	100	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(3.3) U
Acenaphthene	83-32-9	100	0.03 J	(0.39) U	(0.41) U	(0.41) U	(0.42) U	0.02 J
Acenaphthylene	208-96-8	-	0.02 J	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Anthracene	120-12-7	100	0.09 J	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Benz(a)anthracene	56-55-3	0.9	0.3	(0.04) U	(0.04) U	(0.04) U	0.01 J	(0.08) U
Benzidine	92-87-5	-	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(3.3) U
Benzo(a)pyrene	50-32-8	0.66	0.26	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
Benzo(b)fluoranthene	205-99-2	0.9	0.2	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
Benzo(g,h,i)perylene	191-24-2	-	0.18 J	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Benzo(k)fluoranthene	207-08-9	0.9	0.3	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.42) U	(0.39) U	(0.41) U	(0.41) U	0.22 J	(0.82) U
Butylbenzylphthalate	85-68-7	100	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.38 J	(0.39) U	(0.41) U	(0.41) U	0.01 J	(0.82) U
Dibenz(a,h)anthracene	53-70-3	0.66	0.05	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Dimethylphthalate	131-11-3	50	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Di-n-butylphthalate	84-74-2	100	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Di-n-octylphthalate	117-84-0	100	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Fluoranthene	206-44-0	100	0.61	(0.39) U	0.01 J	(0.41) U	0.03 J	0.06 J
Fluorene	86-73-7	100	0.03 J	(0.39) U	(0.41) U	(0.41) U	0.01 J	0.02 J
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U	(0.16) U
Hexachlorocyclopentadiene	77-47-4	100	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.14	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
Isophorone	78-59-1	50	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.02 J	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
N-Nitrosodimethylamine	62-75-9	-	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.08) U
N-Nitrosodiphenylamine	86-30-6	100	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(3.3) U
Phenanthrene	85-01-8	-	0.49	(0.39) U	(0.41) U	(0.41) U	0.03 J	0.05 J
Phenol	108-95-2	50	(0.42) U	(0.39) U	(0.41) U	(0.41) U	(0.42) U	(0.82) U
Pyrene	129-00-0	100	0.65	(0.39) U	0.01 J	(0.41) U	0.03 J	0.05 J

NOTES:

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Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

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D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0305.0**	**U0317.5**	**U0646.5**	**U0705.5**	**U0805.5**	**U0906.0**
		Lab ID	**628261**	**628264**	**628260**	**628703**	**628701**	**628700**
		Sample Date	**4/27/2005**	**4/27/2005**	**4/27/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**
		Depth Interval	**5 - 5.5**	**17.5 - 18**	**46.5 - 47**	**5.5 - 6**	**5.5 - 6**	**6 - 6.5**
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
2,4-Dichlorophenol	120-83-2	10	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
2,4-Dimethylphenol	105-67-9	10	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
2,4-Dinitrophenol	51-28-5	10	(1.6) U	(1.6) U	(1.5) U	(1.6) U	(1.6) U	(1.7) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
2-Chlorophenol	95-57-8	10	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.6) U	(1.6) U	(1.5) U	(1.6) U	(1.6) U	(1.7) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.81) U	(0.76) U	(0.8) U	(0.79) U	(0.84) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
4-Chloro-3-methylphenol	59-50-7	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.6) U	(1.6) U	(1.5) U	(1.6) U	(1.6) U	(1.7) U
Acenaphthene	83-32-9	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Acenaphthylene	208-96-8	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Anthracene	120-12-7	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzidine	92-87-5	-	(1.6) U	(1.6) U	(1.5) U	(1.6) U	(1.6) U	(1.7) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.4) U	0.15 J	0.16 J	(0.4) U	(0.39) U	(0.42) U
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Dimethylphthalate	131-11-3	50	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Fluoranthene	206-44-0	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Fluorene	86-73-7	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.6) U	(1.6) U	(1.5) U	(1.6) U	(1.6) U	(1.7) U
Phenanthrene	85-01-8	-	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Phenol	108-95-2	50	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U
Pyrene	129-00-0	100	(0.4) U	(0.4) U	(0.38) U	(0.4) U	(0.39) U	(0.42) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U1006.0**	**U1106.0**	**U1214.5**	**U1306.0**	**U1416.0**	**U1516.0**
		Lab ID	**628698**	**628699**	**628710**	**628704**	**629057**	**629056**
		Sample Date	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/29/2005**	**4/29/2005**
		Depth Interval	**6 - 6.5**	**6 - 6.5**	**14.5 - 15**	**6 - 6.5**	**16 - 16.5**	**16 - 16.5**
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
2,4-Dichlorophenol	120-83-2	10	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
2,4-Dimethylphenol	105-67-9	10	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
2,4-Dinitrophenol	51-28-5	10	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(1.6) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
2-Chlorophenol	95-57-8	10	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(1.6) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.83) U	(0.82) U	(0.78) U	(0.8) U	(0.86) U	(0.83) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(1.6) U
Acenaphthene	83-32-9	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Acenaphthylene	208-96-8	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Anthracene	120-12-7	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzidine	92-87-5	-	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(1.6) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.42) U	0.09 J	(0.39) U	0.26 J	0.28 J	0.15 J
Butylbenzylphthalate	85-68-7	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Fluoranthene	206-44-0	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Fluorene	86-73-7	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.09) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.7) U	(1.6) U
Phenanthrene	85-01-8	-	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Phenol	108-95-2	50	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U
Pyrene	129-00-0	100	(0.42) U	(0.41) U	(0.39) U	(0.4) U	(0.43) U	(0.41) U

NOTES:

All results are presented in milligrams per kilogram.

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CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

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N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	U1516.D	U1616.0	U1716.0	U1806.0	V0608.0	V0715.5
		Lab ID	629053	629058	629055	629054	629376	629377
		Sample Date	4/29/2005	4/29/2005	4/29/2005	4/29/2005	5/2/2005	5/2/2005
		Depth Interval	16 - 16.5	16 - 16.5	16 - 16.5	6 - 6.5	8 - 8.5	15.5 - 16
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
2,4-Dichlorophenol	120-83-2	10	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
2,4-Dimethylphenol	105-67-9	10	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
2,4-Dinitrophenol	51-28-5	10	(1.6) U	(1.6) U	(1.7) U	(1.6) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
2-Chlorophenol	95-57-8	10	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.6) U	(1.6) U	(1.7) U	(1.6) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	3.20
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.81) U	(0.8) U	(0.84) U	(0.8) U	(0.82) U	(0.82) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.6) U	(1.6) U	(1.7) U	(1.6) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	0.68
Acenaphthylene	208-96-8	-	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
Anthracene	120-12-7	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	0.25 J
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	(0.04) U	0.01 J	0.01 J	(0.04) U
Benzidine	92-87-5	-	(1.6) U	(1.6) U	(1.7) U	(1.6) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.04) U	0.01 J	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.04) U	0.01 J	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.4) U	(0.4) U	(0.42) U	0.03 J	(0.41) U	(0.41) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.04) U	0.01 J	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.4) U	0.16 J	0.1 J	0.08 J	0.24 J	0.09 J
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	0.35
Chrysene	218-01-9	9	(0.4) U	(0.4) U	(0.42) U	0.03 J	0.01 J	0.03 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	0.02 J	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
Fluoranthene	206-44-0	100	0.02 J	(0.4) U	(0.42) U	0.01 J	0.02 J	0.11 J
Fluorene	86-73-7	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	1.10
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.04) U	0.02 J	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	0.02 J	(0.41) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.6) U	(1.6) U	(1.7) U	(1.6) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	0.01 J	(0.4) U	(0.42) U	0.02 J	0.03 J	2.20
Phenol	108-95-2	50	(0.4) U	(0.4) U	(0.42) U	(0.4) U	(0.41) U	(0.41) U
Pyrene	129-00-0	100	0.01 J	(0.4) U	(0.42) U	0.02 J	0.01 J	0.16 J

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D0516.5**	**D0522.5**	**V0314.0**	**V0415.0**	**V0415.D**	**V0522.0**
		Lab ID	**629658**	**629659**	**629657**	**629654**	**629655**	**629656**
		Sample Date	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/3/2005**
		Depth Interval	**16.5-17**	**22.5-23**	**14 - 14.5**	**15 - 15.5**	**15 - 15.5**	**22 - 22.5**
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(2.6) U	(2.2) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	1.9 J	1.4 J	(0.42) U	(0.40) U	(0.40) U	(0.40) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
1,4-Dichlorobenzene	106-46-7	100	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	**(26) U**	**(22) U**	(0.42) U	(0.40) U	(0.40) U	(0.40) U
2,4-Dichlorophenol	120-83-2	10	**(26) U**	**(22) U**	(0.42) U	(0.40) U	(0.40) U	(0.40) U
2,4-Dimethylphenol	105-67-9	10	**(26) U**	**(22) U**	(0.42) U	(0.40) U	(0.40) U	(0.40) U
2,4-Dinitrophenol	51-28-5	10	**(100) U**	**(89) U**	(1.70) U	(1.60) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(5.1) U	(4.4) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(5.1) U	(4.4) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
2-Chlorophenol	95-57-8	10	**(26) U**	**(22) U**	(0.42) U	(0.40) U	(0.40) U	(0.40) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(100) U	(89) U	(1.70) U	(1.60) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
3,3'-Dichlorobenzidine	91-94-1	2	**(51) U**	**(44) U**	(0.83) U	(0.79) U	(0.80) U	(0.80) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
4-Chloro-3-methylphenol	59-50-7	100	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(100) U	(89) U	(1.70) U	(1.60) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	(26) U	(22) U	(0.42) U	(0.40) U	0.02 J	(0.40) U
Acenaphthylene	208-96-8	-	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Anthracene	120-12-7	100	2 J	1.2 J	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Benz(a)anthracene	56-55-3	0.9	**(2.6) U**	0.54 J	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzidine	92-87-5	-	(100) U	(89) U	(1.70) U	(1.60) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	**(2.6) U**	**(2.2) U**	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	**(2.6) U**	**(2.2) U**	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Benzo(k)fluoranthene	207-08-9	0.9	**(2.6) U**	**(2.2) U**	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
bis(2-Chloroethyl)ether	111-44-4	0.66	**(2.6) U**	**(2.2) U**	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	**(26) U**	**(22) U**	(0.42) U	(0.40) U	(0.40) U	(0.40) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(26) U	(22) U	(0.42) U	0.10 J	0.09 J	0.11 J
Butylbenzylphthalate	85-68-7	100	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	**(26) U**	1.5 J	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Dibenz(a,h)anthracene	53-70-3	0.66	**(2.6) U**	**(2.2) U**	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Dimethylphthalate	131-11-3	50	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Di-n-butylphthalate	84-74-2	100	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Di-n-octylphthalate	117-84-0	100	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Fluoranthene	206-44-0	100	3.6 J	2.7 J	(0.42) U	0.02 J	0.02 J	(0.40) U
Fluorene	86-73-7	100	4.6 J	3.3 J	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Hexachlorobenzene	118-74-1	0.66	**(2.6) U**	**(2.2) U**	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	**(5.1) U**	**(4.4) U**	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Hexachloroethane	67-72-1	6	(2.6) U	(2.2) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	**(2.6) U**	**(2.2) U**	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(26) U	(22) U	(0.42) U		(0.40) U	(0.40) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	15 J	12 J	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Nitrobenzene	98-95-3	10	(2.6) U	(2.2) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	**(2.6) U**	**(2.2) U**	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	**(100) U**	**(89) U**	(1.70) U	(1.60) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	11 J	6.9 J	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Phenol	108-95-2	50	(26) U	(22) U	(0.42) U	(0.40) U	(0.40) U	(0.40) U
Pyrene	129-00-0	100	3.2 J	1.9 J	0.01 J	0.03 J	0.03 J	(0.40) U

NOTES:

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D - Indicates compound identified in an analysis at a secondary dilution factor.

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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	D0418.0	D0606.0	D0708.0	D0805.5	D0907.5	V0208.5
		Lab ID	630052	630048	630049	630050	630051	630046
		Sample Date	5/4/2005	5/4/2005	5/4/2005	5/4/2005	5/4/2005	5/4/2005
		Depth Interval	18 - 18.5	6 - 6.5	8 - 8.5	5.5 - 6	7.5 - 8	8.5 - 9
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
1,2-Dichlorobenzene	95-50-1	50	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
1,4-Dichlorobenzene	106-46-7	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
2,4-Dichlorophenol	120-83-2	10	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
2,4-Dimethylphenol	105-67-9	10	(0.43) U	0.98 J	(0.4) U	130	(0.4) U	(0.55) U
2,4-Dinitrophenol	51-28-5	10	(1.7) U	(35) U	(1.6) U	(41) U	(1.6) U	(2.20) U
2,4-Dinitrotoluene	121-14-2	-	(0.09) U	(1.7) U	(0.08) U	(2) U	(0.08) U	(0.11) U
2,6-Dinitrotoluene	606-20-2	-	(0.09) U	(1.7) U	(0.08) U	(2) U	(0.08) U	(0.11) U
2-Chloronaphthalene	91-58-7	-	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
2-Chlorophenol	95-57-8	10	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.7) U	(35) U	(1.6) U	(41) U	(1.6) U	(2.20) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.86) U	(17) U	(0.79) U	(20) U	(0.81) U	(1.10) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
4-Chloro-3-methylphenol	59-50-7	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.7) U	(35) U	(1.6) U	(41) U	(1.6) U	(2.20) U
Acenaphthene	83-32-9	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Acenaphthylene	208-96-8	-	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Anthracene	120-12-7	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
Benzidine	92-87-5	-	(1.7) U	(35) U	(1.6) U	(41) U	(1.6) U	(2.20) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
Benzo(g,h,i)perylene	191-24-2	-	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.43) U	5.7 J	0.17 J	7 J	0.15 J	(0.55) U
Butylbenzylphthalate	85-68-7	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Dimethylphthalate	131-11-3	50	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Di-n-butylphthalate	84-74-2	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Di-n-octylphthalate	117-84-0	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Fluoranthene	206-44-0	100	(0.43) U	0.21 J	(0.4) U	0.96 J	(0.4) U	(0.55) U
Fluorene	86-73-7	100	(0.43) U	(8.7) U	(0.4) U	0.24 J	(0.4) U	(0.55) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
Hexachlorobutadiene	87-68-3	1	(0.09) U	(1.7) U	(0.08) U	(2) U	(0.08) U	(0.11) U
Hexachlorocyclopentadiene	77-47-4	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
Isophorone	78-59-1	50	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.43) U	(8.7) U	(0.4) U	1 J	(0.4) U	(0.55) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
N-Nitrosodimethylamine	62-75-9	-	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.87) U	(0.04) U	(1) U	(0.04) U	(0.06) U
N-Nitrosodiphenylamine	86-30-6	100	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.7) U	(35) U	(1.6) U	(41) U	(1.6) U	(2.20) U
Phenanthrene	85-01-8	-	(0.43) U	0.23 J	(0.4) U	0.91 J	(0.4) U	(0.55) U
Phenol	108-95-2	50	(0.43) U	(8.7) U	(0.4) U	(10) U	(0.4) U	(0.55) U
Pyrene	129-00-0	100	(0.43) U	0.21 J	(0.4) U	0.92 J	(0.4) U	(0.55) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	V0228.5	V1A14.0	A0514.5	A0911.5	A1312.0	A1712.0
		Lab ID	630047	630045	634064	634065	634066	634062
		Sample Date	5/4/2005	5/4/2005	5/18/2005	5/18/2005	5/18/2005	5/18/2005
		Depth Interval	8.5 - 9	14 - 14.5	14.5 - 15	11.5 - 12	12 - 12.5	12 - 12.5
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
1,4-Dichlorobenzene	106-46-7	100	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
2,4-Dichlorophenol	120-83-2	10	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
2,4-Dimethylphenol	105-67-9	10	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
2,4-Dinitrophenol	51-28-5	10	(1.60) U	(1.60) U	(3.20) U	(1.60) U	(1.70) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.16) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.16) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
2-Chlorophenol	95-57-8	10	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.60) U	(1.60) U	(3.20) U	(1.60) U	(1.70) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	4.80	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.78) U	(0.80) U	(1.60) U	(0.78) U	(0.83) U	(0.83) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
4-Chloro-3-methylphenol	59-50-7	100	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.60) U	(1.60) U	(3.20) U	(1.60) U	(1.70) U	(1.60) U
Acenaphthene	83-32-9	100	(0.39) U	(0.40) U	0.51 J	0.17 J	(0.42) U	(0.41) U
Acenaphthylene	208-96-8	-	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Anthracene	120-12-7	100	(0.39) U	(0.40) U	(0.80) U	0.14 J	(0.42) U	(0.41) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	0.03 J	0.06	(0.04) U	(0.04) U
Benzidine	92-87-5	-	(1.60) U	(1.60) U	(3.20) U	(1.60) U	(1.70) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	0.10 J
Butylbenzylphthalate	85-68-7	100	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.39) U	(0.40) U	0.07 J	0.16 J	(0.42) U	(0.41) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Dimethylphthalate	131-11-3	50	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Di-n-butylphthalate	84-74-2	100	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Di-n-octylphthalate	117-84-0	100	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Fluoranthene	206-44-0	100	(0.39) U	(0.40) U	0.04 J	0.04 J	(0.42) U	(0.41) U
Fluorene	86-73-7	100	(0.39) U	(0.40) U	1.00	0.54	(0.42) U	(0.41) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.16) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.39) U	(0.40) U	0.22 J	(0.39) U	(0.42) U	(0.41) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.08) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.60) U	(1.60) U	(3.20) U	(1.60) U	(1.70) U	(1.60) U
Phenanthrene	85-01-8	-	(0.39) U	(0.40) U	2.40	0.44	(0.42) U	(0.41) U
Phenol	108-95-2	50	(0.39) U	(0.40) U	(0.80) U	(0.39) U	(0.42) U	(0.41) U
Pyrene	129-00-0	100	(0.39) U	(0.40) U	0.09 J	0.13 J	(0.42) U	(0.41) U

NOTES:

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N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A1734.8	D0421.0	D0430.5	D1116.5	D1121.0	D1122.5
		Lab ID	634063	634068	634069	637612	637613	637614
		Sample Date	5/18/2005	5/18/2005	5/18/2005	5/31/2005	5/31/2005	5/31/2005
		Depth Interval	34.8 - 35.3	21 - 21.5	30.5 - 31	16.5 - 17	21 - 21.5	22.5 - 23
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.41) U	(2.20) U	(0.04) U	(0.04) U	(0.06) U
1,2-Dichlorobenzene	95-50-1	50	(0.44) U	0.70 J	1.80 J	(0.42) U	(0.43) U	(0.61) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
1,4-Dichlorobenzene	106-46-7	100	(0.44) U	0.16 J	(22.00) U	(0.42) U	(0.43) U	(0.61) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.44) U	(4.10) U	**(22.00)** U	(0.42) U	(0.43) U	(0.61) U
2,4-Dichlorophenol	120-83-2	10	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
2,4-Dimethylphenol	105-67-9	10	(0.44) U	(4.10) U	**(22.00)** U	(0.42) U	(0.43) U	(0.61) U
2,4-Dinitrophenol	51-28-5	10	(1.80) U	**(16.00)** U	**(89.00)** U	(1.70) U	(1.70) U	(2.40) U
2,4-Dinitrotoluene	121-14-2	-	(0.09) U	(0.82) U	(4.40) U	(0.08) U	(0.09) U	(0.12) U
2,6-Dinitrotoluene	606-20-2	-	(0.09) U	(0.82) U	(4.40) U	(0.08) U	(0.09) U	(0.12) U
2-Chloronaphthalene	91-58-7	-	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
2-Chlorophenol	95-57-8	10	(0.44) U	(4.10) U	**(22.00)** U	(0.42) U	(0.43) U	(0.61) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.80) U	(16.00) U	(89.00) U	(1.70) U	(1.70) U	(2.40) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.89) U	**(8.20)** U	**(44.00)** U	(0.84) U	(0.86) U	(1.20) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
4-Chloro-3-methylphenol	59-50-7	100	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.80) U	(16.00) U	(89.00) U	(1.70) U	(1.70) U	(2.40) U
Acenaphthene	83-32-9	100	(0.44) U	0.21 J	1.30 J	(0.42) U	(0.43) U	(0.61) U
Acenaphthylene	208-96-8	-	(0.44) U	0.21 J	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Anthracene	120-12-7	100	(0.44) U	0.49 J	2.50 J	(0.42) U	(0.43) U	(0.61) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.41) U	**(2.20)** U	(0.04) U	(0.04) U	(0.06) U
Benzidine	92-87-5	-	(1.80) U	(16.00) U	(89.00) U	(1.70) U	(1.70) U	(2.40) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.41) U	**(2.20)** U	(0.04) U	(0.04) U	(0.06) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.41) U	**(2.20)** U	(0.04) U	(0.04) U	(0.06) U
Benzo(g,h,i)perylene	191-24-2	-	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.41) U	**(2.20)** U	(0.04) U	(0.04) U	(0.06) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.41) U	**(2.20)** U	(0.04) U	(0.04) U	(0.06) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.44) U	(4.10) U	**(22.00)** U	(0.42) U	(0.43) U	(0.61) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.44) U	(4.10) U	(22.00) U	(0.42) U	0.14 J	0.15 J
Butylbenzylphthalate	85-68-7	100	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.44) U	0.77 J	5.00 J	(0.42) U	(0.43) U	(0.61) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.41) U	(2.20) U	(0.04) U	(0.04) U	(0.06) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Dimethylphthalate	131-11-3	50	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Di-n-butylphthalate	84-74-2	100	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Di-n-octylphthalate	117-84-0	100	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Fluoranthene	206-44-0	100	(0.44) U	0.72 J	2.70 J	(0.42) U	(0.43) U	(0.61) U
Fluorene	86-73-7	100	(0.44) U	0.71 J	4.40 J	(0.42) U	(0.43) U	(0.61) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.41) U	**(2.20)** U	(0.04) U	(0.04) U	(0.06) U
Hexachlorobutadiene	87-68-3	1	(0.09) U	(0.82) U	**(4.40)** U	(0.08) U	(0.09) U	(0.12) U
Hexachlorocyclopentadiene	77-47-4	100	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.41) U	(2.20) U	(0.04) U	(0.04) U	(0.06) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.41) U	**(2.20)** U	(0.04) U	(0.04) U	(0.06) U
Isophorone	78-59-1	50	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.44) U	1.30 J	5.30 J	(0.42) U	(0.43) U	(0.61) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.41) U	(2.20) U	(0.04) U	(0.04) U	(0.06) U
N-Nitrosodimethylamine	62-75-9	-	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.41) U	**(2.20)** U	(0.04) U	(0.04) U	(0.06) U
N-Nitrosodiphenylamine	86-30-6	100	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.80) U	**(16.00)** U	**(89.00)** U	(1.70) U	(1.70) U	(2.40) U
Phenanthrene	85-01-8	-	(0.44) U	2.90 J	13.00 J	(0.42) U	(0.43) U	(0.61) U
Phenol	108-95-2	50	(0.44) U	(4.10) U	(22.00) U	(0.42) U	(0.43) U	(0.61) U
Pyrene	129-00-0	100	(0.44) U	0.89 J	(22.00) U	(0.42) U	(0.43) U	(0.61) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	D1129.0	D1216.5	D1221.0	D1222.0	D1230.5	W0109.0
		Lab ID	637615	637616	637617	637618	637619	637621
		Sample Date	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005
		Depth Interval	29 - 29.5	16.5 - 17	21 - 21.5	22 - 22.5	30.5 - 31	9 - 9.5
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
1,2-Dichlorobenzene	95-50-1	50	0.61 J	(0.42) U	(0.43) U	(0.42) U	0.08 J	(2.10) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
1,4-Dichlorobenzene	106-46-7	100	0.12 J	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
2,4-Dichlorophenol	120-83-2	10	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
2,4-Dimethylphenol	105-67-9	10	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
2,4-Dinitrophenol	51-28-5	10	(7.90) U	(1.70) U	(1.70) U	(1.70) U	(3.90) U	(8.30) U
2,4-Dinitrotoluene	121-14-2	-	(0.40) U	(0.08) U	(0.09) U	(0.08) U	(0.20) U	(0.41) U
2,6-Dinitrotoluene	606-20-2	-	(0.40) U	(0.08) U	(0.09) U	(0.08) U	(0.20) U	(0.41) U
2-Chloronaphthalene	91-58-7	-	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
2-Chlorophenol	95-57-8	10	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(7.90) U	(1.70) U	(1.70) U	(1.70) U	(3.90) U	(8.30) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	13.00
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
3,3'-Dichlorobenzidine	91-94-1	2	**(4.00)** U	(0.84) U	(0.86) U	(0.84) U	**(2.00)** U	**(4.10)** U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
4-Chloro-3-methylphenol	59-50-7	100	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(7.90) U	(1.70) U	(1.70) U	(1.70) U	(3.90) U	(8.30) U
Acenaphthene	83-32-9	100	0.12 J	(0.42) U	(0.43) U	(0.42) U	(0.98) U	0.74 J
Acenaphthylene	208-96-8	-	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	0.19 J
Anthracene	120-12-7	100	0.28 J	(0.42) U	(0.43) U	(0.42) U	0.05 J	0.43 J
Benz(a)anthracene	56-55-3	0.9	(0.20) U	(0.04) U	(0.04) U	(0.04) U	0.02 J	0.08 J
Benzidine	92-87-5	-	(7.90) U	(1.70) U	(1.70) U	(1.70) U	(3.90) U	(8.30) U
Benzo(a)pyrene	50-32-8	0.66	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	0.09 J
Benzo(b)fluoranthene	205-99-2	0.9	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
Benzo(g,h,i)perylene	191-24-2	-	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	0.04 J
Benzo(k)fluoranthene	207-08-9	0.9	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.48 J	0.11 J	0.11 J	0.11 J	(0.98) U	(2.10) U
Butylbenzylphthalate	85-68-7	100	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(2.00) U	(0.42) U	(0.43) U	(0.42) U	0.09 J	0.17 J
Dibenz(a,h)anthracene	53-70-3	0.66	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
Dimethylphthalate	131-11-3	50	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
Di-n-butylphthalate	84-74-2	100	0.55 J	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
Di-n-octylphthalate	117-84-0	100	0.45 J	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
Fluoranthene	206-44-0	100	0.31 J	(0.42) U	(0.43) U	(0.42) U	0.09 J	0.21 J
Fluorene	86-73-7	100	0.33 J	(0.42) U	(0.43) U	(0.42) U	0.07 J	1.40 J
Hexachlorobenzene	118-74-1	0.66	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
Hexachlorobutadiene	87-68-3	1	(0.40) U	(0.08) U	(0.09) U	(0.08) U	(0.20) U	(0.41) U
Hexachlorocyclopentadiene	77-47-4	100	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
Hexachloroethane	67-72-1	6	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
Isophorone	78-59-1	50	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	0.37 J	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
Nitrobenzene	98-95-3	10	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
N-Nitrosodimethylamine	62-75-9	-	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.20) U	(0.04) U	(0.04) U	(0.04) U	(0.10) U	(0.21) U
N-Nitrosodiphenylamine	86-30-6	100	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	**(7.90)** U	(1.70) U	(1.70) U	(1.70) U	(3.90) U	**(8.30)** U
Phenanthrene	85-01-8	-	0.93 J	(0.42) U	(0.43) U	(0.42) U	0.45 J	3.20
Phenol	108-95-2	50	(2.00) U	(0.42) U	(0.43) U	(0.42) U	(0.98) U	(2.10) U
Pyrene	129-00-0	100	0.38 J	(0.42) U	(0.43) U	(0.42) U	0.07 J	0.73 J

NOTES:

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D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	W0111.0	A0108.0	A0108.D	A0119.5	A1034.0	A1047.0
		Lab ID	637622	638636	638637	638638	638639	638640
		Sample Date	5/31/2005	6/2/2005	6/2/2005	6/2/2005	6/2/2005	6/2/2005
		Depth Interval	11 - 11.5	8 - 8.5	8 - 8.5	19.5 - 20	34 - 34.5	47 - 47.5
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.19) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
1,4-Dichlorobenzene	106-46-7	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
2,4-Dichlorophenol	120-83-2	10	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
2,4-Dimethylphenol	105-67-9	10	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
2,4-Dinitrophenol	51-28-5	10	(7.80) U	(1.60) U	(1.60) U	(1.50) U	(1.60) U	(1.70) U
2,4-Dinitrotoluene	121-14-2	-	(0.39) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.39) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
2-Chlorophenol	95-57-8	10	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(7.80) U	(1.60) U	(1.60) U	(1.50) U	(1.60) U	(1.70) U
2-Methylnaphthalene	91-57-6	-	34.00	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
3,3'-Dichlorobenzidine	91-94-1	2	**(3.90)** U	(0.79) U	(0.79) U	(0.76) U	(0.79) U	(0.83) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
4-Chloro-3-methylphenol	59-50-7	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(7.80) U	(1.60) U	(1.60) U	(1.50) U	(1.60) U	(1.70) U
Acenaphthene	83-32-9	100	2.50	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Acenaphthylene	208-96-8	-	0.64 J	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Anthracene	120-12-7	100	1.70 J	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Benz(a)anthracene	56-55-3	0.9	0.40	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzidine	92-87-5	-	(7.80) U	(1.60) U	(1.60) U	(1.50) U	(1.60) U	(1.70) U
Benzo(a)pyrene	50-32-8	0.66	0.24	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	0.14 J	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	0.18 J	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Benzo(k)fluoranthene	207-08-9	0.9	0.13 J	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.19) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(1.90) U	0.10 J	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Butylbenzylphthalate	85-68-7	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	0.55 J	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.19) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Dimethylphthalate	131-11-3	50	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Di-n-butylphthalate	84-74-2	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Di-n-octylphthalate	117-84-0	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Fluoranthene	206-44-0	100	0.79 J	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Fluorene	86-73-7	100	4.20	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Hexachlorobenzene	118-74-1	0.66	(0.19) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.39) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Hexachloroethane	67-72-1	6	(0.19) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.08 J	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Nitrobenzene	98-95-3	10	(0.19) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.19) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	**(7.80)** U	(1.60) U	(1.60) U	(1.50) U	(1.60) U	(1.70) U
Phenanthrene	85-01-8	-	11.00	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Phenol	108-95-2	50	(1.90) U	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U
Pyrene	129-00-0	100	2.30	(0.39) U	(0.40) U	(0.38) U	(0.40) U	(0.42) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A2126.0	A2137.5	A2217.5	A2230.5	D1316.5	D1321.0
		Lab ID	638641	638642	638643	638644	638645	638646
		Sample Date	6/2/2005	6/2/2005	6/2/2005	6/2/2005	6/2/2005	6/2/2005
		Depth Interval	26 - 26.5	37.5 - 38	17.5 - 18	30.5 - 31	16.5 - 17	21 - 21.5
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
1,4-Dichlorobenzene	106-46-7	100	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
2,4-Dichlorophenol	120-83-2	10	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
2,4-Dimethylphenol	105-67-9	10	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
2,4-Dinitrophenol	51-28-5	10	(3.00) U	(1.60) U	(1.60) U	(1.50) U	(1.70) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.15) U	(0.08) U	(0.08) U	(0.07) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.15) U	(0.08) U	(0.08) U	(0.07) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
2-Chlorophenol	95-57-8	10	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(3.00) U	(1.60) U	(1.60) U	(1.50) U	(1.70) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	12.00	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
3,3'-Dichlorobenzidine	91-94-1	2	(1.50) U	(0.82) U	(0.80) U	(0.73) U	(0.84) U	(0.81) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
4-Chloro-3-methylphenol	59-50-7	100	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(3.00) U	(1.60) U	(1.60) U	(1.50) U	(1.70) U	(1.60) U
Acenaphthene	83-32-9	100	1.00	(0.41) U	0.10 J	(0.36) U	(0.42) U	(0.40) U
Acenaphthylene	208-96-8	-	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Anthracene	120-12-7	100	0.40 J	(0.41) U	0.05 J	(0.36) U	(0.42) U	(0.40) U
Benz(a)anthracene	56-55-3	0.9	(0.08) U	(0.04) U	0.03 J	(0.04) U	(0.04) U	(0.04) U
Benzidine	92-87-5	-	(3.00) U	(1.60) U	(1.60) U	(1.50) U	(1.70) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Butylbenzylphthalate	85-68-7	100	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.75) U	(0.41) U	0.05 J	(0.36) U	(0.42) U	(0.40) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Dimethylphthalate	131-11-3	50	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Di-n-butylphthalate	84-74-2	100	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Di-n-octylphthalate	117-84-0	100	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Fluoranthene	206-44-0	100	0.10 J	(0.41) U	0.02 J	(0.36) U	(0.42) U	(0.40) U
Fluorene	86-73-7	100	2.40	(0.41) U	0.24 J	(0.36) U	(0.42) U	(0.40) U
Hexachlorobenzene	118-74-1	0.66	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.15) U	(0.08) U	(0.08) U	(0.07) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Hexachloroethane	67-72-1	6	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	2.00	(0.41) U	0.02 J	(0.36) U	(0.42) U	(0.40) U
Nitrobenzene	98-95-3	10	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.08) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(3.00) U	(1.60) U	(1.60) U	(1.50) U	(1.70) U	(1.60) U
Phenanthrene	85-01-8	-	5.50	0.01 J	0.55	(0.36) U	(0.42) U	(0.40) U
Phenol	108-95-2	50	(0.75) U	(0.41) U	(0.40) U	(0.36) U	(0.42) U	(0.40) U
Pyrene	129-00-0	100	0.24 J	(0.41) U	0.06 J	(0.36) U	(0.42) U	(0.40) U

NOTES:

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RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

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Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	D1322.5	D1329.0	A0511.5	A0523.5	A2016.5	A2030.5
		Lab ID	638647	638648	639322	639323	639320	639321
		Sample Date	6/2/2005	6/2/2005	6/3/2005	6/3/2005	6/3/2005	6/3/2005
		Depth Interval	22.5 - 23	29 - 29.5	11.5 - 12	23.5 - 24	16.5 - 17	30.5 - 31
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
1,4-Dichlorobenzene	106-46-7	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
2,4-Dichlorophenol	120-83-2	10	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
2,4-Dimethylphenol	105-67-9	10	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
2,4-Dinitrophenol	51-28-5	10	(1.70) U	(1.70) U	**(17.00)** U	(1.50) U	(1.60) U	(1.70) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.09) U	(0.84) U	(0.07) U	(0.08) U	(0.09) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.09) U	(0.84) U	(0.07) U	(0.08) U	(0.09) U
2-Chloronaphthalene	91-58-7	-	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
2-Chlorophenol	95-57-8	10	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.70) U	(1.70) U	(17.00) U	(1.50) U	(1.60) U	(1.70) U
2-Methylnaphthalene	91-57-6	-	NR	NR	36.00	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.84) U	(0.86) U	**(8.40)** U	(0.74) U	(0.80) U	(0.86) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
4-Chloro-3-methylphenol	59-50-7	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.70) U	(1.70) U	(17.00) U	(1.50) U	(1.60) U	(1.70) U
Acenaphthene	83-32-9	100	(0.42) U	(0.43) U	3.80 J	(0.37) U	(0.40) U	(0.43) U
Acenaphthylene	208-96-8	-	(0.42) U	(0.43) U	0.82 J	(0.37) U	(0.40) U	(0.43) U
Anthracene	120-12-7	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
Benzidine	92-87-5	-	(1.70) U	(1.70) U	(17.00) U	(1.50) U	(1.60) U	(1.70) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Butylbenzylphthalate	85-68-7	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Dimethylphthalate	131-11-3	50	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Di-n-butylphthalate	84-74-2	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Di-n-octylphthalate	117-84-0	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Fluoranthene	206-44-0	100	(0.42) U	(0.43) U	0.18 J	(0.37) U	(0.40) U	(0.43) U
Fluorene	86-73-7	100	(0.42) U	(0.43) U	7.30	(0.37) U	(0.40) U	(0.43) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.09) U	(0.84) U	(0.07) U	(0.08) U	(0.09) U
Hexachlorocyclopentadiene	77-47-4	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.42) U	(0.43) U	7.10	(0.37) U	(0.40) U	(0.43) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.42) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.70) U	(1.70) U	**(17.00)** U	(1.50) U	(1.60) U	(1.70) U
Phenanthrene	85-01-8	-	(0.42) U	(0.43) U	14.00	(0.37) U	(0.40) U	(0.43) U
Phenol	108-95-2	50	(0.42) U	(0.43) U	(4.20) U	(0.37) U	(0.40) U	(0.43) U
Pyrene	129-00-0	100	(0.42) U	(0.43) U	0.37 J	(0.37) U	(0.40) U	(0.43) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	D1016.5	D1021.0	D1022.5	D1030.5	D1031.5	D1419.5
		Lab ID	639314	639315	639316	639317	639318	639319
		Sample Date	6/3/2005	6/3/2005	6/3/2005	6/3/2005	6/3/2005	6/3/2005
		Depth Interval	16.5 - 17	21 - 21.5	22.5 - 23	30.5 - 31	31.5 - 32	19.5 - 20
Analyte	**CAS-RN**	**MSSCC**						
1,2,4-Trichlorobenzene	120-82-1	68	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
1,2-Dichlorobenzene	95-50-1	50	(0.50) U	(0.46) U	(2.30) U	0.08 J	(0.46) U	(2.20) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
1,4-Dichlorobenzene	106-46-7	100	(0.50) U	(0.46) U	(2.30) U	0.08 J	(0.46) U	(2.20) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
2,4-Dichlorophenol	120-83-2	10	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
2,4-Dimethylphenol	105-67-9	10	(0.50) U	0.02 J	0.08 J	(2.20) U	(0.46) U	(2.20) U
2,4-Dinitrophenol	51-28-5	10	(2.00) U	(1.80) U	(9.40) U	(8.90) U	(1.80) U	(8.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.10) U	(0.09) U	(0.47) U	(0.45) U	(0.09) U	(0.43) U
2,6-Dinitrotoluene	606-20-2	-	(0.10) U	(0.09) U	(0.47) U	(0.45) U	(0.09) U	(0.43) U
2-Chloronaphthalene	91-58-7	-	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
2-Chlorophenol	95-57-8	10	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(2.00) U	(1.80) U	(9.40) U	(8.90) U	(1.80) U	(8.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
3,3'-Dichlorobenzidine	91-94-1	2	(1.00) U	(0.91) U	**(4.70)** U	**(4.50)** U	(0.92) U	**(4.30)** U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
4-Chloro-3-methylphenol	59-50-7	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(2.00) U	(1.80) U	(9.40) U	(8.90) U	(1.80) U	(8.60) U
Acenaphthene	83-32-9	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Acenaphthylene	208-96-8	-	(0.50) U	(0.46) U	(2.30) U	(2.20) U	0.02 J	(2.20) U
Anthracene	120-12-7	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Benz(a)anthracene	56-55-3	0.9	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
Benzidine	92-87-5	-	(2.00) U	(1.80) U	(9.40) U	(8.90) U	(1.80) U	(8.60) U
Benzo(a)pyrene	50-32-8	0.66	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
Benzo(g,h,i)perylene	191-24-2	-	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Butylbenzylphthalate	85-68-7	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Dimethylphthalate	131-11-3	50	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Di-n-butylphthalate	84-74-2	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Di-n-octylphthalate	117-84-0	100	(0.50) U	(0.46) U	0.93 J	(2.20) U	(0.46) U	(2.20) U
Fluoranthene	206-44-0	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Fluorene	86-73-7	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Hexachlorobenzene	118-74-1	0.66	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
Hexachlorobutadiene	87-68-3	1	(0.10) U	(0.09) U	(0.47) U	(0.45) U	(0.09) U	(0.43) U
Hexachlorocyclopentadiene	77-47-4	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Hexachloroethane	67-72-1	6	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
Isophorone	78-59-1	50	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Nitrobenzene	98-95-3	10	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
N-Nitrosodimethylamine	62-75-9	-	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.05) U	(0.05) U	(0.23) U	(0.22) U	(0.05) U	(0.22) U
N-Nitrosodiphenylamine	86-30-6	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(2.00) U	(1.80) U	**(9.40)** U	**(8.90)** U	(1.80) U	**(8.60)** U
Phenanthrene	85-01-8	-	(0.50) U	(0.46) U	(2.30) U	0.08 J	(0.46) U	(2.20) U
Phenol	108-95-2	50	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U
Pyrene	129-00-0	100	(0.50) U	(0.46) U	(2.30) U	(2.20) U	(0.46) U	(2.20) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 6
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1521.5**	**D1600.0**	**D1604.0**	**D1700.0**	**D1704.0**
		Lab ID	**639324**	**639991**	**639992**	**639993**	**639994**
		Sample Date	**6/3/2005**	**6/7/2005**	**6/7/2005**	**6/7/2005**	**6/7/2005**
		Depth Interval	**21.5 - 22**	**0 - 0.5**	**4 - 4.5**	**0 - 0.5**	**4 - 4.5**
Analyte	**CAS-RN**	**MSSCC**					
1,2,4-Trichlorobenzene	120-82-1	68	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
1,2-Dichlorobenzene	95-50-1	50	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR	NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
1,4-Dichlorobenzene	106-46-7	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2,4,5-Trichlorophenol	95-95-4	50	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2,4-Dichlorophenol	120-83-2	10	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2,4-Dimethylphenol	105-67-9	10	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2,4-Dinitrophenol	51-28-5	10	(1.50) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
2,4-Dinitrotoluene	121-14-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2,6-Dinitrotoluene	606-20-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
2-Chloronaphthalene	91-58-7	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2-Chlorophenol	95-57-8	10	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
2-Methyl-4,6-dinitrophenol	534-52-1	-	(1.50) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
2-Methylnaphthalene	91-57-6	-	NR	NR	NR	NR	NR
2-Nitroaniline	88-74-4	-	NR	NR	NR	NR	NR
2-Nitrophenol	88-75-5	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
3,3'-Dichlorobenzidine	91-94-1	2	(0.75) U	(0.81) U	(0.82) U	(0.79) U	(0.80) U
3-Nitroaniline	99-09-2	-	NR	NR	NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
4-Chloro-3-methylphenol	59-50-7	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
4-Chloroaniline	106-47-8	230	NR	NR	NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
4-Nitroaniline	100-01-6	-	NR	NR	NR	NR	NR
4-Nitrophenol	100-02-7	-	(1.50) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Acenaphthene	83-32-9	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Acenaphthylene	208-96-8	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Anthracene	120-12-7	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Benz(a)anthracene	56-55-3	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzidine	92-87-5	-	(1.50) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Benzo(a)pyrene	50-32-8	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(b)fluoranthene	205-99-2	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzo(g,h,i)perylene	191-24-2	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Benzo(k)fluoranthene	207-08-9	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Benzyl alcohol	100-51-6	50	NR	NR	NR	NR	NR
bis(2-Chloroethoxy)methane	111-91-1	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
bis(2-Chloroethyl)ether	111-44-4	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
bis(2-Chloroisopropyl)ether	108-60-1	10	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
bis(2-Ethylhexyl)phthalate	117-81-7	49	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Butylbenzylphthalate	85-68-7	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Carbazole	86-74-8	-	NR	NR	NR	NR	NR
Chrysene	218-01-9	9	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Dibenz(a,h)anthracene	53-70-3	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Dibenzofuran	132-64-9	-	NR	NR	NR	NR	NR
Diethylphthalate	84-66-2	50	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Dimethylphthalate	131-11-3	50	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Di-n-butylphthalate	84-74-2	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Di-n-octylphthalate	117-84-0	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Fluoranthene	206-44-0	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Fluorene	86-73-7	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Hexachlorobenzene	118-74-1	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexachlorobutadiene	87-68-3	1	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Hexachlorocyclopentadiene	77-47-4	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Hexachloroethane	67-72-1	6	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Hexadecanoic acid	540-10-3	-	NR	NR	NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Isophorone	78-59-1	50	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
m&p-Cresol	106-44-5	2800	NR	NR	NR	NR	NR
Naphthalene	91-20-3	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Nitrobenzene	98-95-3	10	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodimethylamine	62-75-9	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
N-Nitroso-di-n-propylamine	621-64-7	0.66	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
N-Nitrosodiphenylamine	86-30-6	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
o-cresol	95-48-7	1000	NR	NR	NR	NR	NR
Pentachlorophenol	87-86-5	6	(1.50) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Phenanthrene	85-01-8	-	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Phenol	108-95-2	50	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U
Pyrene	129-00-0	100	(0.38) U	(0.40) U	(0.41) U	(0.39) U	(0.40) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

† - Indicates missing depth data for historical samples.

B - Indicates that the analyte was reported in a blank sample.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E- Indicates that the analyte concentration exceeds calibration range of the instrument for the specific analysis.

N - Presumptive evidence of a compound (used only for TICs).

NR - Indicates that the analyte was not requested.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

RE - Indicates that the analyte was a reanalyzed sample.

UR - Analyte in reanalyzed sample was tested for but not detected.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results or the Method Detection Limit exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**S-1**	**S-2**	**S1-HOLE-4-(0-2)**	**S2-HOLE-4-(2-4)**	**Site1-Sample 1(0-2)**
		Lab ID	**87610**	**87611**	**87713**	**87714**	**90036**
		Sample Date	**7/18/1988**	**7/18/1988**	**7/19/1988**	**7/19/1988**	**8/18/1988**
		Depth Interval	**†**	**†**	**0 - 2**	**2 - 4**	**0 - 2**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.1) U	(0.1) U	(0.1) U	(0.2) U	(0.8) U
Aroclor-1221	11104-28-2	-	(0.1) U	(0.1) U	(0.1) U	(0.2) U	(0.8) U
Aroclor-1232	11141-16-5	-	(0.1) U	(0.1) U	(0.1) U	(0.2) U	(0.8) U
Aroclor-1242	53469-21-9	-	(0.1) U	(0.1) U	(0.1) U	(0.2) U	(0.8) U
Aroclor-1248	12672-29-6	-	(0.1) U	(0.1) U	(0.1) U	(0.2) U	(0.8) U
Aroclor-1254	11097-69-1	-	(0.1) U	(0.1) U	(0.1) U	(0.2) U	(1.6) U
Aroclor-1260	11096-82-5	-	0.2	(0.1) U	(0.1) U	(0.2) U	(1.6) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	0.2	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	(0.02) U	(0.02) U	(0.8) U	(0.16) U	(4) U
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	(0.02) U	(0.02) U	(0.4) U	(0.08) U	(4) U
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	(0.02) U	(0.02) U	(0.8) U	(0.16) U	(4) U
Aldrin	309-00-2	0.04	(0.1) U	(0.01) U	(0.4) U	(0.08) U	(2) U
alpha_BHC	319-84-6	-	(0.1) U	(0.01) U	(0.4) U	(0.08) U	(2) U
beta_BHC	319-85-7	-	(0.1) U	(0.01) U	(0.4) U	(0.08) U	(2) U
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	(0.01) U	(0.01) U	(0.4) U	(0.08) U	(2) U
Dieldrin	60-57-1	0.042	(0.02) U	(0.02) U	(0.8) U	(0.16) U	(4) U
Endosulfan_I	959-98-8	-	(0.01) U	(0.01) U	(0.4) U	(0.08) U	(2) U
Endosulfan_II	33213-65-9	-	(0.02) U	(0.02) U	(0.8) U	(0.16) U	(4) U
Endosulfan_sulfate	1031-07-8	-	(0.02) U	(0.02) U	(0.8) U	(0.16) U	(4) U
Endrin	72-20-8	17	(0.02) U	(0.02) U	(0.8) U	(0.16) U	(4) U
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	(0.01) U	(0.01) U	(0.4) U	(0.08) U	(2) U
Heptachlor epoxide	1024-57-3	-	(0.01) U	(0.01) U	(0.4) U	(0.08) U	(2) U
Lindane	58-89-9	0.52	(0.01) U	(0.01) U	(0.4) U	(0.08) U	(2) U
Toxaphene	8001-35-2	0.1	(0.2) U	(0.2) U	(2) U	(0.4) U	(40) U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**Site1-Sample 2(2-4)**	**Site 6-Sample1 (0-3)**	**Site 7-Sample3**	**S1**	**S2**
		Lab ID	**90037**	**90505**	**91261**	**60158001**	**60158002**
		Sample Date	**8/18/1988**	**8/24/1988**	**9/2/1988**	**1/17/1996**	**1/17/1996**
		Depth Interval	**2 - 4**	**0 - 3**	**4 - 6**	**0 - †**	**0 - †**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(2) U	(0.2) U	(0.2) U	(0.12) U	(0.11) U
Aroclor-1221	11104-28-2	-	(2) U	(0.2) U	(0.2) U	(0.12) U	(0.11) U
Aroclor-1232	11141-16-5	-	(2) U	(0.2) U	(0.2) U	(0.12) U	(0.11) U
Aroclor-1242	53469-21-9	-	(2) U	(0.2) U	(0.2) U	(0.12) U	(0.11) U
Aroclor-1248	12672-29-6	-	(2) U	(0.2) U	(0.2) U	(0.12) U	(0.11) U
Aroclor-1254	11097-69-1	-	(4) U	(0.2) U	(0.2) U	0.32	**0.71**
Aroclor-1260	11096-82-5	-	(4) U	(0.2) U	(0.2) U	(0.12) U	(0.11) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	0.32	**0.71**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	(4) U	(0.04) U	(0.004) U	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	(4) U	(0.04) U	(0.004) U	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	(4) U	(0.04) U	(0.004) U	NR	NR
Aldrin	309-00-2	0.04	(2) U	(0.02) U	(0.002) U	NR	NR
alpha_BHC	319-84-6	-	(2) U	(0.02) U	(0.002) U	NR	NR
beta_BHC	319-85-7	-	(2) U	(0.02) U	(0.002) U	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	(2) U	(0.02) U	(0.002) U	NR	NR
Dieldrin	60-57-1	0.042	(4) U	(0.04) U	(0.004) U	NR	NR
Endosulfan_I	959-98-8	-	(2) U	(0.02) U	(0.002) U	NR	NR
Endosulfan_II	33213-65-9	-	(4) U	(0.04) U	(0.004) U	NR	NR
Endosulfan_sulfate	1031-07-8	-	(4) U	(0.04) U	(0.004) U	NR	NR
Endrin	72-20-8	17	(4) U	(0.04) U	(0.004) U	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	(2) U	(0.02) U	(0.002) U	NR	NR
Heptachlor epoxide	1024-57-3	-	(2) U	(0.02) U	(0.002) U	NR	NR
Lindane	58-89-9	0.52	(2) U	(0.02) U	(0.002) U	NR	NR
Toxaphene	8001-35-2	0.1	(40) U	(0.4) U	(0.04) U	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**S3**	**S4**	**S5**	**S6**	**S7**
		Lab ID	**60158003**	**60158004**	**60158005**	**60158006**	**60158007**
		Sample Date	**1/17/1996**	**1/17/1996**	**1/17/1996**	**1/17/1996**	**1/17/1996**
		Depth Interval	**0 - †**	**0 - †**	**0 - †**	**0 - †**	**0 - †**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.14) U	(0.17) U	(0.83) U	(0.56) U	(0.26) U
Aroclor-1221	11104-28-2	-	(0.14) U	(0.17) U	(0.83) U	(0.56) U	(0.26) U
Aroclor-1232	11141-16-5	-	(0.14) U	(0.17) U	(0.83) U	(0.56) U	(0.26) U
Aroclor-1242	53469-21-9	-	(0.14) U	(0.17) U	(0.83) U	(0.56) U	(0.26) U
Aroclor-1248	12672-29-6	-	(0.14) U	(0.17) U	(0.83) U	(0.56) U	(0.26) U
Aroclor-1254	11097-69-1	-	0.48	0.4	0.45 J	**3**	**0.73**
Aroclor-1260	11096-82-5	-	(0.14) U	(0.17) U	(0.83) U	0.56 U	0.26 U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	0.48	0.4	0.45	**3**	**0.73**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**S8**	**DUPLICATE**	**PES-12-1**	**PES-12-2**	**PES-12-3**
		Lab ID	**60158008**	**60158009**	**61929001**	**61929002**	**61929003**
		Sample Date	**1/17/1996**	**1/17/1996**	**5/10/1996**	**5/10/1996**	**5/10/1996**
		Depth Interval	**0 - †**	**0 - †**	**14 - 14.5**	**14 - 14.5**	**14 - 14.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(3.3) U	(0.13) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1221	11104-28-2	-	(3.3) U	(0.13) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1232	11141-16-5	-	(3.3) U	(0.13) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1242	53469-21-9	-	(3.3) U	(0.13) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1248	12672-29-6	-	(3.3) U	(0.13) U	0.03 J	(0.34) U	(0.06) U
Aroclor-1254	11097-69-1	-	**2.4** J	**0.51**	(0.04) U	(0.04) U	(0.04) U
Aroclor-1260	11096-82-5	-	(3.3) U	(0.13) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	**2.4**	**0.51**	0.03	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**PES-12-4**	**PES-12-5**	**PES-12-6**	**SS-12-01**	**SS-12-02**
		Lab ID	**61929004**	**61929005**	**61929006**	**62049001**	**62049002**
		Sample Date	**5/10/1996**	**5/10/1996**	**5/10/1996**	**5/21/1996**	**5/21/1996**
		Depth Interval	**14 - 14.5**	**14 - 14.5**	**14 - 14.5**	**12 - 12.5**	**11.5 - 12**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.04) U	(0.03) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1221	11104-28-2	-	(0.04) U	(0.03) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1232	11141-16-5	-	(0.04) U	(0.03) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1242	53469-21-9	-	(0.04) U	(0.03) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1248	12672-29-6	-	(0.04) U	(0.03) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1254	11097-69-1	-	(0.04) U	(0.03) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1260	11096-82-5	-	(0.04) U	(0.03) U	(0.04) U	(0.04) U	(0.04) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**SS-12-03**	**SS-12-07**	**AOC1-1**	**AOC1-2**	**AOC1-3**
		Lab ID	**62049003**	**62049004**	**73807001**	**73807002**	**73807003**
		Sample Date	**5/21/1996**	**5/21/1996**	**8/21/1997**	**8/21/1997**	**8/21/1997**
		Depth Interval	**11.5 - 12**	**10.5 - 11**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.04) U	(0.03) U	(0.03) U	0.72 U	(0.03) U
Aroclor-1221	11104-28-2	-	(0.04) U	(0.03) U	(0.03) U	0.72 U	(0.03) U
Aroclor-1232	11141-16-5	-	(0.04) U	(0.03) U	(0.03) U	0.72 U	(0.03) U
Aroclor-1242	53469-21-9	-	(0.04) U	(0.03) U	(0.03) U	0.72 U	(0.03) U
Aroclor-1248	12672-29-6	-	(0.04) U	(0.03) U	(0.03) U	0.72 U	(0.03) U
Aroclor-1254	11097-69-1	-	0.03 J	0.04	(0.03) U	0.72 U	(0.03) U
Aroclor-1260	11096-82-5	-	(0.04) U	(0.03) U	0.01 J	4.7 U	(0.074) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	0.03	0.04	0.01	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

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CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC1-4**	**AOC1-5**	**AOC1-6**	**AOC1-7**	**AOC1-8**
		Lab ID	**73807004**	**73807005**	**73807006**	**73807007**	**73807008**
		Sample Date	**8/21/1997**	**8/21/1997**	**8/21/1997**	**8/21/1997**	**8/21/1997**
		Depth Interval	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.03) U	(0.04) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1221	11104-28-2	-	(0.03) U	(0.04) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1232	11141-16-5	-	(0.03) U	(0.04) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1242	53469-21-9	-	(0.03) U	(0.04) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1248	12672-29-6	-	(0.03) U	(0.04) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1254	11097-69-1	-	(0.03) U	(0.04) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1260	11096-82-5	-	(0.01) J	**0.93**	0.12	0.21	(0.03) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	0.01	**0.93**	0.12	0.21	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC1-9**	**AOC1-2B**	**AOC1-5B**	**AOC1-10**	**AOC1-10B**
		Lab ID	**73807010**	**74135001**	**74135002**	**74135003**	**74135004**
		Sample Date	**8/21/1997**	**9/5/1997**	**9/5/1997**	**9/5/1997**	**9/5/1997**
		Depth Interval	**0 - 0.5**	**1.7 - 2**	**1.5 - 2**	**0 - 0.5**	**2 - 2.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1221	11104-28-2	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1232	11141-16-5	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1242	53469-21-9	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1248	12672-29-6	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1254	11097-69-1	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1260	11096-82-5	-	0.04	(0.04) U	(0.03) U	0.03 J	(0.04) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	0.04	ND	ND	0.03	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC1-11**	**AOC1-11 B**	**AOC1-12**	**AOC1-12B**	**AOC1-13**
		Lab ID	**74135010**	**74135011**	**74135008**	**74135009**	**74135005**
		Sample Date	**9/5/1997**	**9/5/1997**	**9/5/1997**	**9/5/1997**	**9/5/1997**
		Depth Interval	**0 - 0.5**	**1.5 - 2**	**0 - 0.5**	**0.5 - 1**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.03) U	(0.03) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1221	11104-28-2	-	(0.03) U	(0.03) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1232	11141-16-5	-	(0.03) U	(0.03) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1242	53469-21-9	-	(0.03) U	(0.03) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1248	12672-29-6	-	(0.03) U	(0.03) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1254	11097-69-1	-	(0.03) U	(0.03) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1260	11096-82-5	-	(0.03) U	(0.03) U	(0.03) U	(0.03) U	(0.03) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC1-13B**	**AOC1-15B**	**10ND17SS1**	**10ND3SS1**	**10ND1SS1**
		Lab ID	**74135006**	**74135007**	**84791003**	**84791002**	**84791001**
		Sample Date	**9/5/1997**	**9/5/1997**	**10/28/1998**	**10/28/1998**	**10/28/1998**
		Depth Interval	**1.3 - 1.7**	**1.3 - 1.7**	**2 - 2.5**	**2.5 - 3**	**3 - 3.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1221	11104-28-2	-	(0.04) U	(0.04) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1242	53469-21-9	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1248	12672-29-6	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1254	11097-69-1	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1260	11096-82-5	-	(0.04) U	(0.04) U	(0.03) U	(0.04) U	(0.04) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**10-ND31SS1**	**10ND21SS1D**	**10-ND5-SS1**	**10-ND7-SS1**	**10-ND9SS1**
		Lab ID	**84791009**	**8483006**	**84791004**	**8483007**	**84791005**
		Sample Date	**10/28/1998**	**10/29/1998**	**10/29/1998**	**10/29/1998**	**10/29/1998**
		Depth Interval	**2.5 - 3**	**3.5 - 4**	**1.5 - 2**	**1.5 - 2**	**5.5 - 6**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.04) U	(0.04) U	(0.04) U	(0.03) U	(0.04) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.04) U	(0.04) U	(0.04) U	(0.03) U	(0.04) U
Aroclor-1242	53469-21-9	-	(0.04) U	(0.04) U	(0.04) U	(0.03) U	(0.04) U
Aroclor-1248	12672-29-6	-	(0.04) U	(0.04) U	(0.04) U	(0.03) U	(0.04) U
Aroclor-1254	11097-69-1	-	(0.04) U	(0.04) U	(0.04) U	(0.03) U	(0.04) U
Aroclor-1260	11096-82-5	-	(0.04) U	(0.04) U	(0.04) U	(0.03) U	(0.04) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

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CAS-RN = Chemical Abstract Service Registry Number.

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**10-ND11SS1**	**10-ND13SS1**	**10-ND15SS1**	**10-ND19SS1**	**10-ND21SS1**
		Lab ID	**84791006**	**84791007**	**84791008**	**84791010**	**8483002**
		Sample Date	**10/29/1998**	**10/29/1998**	**10/29/1998**	**10/29/1998**	**10/29/1998**
		Depth Interval	**4 - 4.5**	**6.5 - 7**	**1.5 - 2**	**2.5 - 3**	**3.5 - 4**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.03) U	(0.03) U	(0.04) U	(0.03) U	(0.04) U
Aroclor-1221	11104-28-2	-	(0.07) U	(0.07) U	(0.08) U	(0.07) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.03) U	(0.03) U	(0.04) U	(0.03) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.03) U	(0.03) U	(0.04) U	(0.03) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.03) U	(0.03) U	(0.04) U	(0.03) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.03) U	(0.03) U	(0.04) U	(0.03) U	(0.08) U
Aroclor-1260	11096-82-5	-	0.01 J	(0.03) U	(0.04) U	(0.03) U	(0.08) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	0.01	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

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D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**10-ND23SS1**	**10-ND25SS1**	**10-ND27SS1**	**10-ND29SS1**	**USTB-SS6**
		Lab ID	**8483004**	**8483005**	**8483003**	**8483001**	**92462004**
		Sample Date	**10/29/1998**	**10/29/1998**	**10/29/1998**	**10/29/1998**	**6/16/1999**
		Depth Interval	**6 - 6.5**	**3.5 - 4**	**1.5 - 2**	**0.5 - 1**	**17.5 - 18**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.03) U	(0.03) U	(0.03) U	(0.04) U	(0.01) U
Aroclor-1221	11104-28-2	-	(0.07) U	(0.07) U	(0.07) U	(0.08) U	(0.01) U
Aroclor-1232	11141-16-5	-	(0.03) U	(0.03) U	(0.03) U	(0.04) U	(0.01) U
Aroclor-1242	53469-21-9	-	(0.03) U	(0.03) U	(0.03) U	(0.04) U	(0.01) U
Aroclor-1248	12672-29-6	-	(0.03) U	(0.03) U	(0.03) U	(0.04) U	(0.01) U
Aroclor-1254	11097-69-1	-	(0.03) U	(0.03) U	(0.03) U	(0.04) U	(0.01) U
Aroclor-1260	11096-82-5	-	0.0064 J	(0.03) U	(0.03) U	(0.04) U	(0.01) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	0.0064	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**USTA-SS1A**	**USTA-SS2A**	**USTA-SS3A**	**USTB-SS2A**	**USTB-SS2A1**
		Lab ID	**92462003**	**92462002**	**92462001**	**92474006**	**92474007**
		Sample Date	**6/16/1999**	**6/16/1999**	**6/16/1999**	**6/17/1999**	**6/17/1999**
		Depth Interval	**10 - 10.5**	**10 - 10.5**	**18 - 18.5**	**18 - 18.5**	**18 - 18.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.02) U	(0.01) U	(0.01) U	(0.0099) U	(0.01) U
Aroclor-1221	11104-28-2	-	(0.02) U	(0.01) U	(0.01) U	(0.0099) U	(0.01) U
Aroclor-1232	11141-16-5	-	(0.02) U	(0.01) U	(0.01) U	(0.0099) U	(0.01) U
Aroclor-1242	53469-21-9	-	(0.02) U	(0.01) U	(0.01) U	(0.0099) U	(0.01) U
Aroclor-1248	12672-29-6	-	(0.02) U	0.1	(0.01) U	(0.0099) U	(0.01) U
Aroclor-1254	11097-69-1	-	(0.02) U	(0.01) U	(0.01) U	(0.0099) U	(0.01) U
Aroclor-1260	11096-82-5	-	(0.02) U	(0.01) U	(0.01) U	(0.0099) U	(0.01) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	0.1	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**USTB-SS2B**	**USTB-SS3A**	**USTB-SS3B**	**USTB-SS4A**	**USTB-SS4B**
		Lab ID	**92474008**	**92474004**	**92474005**	**92474002**	**92474003**
		Sample Date	**6/17/1999**	**6/17/1999**	**6/17/1999**	**6/17/1999**	**6/17/1999**
		Depth Interval	**24 - 24.5**	**18 - 18.5**	**24 - 24.5**	**18 - 18.5**	**21.5 - 22**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.01) U	(0.01) U	(0.01) U	(0.0095) U	(0.0097) U
Aroclor-1221	11104-28-2	-	(0.01) U	(0.01) U	(0.01) U	(0.0095) U	(0.0097) U
Aroclor-1232	11141-16-5	-	(0.01) U	(0.01) U	(0.01) U	(0.0095) U	(0.0097) U
Aroclor-1242	53469-21-9	-	(0.01) U	(0.01) U	(0.01) U	(0.0095) U	(0.0097) U
Aroclor-1248	12672-29-6	-	(0.01) U	0.05	(0.01) U	(0.0095) U	(0.0097) U
Aroclor-1254	11097-69-1	-	(0.01) U	(0.01) U	(0.01) U	(0.0095) U	(0.0097) U
Aroclor-1260	11096-82-5	-	(0.01) U	(0.01) U	(0.01) U	(0.0095) U	(0.0097) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	0.05	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**USTB-SS5A**	**Sump 1**	**Sump 2**
		Lab ID	**92474001**	**230362**	**230363**
		Sample Date	**6/17/1999**	**9/20/2000**	**9/20/2000**
		Depth Interval	**18.5 - 19**	**0 - †**	**0 - †**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**			
Aroclor-1016	12674-11-2	-	(0.01) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.01) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.01) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.01) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.01) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.01) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.01) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	NR	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	NR	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**			
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3D-5**	**3D-9**	**3C-3A**	**3C-5A**	**3D-2A**
		Lab ID	**394524**	**394788**	**394795**	**394798**	**394792**
		Sample Date	**12/3/2002**	**12/4/2002**	**12/4/2002**	**12/4/2002**	**12/4/2002**
		Depth Interval	**1 - 1.5**	**1.5 - 2**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.07) U	(0.07) U	(0.73) U	(0.07) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.07) U	(0.07) U	(0.73) U	(0.07) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.07) U	(0.07) U	(0.73) U	(0.07) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.07) U	(0.07) U	(0.73) U	(0.07) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.07) U	(0.07) U	(0.73) U	(0.07) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.07) U	(0.07) U	(0.73) U	(0.07) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.07) U	(0.07) U	**11**	0.19	0.3
Aroclor-1262	37324-23-5	-	(0.07) U	(0.07) U	(0.73) U	(0.07) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.07) U	(0.07) U	(0.73) U	(0.07) U	(0.08) U
Total Aroclor		0.49	ND	ND	**11**	0.19	0.3
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3D-3A**	**3D-7A**	**3D-12A**	**3D-13A**	**3D-15A**
		Lab ID	**394773**	**394776**	**394785**	**394782**	**394779**
		Sample Date	**12/4/2002**	**12/4/2002**	**12/4/2002**	**12/4/2002**	**12/4/2002**
		Depth Interval	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.07) U	(0.07) U	(0.08) U	(0.09) U	(0.07) U
Aroclor-1221	11104-28-2	-	(0.07) U	(0.07) U	(0.08) U	(0.09) U	(0.07) U
Aroclor-1232	11141-16-5	-	(0.07) U	(0.07) U	(0.08) U	(0.09) U	(0.07) U
Aroclor-1242	53469-21-9	-	(0.07) U	(0.07) U	(0.08) U	(0.09) U	(0.07) U
Aroclor-1248	12672-29-6	-	(0.07) U	(0.07) U	(0.08) U	(0.09) U	(0.07) U
Aroclor-1254	11097-69-1	-	(0.07) U	(0.07) U	(0.08) U	(0.09) U	(0.07) U
Aroclor-1260	11096-82-5	-	(0.07) U	0.15	(0.08) U	**0.7**	**0.68**
Aroclor-1262	37324-23-5	-	(0.07) U	(0.07) U	(0.08) U	(0.09) U	(0.07) U
Aroclor-1268	11100-14-4	-	(0.07) U	(0.07) U	(0.08) U	(0.09) U	(0.07) U
Total Aroclor		0.49	ND	0.15	ND	**0.7**	**0.68**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3C-2_0-.5**	**3C-7_1-1.5**	**3C-9_0-.5**	**3C-11_0-0.5**	**3C-13_0-.5**
		Lab ID	**395535**	**395538**	**396002**	**395540**	**395548**
		Sample Date	**12/6/2002**	**12/6/2002**	**12/9/2002**	**12/6/2002**	**12/6/2002**
		Depth Interval	**0 - 0.5**	**1 - 1.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	**0.5**	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	**0.5**	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
ND = Not Detected.
† - Indicates missing depth data for historical samples.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.
NR - Indicates that the analyte was not requested.
Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3C-15_0-.5**	**3C-17_2-2.5**	**3C-19_2-2.5**	**3C-21_0-0.5**	**3C-23_0-.5**
		Lab ID	**395545**	**395553**	**395551**	**395990**	**395996**
		Sample Date	**12/6/2002**	**12/6/2002**	**12/6/2002**	**12/9/2002**	**12/9/2002**
		Depth Interval	**0 - 0.5**	**2 - 2.5**	**2 - 2.5**	**0 - 0.5**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:
All results are presented in milligrams per kilogram.
Depths are presented in feet below ground surface (bgs).
CAS-RN = Chemical Abstract Service Registry Number.
ND = Not Detected.
† - Indicates missing depth data for historical samples.
D - Indicates compound identified in an analysis at a secondary dilution factor.
E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.
NR - Indicates that the analyte was not requested.
Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3C-25_0-.5**	**3C-27_0-.5**
		Lab ID	**395999**	**395993**
		Sample Date	**12/9/2002**	**12/9/2002**
		Depth Interval	**0 - 0.5**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**		
Aroclor-1016	12674-11-2	-	(0.08) U	(0.07) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.07) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.07) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.07) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.07) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.07) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.07) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.07) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.07) U
Total Aroclor		0.49	ND	ND
Pesticides	**CAS-RN**	**MSSCC**		
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR
Aldrin	309-00-2	0.04	NR	NR
alpha_BHC	319-84-6	-	NR	NR
beta_BHC	319-85-7	-	NR	NR
Chlordane	57-74-9	-	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR
Dieldrin	60-57-1	0.042	NR	NR
Endosulfan_I	959-98-8	-	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR
Endrin	72-20-8	17	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR
Heptachlor	76-44-8	0.15	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR
Lindane	58-89-9	0.52	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-16 (2.0-2.5)**	**16-17 (2.0-2.5)**	**16-18 (2.0-2.5)**	**16-31 (4.0-4.5)**	**16-32 (2.0-2.5)**
		Lab ID	**229993-005**	**229993-006**	**229993-003**	**229993-002**	**229993-001**
		Sample Date	**10/27/2003**	**10/27/2003**	**10/27/2003**	**10/27/2003**	**10/27/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**4 - 4.5**	**2 - 2.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.02) U	(0.02) U	(0.022) U	(0.022) U	(0.023) U
Aroclor-1221	11104-28-2	-	(0.02) U	(0.02) U	(0.022) U	(0.022) U	(0.023) U
Aroclor-1232	11141-16-5	-	(0.02) U	(0.02) U	(0.022) U	(0.022) U	(0.023) U
Aroclor-1242	53469-21-9	-	(0.02) U	(0.02) U	(0.022) U	(0.022) U	(0.023) U
Aroclor-1248	12672-29-6	-	(0.02) U	(0.02) U	(0.022) U	(0.022) U	(0.023) U
Aroclor-1254	11097-69-1	-	(0.04) U	(0.041) U	(0.045) U	(0.045) U	(0.047) U
Aroclor-1260	11096-82-5	-	(0.04) U	(0.041) U	(0.045) U	(0.045) U	(0.047) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-10 (2.0-2.5)**	**16-19 (4.0-4.5)**	**16-21 (4.0-4.5)**	**16-22 (4.0-4.5)**	**16-23 (6.0-6.5)**
		Lab ID	**229993-012**	**229993-008**	**229993-009**	**229993-010**	**229993-011**
		Sample Date	**10/28/2003**	**10/28/2003**	**10/28/2003**	**10/28/2003**	**10/28/2003**
		Depth Interval	**2 - 2.5**	**4 - 4.5**	**4 - 4.5**	**4 - 4.5**	**6 - 6.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.02) U	(0.019) U	(0.019) U	(0.02) U	(0.022) U
Aroclor-1221	11104-28-2	-	(0.02) U	(0.019) U	(0.019) U	(0.02) U	(0.022) U
Aroclor-1232	11141-16-5	-	(0.02) U	(0.019) U	(0.019) U	(0.02) U	(0.022) U
Aroclor-1242	53469-21-9	-	(0.02) U	(0.019) U	(0.019) U	(0.02) U	(0.022) U
Aroclor-1248	12672-29-6	-	(0.02) U	(0.019) U	(0.019) U	(0.02) U	(0.022) U
Aroclor-1254	11097-69-1	-	(0.041) U	(0.037) U	(0.039) U	(0.041) U	(0.043) U
Aroclor-1260	11096-82-5	-	(0.041) U	(0.037) U	(0.039) U	(0.041) U	(0.043) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

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D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

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P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-27 (2.0-2.5)**	**16-12 (2.0-2.5)**	**16-12P (2.0-2.5)**	**16-13 (4.0-4.5)**	**16-14 (2.0-2.5)**
		Lab ID	**229993-013**	**230055-003**	**230055-004**	**230055-005**	**230055-006**
		Sample Date	**10/28/2003**	**10/29/2003**	**10/29/2003**	**10/29/2003**	**10/29/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**4 - 4.5**	**2 - 2.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.022) U	(0.022) U	(0.021) U	(0.021) U	(0.02) U
Aroclor-1221	11104-28-2	-	(0.022) U	(0.022) U	(0.021) U	(0.021) U	(0.02) U
Aroclor-1232	11141-16-5	-	(0.022) U	(0.022) U	(0.021) U	(0.021) U	(0.02) U
Aroclor-1242	53469-21-9	-	(0.022) U	(0.022) U	(0.021) U	(0.021) U	(0.02) U
Aroclor-1248	12672-29-6	-	(0.022) U	(0.022) U	(0.021) U	(0.021) U	(0.02) U
Aroclor-1254	11097-69-1	-	(0.043) U	(0.042) U	(0.042) U	(0.042) U	(0.04) U
Aroclor-1260	11096-82-5	-	(0.043) U	(0.042) U	(0.042) U	(0.042) U	(0.04) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-15 (2.0-2.5)**	**16-20 (2.0-2.5)**	**16-26 (2.0-2.5)**	**16-4 (2.0-2.5)**	**16-5 (2.0-2.5)**
		Lab ID	**230055-007**	**230055-002**	**230055-001**	**230110-007**	**230110-006**
		Sample Date	**10/29/2003**	**10/29/2003**	**10/29/2003**	**10/30/2003**	**10/30/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.02) U	(0.022) U	(0.022) U	(0.02) U	(0.02) U
Aroclor-1221	11104-28-2	-	(0.02) U	(0.022) U	(0.022) U	(0.02) U	(0.02) U
Aroclor-1232	11141-16-5	-	(0.02) U	(0.022) U	(0.022) U	(0.02) U	(0.02) U
Aroclor-1242	53469-21-9	-	(0.02) U	(0.022) U	(0.022) U	(0.02) U	(0.02) U
Aroclor-1248	12672-29-6	-	(0.02) U	(0.022) U	(0.022) U	(0.02) U	(0.02) U
Aroclor-1254	11097-69-1	-	(0.041) U	(0.044) U	(0.044) U	(0.041) U	(0.04) U
Aroclor-1260	11096-82-5	-	(0.041) U	(0.044) U	(0.044) U	(0.041) U	(0.04) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-6 (2.0-2.5)**	**16-7 (2.0-2.5)**	**16-28 (2.0-2.5)**	**16-30 (2.0-2.5)**	**16-1 (2.0-2.5)**
		Lab ID	**230110-005**	**230110-004**	**230110-003**	**230110-001**	**230156-005**
		Sample Date	**10/30/2003**	**10/30/2003**	**10/30/2003**	**10/30/2003**	**10/31/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.024) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1221	11104-28-2	-	(0.024) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1232	11141-16-5	-	(0.024) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1242	53469-21-9	-	(0.024) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1248	12672-29-6	-	(0.024) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1254	11097-69-1	-	(0.049) U	(0.042) U	(0.041) U	(0.04) U	(0.041) U
Aroclor-1260	11096-82-5	-	(0.049) U	(0.042) U	(0.041) U	(0.04) U	(0.041) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-2 (2.0-2.5)**	**16-3 (2.0-2.5)**	**16-8 (2.0-2.5)**	**16-9 (2.0-2.5)**	**16-29 (3.0-3.5)**
		Lab ID	**230156-004**	**230156-002**	**230156-006**	**230156-007**	**230156-001**
		Sample Date	**10/31/2003**	**10/31/2003**	**10/31/2003**	**10/31/2003**	**10/31/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**3 - 3.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.018) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1221	11104-28-2	-	(0.018) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1232	11141-16-5	-	(0.018) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1242	53469-21-9	-	(0.018) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1248	12672-29-6	-	(0.018) U	(0.021) U	(0.02) U	(0.02) U	(0.02) U
Aroclor-1254	11097-69-1	-	(0.036) U	(0.041) U	(0.041) U	(0.04) U	(0.041) U
Aroclor-1260	11096-82-5	-	(0.036) U	(0.041) U	(0.041) U	(0.04) U	(0.041) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B-16-1 (12.5-13.0)**	**B-16-2 (12.5-13.0)**	**B-16-3 (26.5-27.0)**	**B-16-4 (26.5-27.0)**	**16-24 (2.0-2.5)**
		Lab ID	**230210-001**	**230210-002**	**230210-003**	**230210-004**	**230207-001**
		Sample Date	**11/3/2003**	**11/3/2003**	**11/3/2003**	**11/3/2003**	**11/3/2003**
		Depth Interval	**12.5 - 13**	**12.5 - 13**	**26.5 - 27**	**26.5 - 27**	**2 - 2.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.02) U	(0.02) U	(0.021) U	(0.02) U	(0.02) U
Aroclor-1221	11104-28-2	-	(0.02) U	(0.02) U	(0.021) U	(0.02) U	(0.02) U
Aroclor-1232	11141-16-5	-	(0.02) U	(0.02) U	(0.021) U	(0.02) U	(0.02) U
Aroclor-1242	53469-21-9	-	(0.02) U	(0.02) U	(0.021) U	(0.02) U	(0.02) U
Aroclor-1248	12672-29-6	-	(0.02) U	(0.02) U	(0.021) U	(0.02) U	(0.02) U
Aroclor-1254	11097-69-1	-	(0.04) U	(0.04) U	(0.041) U	(0.04) U	(0.04) U
Aroclor-1260	11096-82-5	-	(0.04) U	(0.04) U	(0.041) U	(0.04) U	(0.04) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-25 (2.0-2.5)**	**16-25P (2.0-2.5)**	**AOC-39-1A (3.5-4.0)**	**AOC-39-1B (6.5-7.0)**	**AOC-39-1B (6.5-7.0)**
		Lab ID	**230207-002**	**230207-003**	**230327-001**	**230327-002**	**230327-002DL**
		Sample Date	**11/3/2003**	**11/3/2003**	**11/5/2003**	**11/5/2003**	**11/5/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**3.5 - 4**	**6.5 - 7**	**6.5 - 7**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.022) U	(0.021) U	(0.021) U	(0.02) U	(0.06) U
Aroclor-1221	11104-28-2	-	(0.022) U	(0.021) U	(0.021) U	(0.02) U	(0.06) U
Aroclor-1232	11141-16-5	-	(0.022) U	(0.021) U	(0.021) U	(0.02) U	(0.06) U
Aroclor-1242	53469-21-9	-	(0.022) U	(0.021) U	(0.021) U	(0.02) U	(0.06) U
Aroclor-1248	12672-29-6	-	(0.022) U	(0.021) U	(0.021) U	(0.02) U	(0.06) U
Aroclor-1254	11097-69-1	-	(0.044) U	(0.043) U	(0.041) U	0.38 EP	0.28 DP
Aroclor-1260	11096-82-5	-	(0.044) U	(0.043) U	(0.041) U	(0.04) U	(0.12) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	0.38	0.28
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC-39-1C (11.5-12.0)**	**AOC-39-6 (2.5-3.0)**	**AOC-39-5 (2.5-3.0)**	**AOC-39-4 (2.5-3.0)**	**AOC-39-3A (2.5-3.0)**
		Lab ID	**230327-003**	**230327-007**	**230327-008**	**230327-006**	**230327-005**
		Sample Date	**11/5/2003**	**11/5/2003**	**11/5/2003**	**11/5/2003**	**11/5/2003**
		Depth Interval	**11.5 - 12**	**2.5 - 3**	**2.5 - 3**	**2.5 - 3**	**2.5 - 3**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.02) U	(0.02) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1221	11104-28-2	-	(0.02) U	(0.02) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1232	11141-16-5	-	(0.02) U	(0.02) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1242	53469-21-9	-	(0.02) U	(0.02) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1248	12672-29-6	-	(0.02) U	(0.02) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1254	11097-69-1	-	(0.039) U	(0.04) U	(0.039) U	0.14 P	(0.037) U
Aroclor-1260	11096-82-5	-	(0.039) U	(0.04) U	(0.039) U	(0.41) U	(0.037) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	ND	ND	0.14	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC-39-2 (2.5-3.0)**	**AOC-39-2 (2.5-3.0)**	**AOC-3C-2A (3.5-4.0)**	**AOC-3C-3A (3.5-4.0)**	**AOC-3C-3A (3.5-4.0)**
		Lab ID	**230327-004DL**	**230327-004**	**230361-009**	**230361-011DL**	**230361-011**
		Sample Date	**11/5/2003**	**11/5/2003**	**11/6/2003**	**11/6/2003**	**11/6/2003**
		Depth Interval	**2.5 - 3**	**2.5 - 3**	**3.5 - 4**	**3.5 - 4**	**3.5 - 4**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.057) U	(0.019) U	(0.02) U	(2) U	(0.02) U
Aroclor-1221	11104-28-2	-	(0.057) U	(0.019) U	(0.02) U	(2) U	(0.02) U
Aroclor-1232	11141-16-5	-	(0.057) U	(0.019) U	(0.02) U	(2) U	(0.02) U
Aroclor-1242	53469-21-9	-	(0.057) U	(0.019) U	(0.02) U	(2) U	(0.02) U
Aroclor-1248	12672-29-6	-	(0.057) U	(0.019) U	(0.02) U	(2) U	(0.02) U
Aroclor-1254	11097-69-1	-	0.41 DP	0.29 EP	(0.04) U	**5.4** DP	**5** EP
Aroclor-1260	11096-82-5	-	(0.11) U	(0.038) U	(0.04) U	**19** D	**14** EP
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	0.41	0.29	ND	**24.4**	**19**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC-3C-2B (9.5-10.0)**	**AOC-3C-3B (9.5-10.0)**	**AOC-3D-13A (3.5-4.0)**	**AOC-3D-13B (14.5-15.0)**	**AOC-3D-15A (3.5-4.0)**
		Lab ID	**230361-010**	**230361-012**	**230361-005**	**230361-006**	**230361-003**
		Sample Date	**11/6/2003**	**11/6/2003**	**11/6/2003**	**11/6/2003**	**11/6/2003**
		Depth Interval	**9.5 - 10**	**9.5 - 10**	**3.5 - 4**	**14.5 - 15**	**3.5 - 4**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.02) U	(0.02) U	(0.02) U	(0.021) U	(0.023) U
Aroclor-1221	11104-28-2	-	(0.02) U	(0.02) U	(0.02) U	(0.021) U	(0.023) U
Aroclor-1232	11141-16-5	-	(0.02) U	(0.02) U	(0.02) U	(0.021) U	(0.023) U
Aroclor-1242	53469-21-9	-	(0.02) U	(0.02) U	(0.02) U	(0.021) U	(0.023) U
Aroclor-1248	12672-29-6	-	(0.02) U	(0.02) U	(0.02) U	(0.021) U	(0.023) U
Aroclor-1254	11097-69-1	-	(0.41) U	0.025 J	(0.04) U	(0.042) U	(0.047) U
Aroclor-1260	11096-82-5	-	(0.41) U	0.036 J	(0.04) U	(0.042) U	(0.047) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	0.061	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC-3D-15B (11.5-12.0)**	**A3E-1 (12.5-13.0)**	**A3E-13 (11.5-12.0)**	**A3E-3 (1.5-2.0)**	**A3E-3 (1.5-2.0)**
		Lab ID	**230361-004**	**231251-002**	**231251-004**	**231288-002DL**	**231288-002**
		Sample Date	**11/6/2003**	**12/3/2003**	**12/3/2003**	**12/4/2003**	**12/4/2003**
		Depth Interval	**11.5 - 12**	**12.5 - 13**	**11.5 - 12**	**1.5 - 2**	**1.5 - 2**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.021) U	(0.02) U	(0.019) U	(0.092) U	(0.18) U
Aroclor-1221	11104-28-2	-	(0.021) U	(0.02) U	(0.019) U	(0.092) U	(0.18) U
Aroclor-1232	11141-16-5	-	(0.021) U	(0.02) U	(0.019) U	(0.092) U	(0.18) U
Aroclor-1242	53469-21-9	-	(0.021) U	(0.02) U	(0.019) U	(0.092) U	(0.18) U
Aroclor-1248	12672-29-6	-	(0.021) U	(0.02) U	(0.019) U	(0.092) U	(0.18) U
Aroclor-1254	11097-69-1	-	(0.042) U	0.2	(0.038) U	**0.73** DP	**0.74** EP
Aroclor-1260	11096-82-5	-	(0.042) U	(0.04) U	(0.038) U	(0.18) U	(0.037) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	ND	0.2	ND	**0.73**	**0.74**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

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D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A3E-5 (2.0-2.5)**	**A3E-5 (2.0-2.5)**	**A3E-5 (11.5-12.0)**	**A3E-5 (23.5-24.0)**	**A3E-11 (1.5-2.0)**
		Lab ID	**231288-003**	**231288-003DL**	**231289-001**	**231289-002**	**231288-001**
		Sample Date	**12/4/2003**	**12/4/2003**	**12/4/2003**	**12/4/2003**	**12/4/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**11.5 - 12**	**23.5 - 24**	**1.5 - 2**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.018) U	(0.088) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1221	11104-28-2	-	(0.018) U	(0.088) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1232	11141-16-5	-	(0.018) U	(0.088) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1242	53469-21-9	-	(0.018) U	(0.088) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1248	12672-29-6	-	(0.018) U	(0.088) U	(0.019) U	(0.02) U	(0.018) U
Aroclor-1254	11097-69-1	-	**0.7** E	**0.78** D	(0.039) U	(0.04) U	0.069 P
Aroclor-1260	11096-82-5	-	(0.035) U	(0.18) U	(0.039) U	(0.04) U	(0.036) U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR
Total Aroclor		0.49	**0.7**	**0.78**	ND	ND	0.069
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**OWS-1 (7.0-7.5)**	**OWS-1P (7.0-7.5)**	**3CD-1 (0-0.5)**	**3CD-1 (5.5-6)**	**3CD-1 (11.5-12)**
		Lab ID	**231411-001**	**231411-002**	**497660**	**497661**	**497662**
		Sample Date	**12/9/2003**	**12/9/2003**	**1/27/2004**	**1/27/2004**	**1/27/2004**
		Depth Interval	**7 - 7.5**	**7 - 7.5**	**0 - 0.5**	**5.5 - 6**	**11.5 - 12**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.02) U	(0.02) U	(0.087) U	(0.083) U	(0.083) U
Aroclor-1221	11104-28-2	-	(0.02) U	(0.02) U	(0.087) U	(0.083) U	(0.083) U
Aroclor-1232	11141-16-5	-	(0.02) U	(0.02) U	(0.087) U	(0.083) U	(0.083) U
Aroclor-1242	53469-21-9	-	(0.02) U	(0.02) U	(0.087) U	(0.083) U	(0.083) U
Aroclor-1248	12672-29-6	-	(0.02) U	(0.02) U	(0.087) U	(0.083) U	(0.083) U
Aroclor-1254	11097-69-1	-	(0.04) U	(0.04) U	(0.087) U	(0.083) U	(0.083) U
Aroclor-1260	11096-82-5	-	(0.04) U	(0.04) U	0.19	(0.083) U	(0.083) U
Aroclor-1262	37324-23-5	-	NR	NR	(0.087) U	(0.083) U	(0.083) U
Aroclor-1268	11100-14-4	-	NR	NR	(0.087) U	(0.083) U	(0.083) U
Total Aroclor		0.49	ND	ND	0.19	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3CD-S1 (0-0.5)**	**3CD-S1 (2-2.5)**	**3CD-S1 (21.5-22)**	**3CD-S2 (0-0.5)**	**3CD-S2 (5.5-6)**
		Lab ID	**497651**	**497652**	**497653**	**497654**	**497655**
		Sample Date	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**
		Depth Interval	**0 - 0.5**	**2 - 2.5**	**21.5 - 22**	**0 - 0.5**	**5.5 - 6**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Aroclor-1221	11104-28-2	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Aroclor-1232	11141-16-5	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Aroclor-1242	53469-21-9	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Aroclor-1248	12672-29-6	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Aroclor-1254	11097-69-1	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Aroclor-1260	11096-82-5	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Aroclor-1262	37324-23-5	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Aroclor-1268	11100-14-4	-	(0.082) U	(0.083) U	(0.081) U	0.084 U	(0.082) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3CD-S2 (11.5-12)**	**3CD-S3 (0-0.5)**	**3CD-S3 (11.5-12)**	**3CD-S3 (5.5-6)**	**3CD-N3 (2-2.5)**
		Lab ID	**497656**	**497657**	**497659**	**497658**	**497670**
		Sample Date	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/30/2004**
		Depth Interval	**11.5 - 12**	**0 - 0.5**	**11.5 - 12**	**5.5 - 6**	**2 - 2.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Aroclor-1221	11104-28-2	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Aroclor-1232	11141-16-5	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Aroclor-1242	53469-21-9	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Aroclor-1248	12672-29-6	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Aroclor-1254	11097-69-1	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Aroclor-1260	11096-82-5	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Aroclor-1262	37324-23-5	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Aroclor-1268	11100-14-4	-	(0.077) U	(0.077) U	(0.085) U	(0.09) U	(0.086) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3CD-N3P (2-2.5)**	**3CD-N3 (5.5-6)**	**3CD-N3 (11.5-12)**
		Lab ID	**497673**	**497671**	**497672**
		Sample Date	**1/30/2004**	**1/30/2004**	**1/30/2004**
		Depth Interval	**2 - 2.5**	**5.5 - 6**	**11.5 - 12**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**			
Aroclor-1016	12674-11-2	-	(0.084) U	(0.082) U	(0.082) U
Aroclor-1221	11104-28-2	-	(0.084) U	(0.082) U	(0.082) U
Aroclor-1232	11141-16-5	-	(0.084) U	(0.082) U	(0.082) U
Aroclor-1242	53469-21-9	-	(0.084) U	(0.082) U	(0.082) U
Aroclor-1248	12672-29-6	-	(0.084) U	(0.082) U	(0.082) U
Aroclor-1254	11097-69-1	-	(0.084) U	(0.082) U	(0.082) U
Aroclor-1260	11096-82-5	-	(0.084) U	(0.082) U	(0.082) U
Aroclor-1262	37324-23-5	-	(0.084) U	(0.082) U	(0.082) U
Aroclor-1268	11100-14-4	-	(0.084) U	(0.082) U	(0.082) U
Total Aroclor		0.49	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**			
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A3E-E1 (4.5-5)**	**A3E-E1 (5-5.5)**	**A3E-E2 (4.5-5)**	**A3E-E2 (5-5.5)**	**A3E-N1 (4.5-5)**
		Lab ID	**498971**	**498972**	**498974**	**498975**	**498966**
		Sample Date	**2/4/2004**	**2/4/2004**	**2/4/2004**	**2/4/2004**	**2/4/2004**
		Depth Interval	**4.5 - 5**	**5 - 5.5**	**4.5 - 5**	**5 - 5.5**	**4.5 - 5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Aroclor-1221	11104-28-2	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Aroclor-1232	11141-16-5	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Aroclor-1242	53469-21-9	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Aroclor-1248	12672-29-6	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Aroclor-1254	11097-69-1	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Aroclor-1260	11096-82-5	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Aroclor-1262	37324-23-5	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Aroclor-1268	11100-14-4	-	(0.077) U	(0.082) U	(0.079) U	(0.082) U	(0.081) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A3E-N1 (5-5.5)**	**A3E-N1P (4.5-5)**	**A3E-N3 (4.5-5)**	**A3E-N3 (5-5.5)**	**A3E-D1 (1.5-2)**
		Lab ID	**498967**	**498969**	**498977**	**498978**	**498954**
		Sample Date	**2/4/2004**	**2/4/2004**	**2/4/2004**	**2/4/2004**	**2/5/2004**
		Depth Interval	**5 - 5.5**	**4.5 - 5**	**4.5 - 5**	**5 - 5.5**	**1.5 - 2**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Aroclor-1221	11104-28-2	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Aroclor-1232	11141-16-5	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Aroclor-1242	53469-21-9	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Aroclor-1248	12672-29-6	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Aroclor-1254	11097-69-1	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Aroclor-1260	11096-82-5	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Aroclor-1262	37324-23-5	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Aroclor-1268	11100-14-4	-	(0.082) U	(0.087) U	(0.084) U	(0.083) U	(0.079) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

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CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A3E-D1 (2-2.5)**	**SP-1 (0-0.5)**	**SP-1 (10.0-10.5)**	**SP-1 (15.5-16.0)**
		Lab ID	**498955**	**498951**	**498952**	**498953**
		Sample Date	**2/5/2004**	**2/5/2004**	**2/5/2004**	**2/5/2004**
		Depth Interval	**2 - 2.5**	**0 - 0.5**	**10 - 10.5**	**15.5 - 16**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**				
Aroclor-1016	12674-11-2	-	(0.08) U	(0.074) U	(0.081) U	(0.081) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.074) U	(0.081) U	(0.081) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.074) U	(0.081) U	(0.081) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.074) U	(0.081) U	(0.081) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.074) U	(0.081) U	(0.081) U
Aroclor-1254	11097-69-1	-	(0.08) U	**0.86**	(0.081) U	(0.081) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.074) U	(0.081) U	(0.081) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.074) U	(0.081) U	(0.081) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.074) U	(0.081) U	(0.081) U
Total Aroclor		0.49	ND	**0.86**	ND	ND
Pesticides	**CAS-RN**	**MSSCC**				
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR

NOTES:

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CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B0102.0**	**B0500.5**	**B0700.5**	**B0902.0**	**B1502.0**
		Lab ID	**602734**	**602740**	**602736**	**602735**	**602737**
		Sample Date	**1/25/2005**	**1/25/2005**	**1/25/2005**	**1/25/2005**	**1/25/2005**
		Depth Interval	**2 - 2.5**	**0.5 - 1**	**0.5 - 1**	**2 - 2.5**	**2 - 2.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.07) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B1502.D**	**B0602.0**	**B0800.5**	**B1000.5**	**B1200.5**
		Lab ID	**602738**	**602933**	**602932**	**602931**	**602930**
		Sample Date	**1/25/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B1402.0**	**B1602.0**	**B2104.0**	**B2104.D**	**B0201.0**
		Lab ID	**602928**	**602929**	**602934**	**602935**	**603133**
		Sample Date	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/27/2005**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**4 - 4.5**	**4 - 4.5**	**1 - 1.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B1308.5**	**B1702.0**	**B0301.0**	**B0401.0**	**B1101.0**
		Lab ID	**603131**	**603132**	**604244**	**604245**	**604246**
		Sample Date	**1/27/2005**	**1/27/2005**	**2/2/2005**	**2/2/2005**	**2/2/2005**
		Depth Interval	**8.5 - 9**	**2 - 2.5**	**1 - 1.5**	**1 - 1.5**	**1 - 1.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B1800.5**	**B2001.0**	**D0103.5**	**X0102.0**	**X0109.5**
		Lab ID	**604247**	**604248**	**604249**	**627409**	**627410**
		Sample Date	**2/2/2005**	**2/2/2005**	**2/2/2005**	**4/25/2005**	**4/25/2005**
		Depth Interval	**0.5 - 1**	**1 - 1.5**	**3.5 - 4**	**2 - 2.5**	**9.5 - 10**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**X0202.0**	**X0208.0**	**X0302.0**	**X0304.0**	**X0402.5**
		Lab ID	**627411**	**627412**	**627413**	**627414**	**627415**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**
		Depth Interval	**2 - 2.5**	**8 - 8.5**	**2 - 2.5**	**4 - 4.5**	**2.5 - 3**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**X0407.5**	**X0502.0**	**X0512.0**	**X0602.5**	**X0611.5**
		Lab ID	**627416**	**627417**	**627418**	**627419**	**627420**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**
		Depth Interval	**7.5 - 8**	**2 - 2.5**	**12 - 12.5**	**2.5 - 3**	**11.5 - 12**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**X0702.0**	**X0707.5**	**U0102.5**	**U0119.5**	**U0203.0**
		Lab ID	**627421**	**627422**	**627423**	**627424**	**627670**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/26/2005**
		Depth Interval	**2 - 2.5**	**7.5 - 8**	**2.5 - 3**	**19.5 - 20**	**3 - 3.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

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E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0210.0**	**U0404.5**	**U0414.5**	**U0509.0**	**U0509.D**
		Lab ID	**627671**	**627672**	**627673**	**627674**	**627675**
		Sample Date	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**
		Depth Interval	**10 - 10.5**	**4.5 - 5**	**14.5 - 15**	**9 - 9.5**	**9 - 9.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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CAS-RN = Chemical Abstract Service Registry Number.

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

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Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0515.5**	**U0607.5**	**U0305.0**	**U0317.5**	**U0646.5**
		Lab ID	**627668**	**627676**	**628261**	**628264**	**628260**
		Sample Date	**4/26/2005**	**4/26/2005**	**4/27/2005**	**4/27/2005**	**4/27/2005**
		Depth Interval	**15.5 - 16**	**7.5 - 8**	**5 - 5.5**	**17.5 - 18**	**46.5 - 47**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.09) U	0.11	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.09) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	0.11	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0705.5**	**U0805.5**	**U0906.0**	**U1006.0**	**U1106.0**
		Lab ID	**628703**	**628701**	**628700**	**628698**	**628699**
		Sample Date	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**
		Depth Interval	**5.5 - 6**	**5.5 - 6**	**6 - 6.5**	**6 - 6.5**	**6 - 6.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U1214.5**	**U1306.0**	**U1416.0**	**U1516.0**	**U1516.D**
		Lab ID	**628710**	**628704**	**629057**	**629056**	**629053**
		Sample Date	**4/28/2005**	**4/28/2005**	**4/29/2005**	**4/29/2005**	**4/29/2005**
		Depth Interval	**14.5 - 15**	**6 - 6.5**	**16 - 16.5**	**16 - 16.5**	**16 - 16.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U1616.0**	**U1716.0**	**U1806.0**	**V0608.0**	**V0715.5**
		Lab ID	**629058**	**629055**	**629054**	**629376**	**629377**
		Sample Date	**4/29/2005**	**4/29/2005**	**4/29/2005**	**5/2/2005**	**5/2/2005**
		Depth Interval	**16 - 16.5**	**16 - 16.5**	**6 - 6.5**	**8 - 8.5**	**15.5 - 16**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D0516.5**	**D0522.5**	**V0314.0**	**V0415.0**	**V0415.D**
		Lab ID	**629658**	**629659**	**629657**	**629654**	**629655**
		Sample Date	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/3/2005**
		Depth Interval	**16.5 - 17**	**22.5 - 23**	**14 - 14.5**	**15 - 15.5**	**15 - 15.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.51) U	(1.8) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.51) U	(1.8) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.51) U	(1.8) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.51) U	(1.8) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.51) U	(1.8) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	**5.3**	**25**	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.51) U	(1.8) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.51) U	(1.8) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.51) U	(1.8) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	**5.3**	**25**	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**V0522.0**	**D0418.0**	**D0606.0**	**D0708.0**	**D0805.5**
		Lab ID	**629656**	**630052**	**630048**	**630049**	**630050**
		Sample Date	**5/3/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**
		Depth Interval	**22 - 22.5**	**18 - 18.5**	**6 - 6.5**	**8 - 8.5**	**5.5 - 6**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.09) U	(0.87) U	(0.08) U	(4.1) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.09) U	(0.87) U	(0.08) U	(4.1) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.09) U	(0.87) U	(0.08) U	(4.1) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.09) U	(0.87) U	(0.08) U	(4.1) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.09) U	(0.87) U	(0.08) U	(4.1) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.09) U	**19**	(0.08) U	**75**
Aroclor-1260	11096-82-5	-	(0.08) U	(0.09) U	(0.87) U	(0.08) U	(4.1) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.09) U	(0.87) U	(0.08) U	(4.1) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.09) U	(0.87) U	(0.08) U	(4.1) U
Total Aroclor		0.49	ND	ND	**19**	ND	**75**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D0907.5**	**V0208.5**	**V0228.5**	**V1A14.0**	**R0100.5**
		Lab ID	**630051**	**630046**	**630047**	**630045**	**630412**
		Sample Date	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/5/2005**
		Depth Interval	**7.5 - 8**	**8.5 - 9**	**8.5 - 9**	**14 - 14.5**	**0.5 - 1**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.11) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.11) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.11) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.11) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.11) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	0.24	(0.11) U	(0.08) U	(0.08) U	0.26
Aroclor-1260	11096-82-5	-	(0.08) U	(0.11) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.11) U	(0.08) U	(0.08) U	0.26
Aroclor-1268	11100-14-4	-	(0.08) U	(0.11) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	0.24	ND	ND	ND	**0.52**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

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CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

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D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**R0200.5**	**R0300.5**	**R0400.5**	**A0514.5**	**A0911.5**
		Lab ID	**630413**	**630414**	**630415**	**634064**	**634065**
		Sample Date	**5/5/2005**	**5/5/2005**	**5/5/2005**	**5/18/2005**	**5/18/2005**
		Depth Interval	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**	**14.5-15**	**11.5 - 12**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.07) U	(0.07) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A1312.0**	**A1712.0**	**A1734.8**	**D0421.0**	**D0430.5**
		Lab ID	**634066**	**634062**	**634063**	**634068**	**634069**
		Sample Date	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**
		Depth Interval	**12 - 12.5**	**12 - 12.5**	**34.8 - 35.3**	**21 - 21.5**	**30.5 - 31**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.16) U	(1.8) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.16) U	(1.8) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.16) U	(1.8) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.16) U	(1.8) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.16) U	(1.8) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	**2.60**	**21**
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.16) U	(1.8) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.16) U	(1.8) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	**0.70**	(1.8) U
Total Aroclor		0.49	ND	ND	ND	**3.3**	**21**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1116.5**	**D1121.0**	**D1122.5**	**D1129.0**	**D1216.5**
		Lab ID	**637612**	**637613**	**637614**	**637615**	**637616**
		Sample Date	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**
		Depth Interval	**16.5 - 17**	**21 - 21.5**	**22.5 - 23**	**29 - 29.5**	**16.5 - 17**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.09) U	(0.09) U	(0.12) U	(0.08) U	(0.09) U
Aroclor-1221	11104-28-2	-	(0.09) U	(0.09) U	(0.12) U	(0.08) U	(0.09) U
Aroclor-1232	11141-16-5	-	(0.09) U	(0.09) U	(0.12) U	(0.08) U	(0.09) U
Aroclor-1242	53469-21-9	-	(0.09) U	(0.09) U	(0.12) U	(0.08) U	(0.09) U
Aroclor-1248	12672-29-6	-	(0.09) U	(0.09) U	(0.12) U	(0.08) U	(0.09) U
Aroclor-1254	11097-69-1	-	(0.09) U	(0.09) U	0.19	**1.6**	(0.09) U
Aroclor-1260	11096-82-5	-	(0.09) U	(0.09) U	(0.12) U	(0.08) U	(0.09) U
Aroclor-1262	37324-23-5	-	(0.09) U	(0.09) U	(0.12) U	(0.08) U	(0.09) U
Aroclor-1268	11100-14-4	-	(0.09) U	(0.09) U	(0.12) U	(0.08) U	(0.09) U
Total Aroclor		0.49	ND	ND	0.19	**1.6**	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1221.0**	**D1222.0**	**D1230.5**	**W0109.0**	**W0111.5**
		Lab ID	**637617**	**637618**	**637619**	**637621**	**637622**
		Sample Date	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**
		Depth Interval	**21 - 21.5**	**22 - 22.5**	**30.5 - 31**	**9 - 9.5**	**11 - 11.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.09) U	(0.08) U	(0.10) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A0108.0**	**A0108.D**	**A0119.5**	**A1034.0**	**A1047.0**
		Lab ID	**638636**	**638637**	**638638**	**638639**	**638640**
		Sample Date	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**
		Depth Interval	**8 - 8.5**	**8 - 8.5**	**19.5 - 20**	**34 - 34.5**	**47 - 47.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A2126.0**	**A2137.5**	**A2217.5**	**A2230.5**	**D1316.5**
		Lab ID	**638641**	**638642**	**638643**	**638644**	**638645**
		Sample Date	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**
		Depth Interval	**26 - 26.5**	**37.5 - 38**	**17.5 - 18**	**30.5 - 31**	**16.5 - 17**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.07) U	(0.09) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1321.0**	**D1322.5**	**D1329.0**	**A0511.5**	**A0523.5**
		Lab ID	**638646**	**638647**	**638648**	**639322**	**639323**
		Sample Date	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/3/2005**	**6/3/2005**
		Depth Interval	**21 - 21.5**	**22.5 - 23**	**29 - 29.5**	**11.5 - 12**	**23.5 - 24**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.09) U	(0.08) U	(0.07) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A2016.5**	**A2030.5**	**D1016.5**	**D1021.0**	**D1022.5**
		Lab ID	**639320**	**639321**	**639314**	**639315**	**639316**
		Sample Date	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**
		Depth Interval	**16.5 - 17**	**30.5 - 31**	**16.5 - 17**	**21 - 21.5**	**22.5 - 23**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	(0.94) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	(0.94) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	(0.94) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	(0.94) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	(0.94) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	**14**
Aroclor-1260	11096-82-5	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	(0.94) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	(0.94) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.09) U	(0.09) U	(0.09) U	(0.94) U
Total Aroclor		0.49	ND	ND	ND	ND	**14**
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1030.5**	**D1031.5**	**D1419.5**	**D1521.5**	**D1600.0**
		Lab ID	**639317**	**639318**	**639319**	**639324**	**639991**
		Sample Date	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/7/2005**
		Depth Interval	**30.5 - 31**	**31.5 - 32**	**19.5 - 20**	**21.5 - 22**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.45) U	(0.09) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.45) U	(0.09) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.45) U	(0.09) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.45) U	(0.09) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.45) U	(0.09) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	**5.9**	**1.1**	(0.09) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.45) U	(0.09) U	**1.5**	**1.7**	(0.08) U
Aroclor-1262	37324-23-5	-	(0.45) U	(0.09) U	(0.09) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.45) U	(0.09) U	(0.09) U	(0.08) U	(0.08) U
Total Aroclor		0.49	**5.9**	**1.1**	**1.5**	**1.7**	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1604.0**	**D1700.0**	**D1704.0**	**R0103.5**	**R0500.0**
		Lab ID	**639992**	**639993**	**639994**	**641147**	**641148**
		Sample Date	**6/7/2005**	**6/7/2005**	**6/7/2005**	**6/9/2005**	**6/10/2005**
		Depth Interval	**4 - 4.5**	**0 - 0.5**	**4 - 4.5**	**0.5 - 1**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**					
Aroclor-1016	12674-11-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**					
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 7
Summary of Soil Analytical Results
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**R0600.0**	**R0700.0**	**R0800.0**
		Lab ID	**641149**	**641150**	**641150**
		Sample Date	**6/9/2005**	**6/9/2005**	**6/9/2005**
		Depth Interval	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Polychlorinated Biphenyls	**CAS-RN**	**MSSCC**			
Aroclor-1016	12674-11-2	-	(0.07) U	(0.08) U	(0.08) U
Aroclor-1221	11104-28-2	-	(0.07) U	(0.08) U	(0.08) U
Aroclor-1232	11141-16-5	-	(0.07) U	(0.08) U	(0.08) U
Aroclor-1242	53469-21-9	-	(0.07) U	(0.08) U	(0.08) U
Aroclor-1248	12672-29-6	-	(0.07) U	(0.08) U	(0.08) U
Aroclor-1254	11097-69-1	-	(0.07) U	(0.08) U	(0.08) U
Aroclor-1260	11096-82-5	-	(0.07) U	(0.08) U	(0.08) U
Aroclor-1262	37324-23-5	-	(0.07) U	(0.08) U	(0.08) U
Aroclor-1268	11100-14-4	-	(0.07) U	(0.08) U	(0.08) U
Total Aroclor		0.49	ND	ND	ND
Pesticides	**CAS-RN**	**MSSCC**			
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	3	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	2	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	2	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR
Chlordane	57-74-9	-	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	-	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR
Heptachlor epoxide	1024-57-3	-	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND = Not Detected.

† - Indicates missing depth data for historical samples.

D - Indicates compound identified in an analysis at a secondary dilution factor.

E - Indicates concentration exceeds calibration range of the instrument for the specific analysis.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the total Aroclors exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 0.49 mg/kg.

TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	S-1	S-2	S1-HOLE-4-(0-2)	S2-HOLE-4-(2-4)	HOLE 3: 0-2
		Lab ID	87610	87611	87713	87714	89237
		Sample Date	7/18/1988	7/18/1988	7/19/1988	7/19/1988	8/9/1988
		Depth Interval	0 - †	0 - †	0 - 2	2 - 4	0 - 2
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	1.3 B	(0.31) U	1 B	(0.34) U	0.46 B
Arsenic	7440-38-2	20	**45.1**	**21.2**	**42.8**	16.1	14.1
Beryllium	7440-41-7	2 [1]	0.3 B	1	(0.16) U	(0.17) U	0.62
Cadmium	7440-43-9	39	9.3	15.7	11	1.4	14.7
Chromium	7440-47-3	120000	39.7	15.8	30.4	29.4	94.2
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	**1190**	69.4	343	34.9	83.1
Lead	7439-92-1	400	301	25.3	211	17.7	51.9
Mercury	7439-97-6	14	0.77	0.17	0.31	0.16	0.16
Nickel	7440-02-0	250	112	47.6	38	25.8	41.8
Selenium	7782-49-2	63	1.5	0.46	1	(0.5) U	0.41
Silver	7440-22-4	110	(0.15) U	(0.46) U	(0.47) U	(0.51) U	(0.41) U
Thallium	7440-28-0	2	0.68 B	0.5 B	0.41 B	0.41 B	0.37 B
Zinc	7440-66-6	1500	886	206	678	171	272
Inorganic Constituents							
Cyanide	57-12-5	1100	(0.1) U	(0.1) U	(0.10) U	(0.12) U	(0.11) U
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:
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CAS-RN = Chemical Abstract Service Registry Number.
[1] - Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.
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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	HOLE 3: 2-4	HOLE 5: 0-2	B2-0-2	B2-0-4	Site1/S-1 (0-2)
		Lab ID	89238	89236	89346	89347	90036
		Sample Date	8/9/1988	8/9/1988	8/10/1988	8/10/1988	8/18/1988
		Depth Interval	2 - 4	0 - 2	0 - 2	2 - 4	0 - 2
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	3 B	1.1 B	0.46 B	(0.31) U	0.81 B
Arsenic	7440-38-2	20	18.2	**23**	18.2	**20.2**	17.5
Beryllium	7440-41-7	2 [1]	0.66	(0.15) U	(0.16) U	(0.16) U	1.2
Cadmium	7440-43-9	39	14.2	10.9	7.9	14.4	11.7
Chromium	7440-47-3	120000	30.7	23.7	17.2	23.7	23.6
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	45	552	466	27	69.4
Lead	7439-92-1	400	80.6	192	144	24	**430**
Mercury	7439-97-6	14	0.66	0.72	0.46	0.1	1.24
Nickel	7440-02-0	250	27.3	49.1	48.5	23.8	28.5
Selenium	7782-49-2	63	0.53	1.3	0.56	0.3	0.54
Silver	7440-22-4	110	(0.5) U	(0.45) U	(0.47) U	(0.48) U	(0.44) U
Thallium	7440-28-0	2	0.42 B	0.23 B	0.74 B	0.45 B	0.35 B
Zinc	7440-66-6	1500	760	1260	215	165	156
Inorganic Constituents							
Cyanide	57-12-5	1100	(0.12) U	(0.12) U	(0.11) U	(0.12) U	(0.12) U
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**Site1/S-2 (2-4)**	**Site6/S-1 (0-3)**	**Site7/S-3**	**S1**	**S2**
		Lab ID	**90037**	**90505**	**91261**	**60158001**	**60158002**
		Sample Date	**8/18/1988**	**8/24/1988**	**9/2/1988**	**1/17/1996**	**1/17/1996**
		Depth Interval	**2 - 4**	**0 - 3**	**4 - 6**	**0 - †**	**0 - †**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	0.95 B	0.48 B	(0.33) U	4.3 B	4 B
Arsenic	7440-38-2	20	18.8	**33.4**	**21.8**	11.2	8.8
Beryllium	7440-41-7	2 [1]	1.1	1.33	1.7	0.86 B	0.78 B
Cadmium	7440-43-9	39	9.8	13.3	14.1	11.6	10.1
Chromium	7440-47-3	120000	28.2	22.6	20.4	296	246
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	143	93.5	31.8	**916**	**696**
Lead	7439-92-1	400	59.1	84.9	36.7	**464**	**416**
Mercury	7439-97-6	14	1.94	0.18	(0.25) U	**29.1**	**41.5**
Nickel	7440-02-0	250	30.9	**372**	30.2	**254**	**259**
Selenium	7782-49-2	63	0.52	0.46	(0.24) U	3.7	1.9
Silver	7440-22-4	110	(0.47) U	(0.23) U	(0.5) U	20.6	26.2
Thallium	7440-28-0	2	0.49 B	0.31 B	0.48 B	(1.3) U	(1.2) U
Zinc	7440-66-6	1500	352	449	319	1460	1450
Inorganic Constituents							
Cyanide	57-12-5	1100	(0.12) U	(0.25) U	(0.12) U	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:
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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**S3**	**S4**	**S5**	**S6**	**S7**
		Lab ID	**60158003**	**60158004**	**60158005**	**60158006**	**60158007**
		Sample Date	**1/17/1996**	**1/17/1996**	**1/17/1996**	**1/17/1996**	**1/17/1996**
		Depth Interval	**0 - †**	**0 - †**	**0 - †**	**0 - †**	**0 - †**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	5.5 B	3.1 B	(4.3) U	5.4 B	5.2 B
Arsenic	7440-38-2	20	19.4	13.7	19.8 B	**20**	12.6
Beryllium	7440-41-7	2 [1]	1.3 B	0.81 B	1.5 B	1.5 B	1.2 B
Cadmium	7440-43-9	39	14	9.3	13.9	15.4	16.2
Chromium	7440-47-3	120000	265	166	223	251	169
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	**1180**	**938**	**1340**	**1530**	**1690**
Lead	7439-92-1	400	**467**	**405**	**519**	**784**	**547**
Mercury	7439-97-6	14	**39.2**	**16.3**	**56**	**38.1**	9.7
Nickel	7440-02-0	250	**268**	185	239	**251**	218
Selenium	7782-49-2	63	4.9	3.2	7.5 B	(3.2) U	5.1
Silver	7440-22-4	110	25.7	10.1	13.5 B	15.7 B	9.2
Thallium	7440-28-0	2	(1.6) U	(1.8) U	**(9.4)** U	**(6.3)** U	**(2.9)** U
Zinc	7440-66-6	1500	**2350**	**2700**	**3630**	**3820**	**4830**
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	S8	DUPLICATE	PES-12-1	PES-12-2	PES-12-3
		Lab ID	60158008	60158009	61929001	61929002	61929003
		Sample Date	1/17/1996	1/17/1996	5/10/1996	5/10/1996	5/10/1996
		Depth Interval	0 - †	0 - †	14 - 14.5	14 - 14.5	14 - 14.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	**(15)** U	5.5 B	(0.22) U	(0.21) U	(0.21) U
Arsenic	7440-38-2	20	**(25)** U	14.3	**20.3**	NR	6.6
Beryllium	7440-41-7	2 [1]	3.5 B	1.1 B	1.9	(2.2) U	1.8
Cadmium	7440-43-9	39	18.9 B	11.1	(0.55) U	(0.05) U	0.14 B
Chromium	7440-47-3	120000	332	236	12.9	(5.9) U	6.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	**2390**	**1060**	30.7	(21.30) U	15.5
Lead	7439-92-1	400	**731**	**466**	49.8	11.1	8
Mercury	7439-97-6	14	**90.2**	**28.5**	(0.13) U	(0.12) U	0.15 B
Nickel	7440-02-0	250	**340** B	223	28.3	(23) U	25.4
Selenium	7782-49-2	63	(16.4) U	4.8	0.69	(0.96) U	(0.58) U
Silver	7440-22-4	110	28.4 B	23.9	(0.06) U	(0.56) U	(0.05) U
Thallium	7440-28-0	2	**(32.6)** U	(1.5) U	1 B	0.9 B	0.87 B
Zinc	7440-66-6	1500	**4940**	**2400**	243	105	55.9
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**PES-12-4**	**PES-12-5**	**PES-12-6**	**SS-12-01**	**SS-12-02**
		Lab ID	**61929004**	**61929005**	**61929006**	**62049001**	**62049002**
		Sample Date	**5/10/1996**	**5/10/1996**	**5/10/1996**	**5/21/1996**	**5/21/1996**
		Depth Interval	**14 - 14.5**	**14 - 14.5**	**14 - 14.5**	**12 - 12.5**	**11.5 - 12**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	(0.22) U	(0.2) U	(0.2) U	(0.21) U	0.6 B
Arsenic	7440-38-2	20	3.8	9.8	5.8	17	17
Beryllium	7440-41-7	2 [1]	2.1	2.8	8.2	1.5	1.4
Cadmium	7440-43-9	39	0.13 B	0.1 B	0.96	0.24 B	(0.05) U
Chromium	7440-47-3	120000	7.4	5	4.6	19.5	15.6
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	13.5	35.2	8.1	52.2	72.7
Lead	7439-92-1	400	6.3	12	9.9	71.6	235
Mercury	7439-97-6	14	(0.13) U	0.13 B	(0.12) U	0.24	0.14
Nickel	7440-02-0	250	18.5	22.6	22.7	35.2	49
Selenium	7782-49-2	63	(0.61) U	(0.54) U	(0.55) U	(0.56) U	1.8
Silver	7440-22-4	110	(0.06) U	(0.05) U	(0.05) U	(0.05) U	(0.05) U
Thallium	7440-28-0	2	(0.48) U	(0.43) U	(0.43) U	0.59 B	1.4
Zinc	7440-66-6	1500	33.2	41.1	40.5	199	274
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**SS-12-03**	**SS-12-07**	**10ND3SS1**	**10ND1SS1**	**10ND17SS1**
		Lab ID	**62049003**	**62049004**	**84791002**	**84791001**	**84791003**
		Sample Date	**5/21/1996**	**5/21/1996**	**10/28/1998**	**10/28/1998**	**10/28/1998**
		Depth Interval	**11.5 - 12**	**10.5 - 11**	**2.5 - 3**	**3 - 3.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	0.41 B	3.5 B	(0.17) U	(0.17) U	(0.16) U
Arsenic	7440-38-2	20	15	**44.3**	10.6	**25.6**	7.62
Beryllium	7440-41-7	2 [1]	1.2	0.66	1.51	1.67	1.7
Cadmium	7440-43-9	39	0.53 B	0.61	(0.03) U	2.23	(0.02) U
Chromium	7440-47-3	120000	13.3	26.3	10.8	90.7	14.2
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	68.5	152	27	39.9	23.8
Lead	7439-92-1	400	117	381	14.9	23.6	15.8
Mercury	7439-97-6	14	0.16	0.46	0.16	0.27	0.06
Nickel	7440-02-0	250	71.9	59.3	32.1	76.8	20.6
Selenium	7782-49-2	63	0.79	(0.5) U	(0.54) U	1.44	0.62
Silver	7440-22-4	110	(0.05) U	(0.05) U	(0.08) U	(0.08) U	(0.07) U
Thallium	7440-28-0	2	(0.45) U	(0.4) U	1.44	**2.95**	1.37
Zinc	7440-66-6	1500	163	123	66.3	164	42.1
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	(1.27) U	(1.20) U	(1.10) U
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:
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Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	10-ND31SS1	10-ND5-SS1	10-ND7-SS1	10-ND9SS1	10-ND11SS1
		Lab ID	84791009	84791004	8483007	84791005	84791006
		Sample Date	10/28/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998
		Depth Interval	2.5 - 3	1.5 - 2	1.5 - 2	5.5 - 6	4 - 4.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	0.32 B	(0.17) U	(0.16) U	(0.17) U	(0.16) U
Arsenic	7440-38-2	20	13.6	18.7	**26.1**	7.16	8.52
Beryllium	7440-41-7	2 [1]	1.47	1.56	1.39	1.41	1.21
Cadmium	7440-43-9	39	3.94	(0.16) U	(0.15) U	(0.03) U	(0.03) U
Chromium	7440-47-3	120000	88.6	13.3	16.5	7.29	9.73
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	73.6	28.1	26.4	18.9	24.6
Lead	7439-92-1	400	**76300**	14.1	68.2	15.2	**961**
Mercury	7439-97-6	14	0.67	0.05	0.07	(0.04) U	(0.04) U
Nickel	7440-02-0	250	87.7	28.7	25.8	18.6	21.9
Selenium	7782-49-2	63	0.95	1.03	2.47	(0.52) U	(0.51) U
Silver	7440-22-4	110	0.51 B	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Thallium	7440-28-0	2	**4.27**	**2.2**	1.96	0.94 B	0.92 B
Zinc	7440-66-6	1500	96.4	144	138	33.6	104
Inorganic Constituents							
Cyanide	57-12-5	1100	12.80	(1.23) U	(1.17) U	(1.22) U	(1.20) U
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:
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Depths are presented in feet below ground surface (bgs).
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[1] - Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.
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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	10-ND13SS1	10-ND15SS1	10-ND19SS1	10-ND21SS1	10ND21SS1D
		Lab ID	84791007	84791008	84791010	8483002	8483006
		Sample Date	10/29/1998	10/29/1998	10/29/1998	10/29/1998	10/29/1998
		Depth Interval	6.5 - 7	1.5 - 2	2.5 - 3	3.5 - 4	3.5 - 4
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	(0.16) U	(0.17) U	0.28 B	0.24 B	(0.17) U
Arsenic	7440-38-2	20	18.4	11.2	5.24	**32.4**	14.2
Beryllium	7440-41-7	2 [1]	1.67	2.09	0.55	1.49	1.68
Cadmium	7440-43-9	39	(0.15) U	(0.32) U	(0.02) U	(0.51) U	(0.16) U
Chromium	7440-47-3	120000	14.4	10.5	8.03	12.3	14.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	40.7	28.7	20.8	23.6	28.2
Lead	7439-92-1	400	209	18.9	93.8	32.9	35.6
Mercury	7439-97-6	14	(0.03) U	0.07	(0.03) U	0.13	0.12
Nickel	7440-02-0	250	18.3	29.2	15.2	20.7	24.3
Selenium	7782-49-2	63	1.82	(0.53) U	(0.49) U	(0.64) U	1.01
Silver	7440-22-4	110	(0.08) U	(0.08) U	(0.07) U	(1.28) U	(0.08) U
Thallium	7440-28-0	2	**2.82**	1.85	(0.29) U	1.44	1.57
Zinc	7440-66-6	1500	91.6	76	43.5	59.7	80.1
Inorganic Constituents							
Cyanide	57-12-5	1100	(1.15) U	(1.21) U	(1.13) U	3.11	(1.24) U
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:
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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**10-ND23SS1**	**10-ND25SS1**	**10-ND27SS1**	**10-ND29SS1**	**USTA-SS1A**
		Lab ID	**8483004**	**8483005**	**8483003**	**8483001**	**92462003**
		Sample Date	**10/29/1998**	**10/29/1998**	**10/29/1998**	**10/29/1998**	**6/16/1999**
		Depth Interval	**6 - 6.5**	**3.5 - 4**	**1.5 - 2**	**0.5 - 1**	**10 - 10.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	(0.15) U	0.28 B	0.23 B	0.41 B	NR
Arsenic	7440-38-2	20	11.5	5.31	13.8	13.3	NR
Beryllium	7440-41-7	2 [1]	0.84	0.69	1.33	0.81	1.12
Cadmium	7440-43-9	39	(0.14) U	(0.02) U	(0.15) U	(0.03) U	NR
Chromium	7440-47-3	120000	15.5	7.27	13.5	32.9	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	32.9	12.2	25.8	22.8	NR
Lead	7439-92-1	400	22.1	9.42	22.9	29.1	NR
Mercury	7439-97-6	14	0.09	0.17	0.06	0.07	NR
Nickel	7440-02-0	250	38.4	25.8	24.1	67.2	NR
Selenium	7782-49-2	63	4.89	(0.47) U	0.66	(0.52) U	NR
Silver	7440-22-4	110	(0.07) U	(0.07) U	(0.08) U	(0.08) U	NR
Thallium	7440-28-0	2	**2.44**	0.83 B	1.31	1.61	NR
Zinc	7440-66-6	1500	71.3	417	79	128	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	(1.13) U	(1.09) U	(1.19) U	1.35	(0.01) U
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**USTA-SS2A**	**USTA-SS3A**	**USTB-SS6**	**USTB-SS2A**	**USTB-SS2A1**
		Lab ID	**92462002**	**92462001**	**92462004**	**92474006**	**92474007**
		Sample Date	**6/16/1999**	**6/16/1999**	**6/16/1999**	**6/17/1999**	**6/17/1999**
		Depth Interval	**10 - 10.5**	**18 - 18.5**	**17.5 - 18**	**18 - 18.5**	**18 - 18.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 [1]	0.68	(0.13) U	2.15	1.01	0.91
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	(0.01) U	(0.01) U	(0.01) U	(0.01) U	(0.01) U
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:
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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**USTB-SS3A**	**USTB-SS2B**	**USTB-SS3B**	**USTB-SS4A**	**USTB-SS4B**
		Lab ID	**92474004**	**92474008**	**92474005**	**92474002**	**92474003**
		Sample Date	**6/17/1999**	**6/17/1999**	**6/17/1999**	**6/17/1999**	**6/17/1999**
		Depth Interval	**18 - 18.5**	**24 - 24.5**	**24 - 24.5**	**18 - 18.5**	**21.5 - 22**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 [1]	1.55	2.41	3.58	1.36	1.44
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	(0.01) U	16.97	(0.01) U	(0.01) U	(0.01) U
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	USTB-SS5A	A10-18-A	A10-30-B	A10-30-B1	A10-31-2A
		Lab ID	92474001	92496011	92496003	92496004	92496009
		Sample Date	6/17/1999	6/18/1999	6/18/1999	6/18/1999	6/18/1999
		Depth Interval	18.5 - 19	2.5 - 3	2.5 - 3	2.5 - 3	8 - 8.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 [1]	8.57	NR	NR	NR	NR
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	50.8	284	201	**5900**
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	(0.01) U	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A10-31-2B**	**A10-6-A**	**A10-10-A**	**A10-12-A**	**A10-22-A**
		Lab ID	**92496010**	**92522007**	**92522006**	**92522002**	**92522008**
		Sample Date	**6/18/1999**	**6/21/1999**	**6/21/1999**	**6/21/1999**	**6/21/1999**
		Depth Interval	**10 - 10.5**	**4 - 4.5**	**4 - 4.5**	**4.5 - 5**	**2.5 - 3**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 [1]	NR	NR	NR	NR	NR
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	7.63	35.6	10.2	4.7	**605**
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A10-32-A	A10-11-2A	A10-34-A	Sump 1	Sump 2
		Lab ID	92522001	92522003	92601001	230362	230363
		Sample Date	6/21/1999	6/21/1999	6/26/1999	9/20/2000	9/20/2000
		Depth Interval	2.5 - 3	8 - 8.5	2.5 - 3	0 - †	0 - †
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 [1]	NR	NR	NR	NR	NR
Cadmium	7440-43-9	39	NR	NR	NR	(0.1) U	(0.1) U
Chromium	7440-47-3	120000	NR	NR	NR	14.9	10.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	29.1	37.9
Lead	7439-92-1	400	14	44.1	31.8	16.4	36.2
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	24.5	29.8
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A34-1**	**A34-2**	**A23-4A**	**A23-4**	**A23-1**
		Lab ID	**357431**	**357432**	**357429**	**357428**	**357425**
		Sample Date	**6/19/2002**	**6/19/2002**	**6/19/2002**	**6/19/2002**	**6/19/2002**
		Depth Interval	**0.3 - 0.8**	**0.5 - 1**	**0 - 0.5**	**0 - 0.5**	**0 - 0.6**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	2 B	(1.4) U	1.3 B	1.6 B	(1.6) U
Arsenic	7440-38-2	20	13.6	17.7	8.6	8.2	14.1
Beryllium	7440-41-7	2 [1]	0.61	0.94	0.29 B	0.3 B	1
Cadmium	7440-43-9	39	0.57 B	(0.09) U	1.4	2.1	0.48 B
Chromium	7440-47-3	120000	52.1	23.9	272	237	16.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	258	34.1	**2140**	**1510**	39.3
Lead	7439-92-1	400	144	47.1	93	92.2	51.9
Mercury	7439-97-6	14	0.18	0.08	2.3	2.4	0.12
Nickel	7440-02-0	250	60	23.4	**754**	**587**	19.2
Selenium	7782-49-2	63	(0.97) U	(1) U	(0.87) U	3.1	(1.1) U
Silver	7440-22-4	110	0.43 B	(0.33) U	1.6 B	4.8	(0.38) U
Thallium	7440-28-0	2	(1.1) U	(1.1) U	(0.98) U	(1.1) U	(1.3) U
Zinc	7440-66-6	1500	228	94.3	181	145	144
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A23-2**	**A23-3**	**A34-3**	**3C-3A**	**3C-5A**
		Lab ID	**357426**	**357427**	**357433**	**394795**	**394798**
		Sample Date	**6/19/2002**	**6/19/2002**	**6/19/2002**	**12/4/2002**	**12/4/2002**
		Depth Interval	**0 - 0.6**	**0 - 0.5**	**1 - 1.5**	**0 - 0.5**	**0 - 0.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	(1.4) U	(1.2) U	(1.3) U	4.2	10.9
Arsenic	7440-38-2	20	13.9	14.9	16.2	14.1	**22.2**
Beryllium	7440-41-7	2 [1]	0.81	0.78	0.92	0.33 B	1
Cadmium	7440-43-9	39	2	1.4	(0.08) U	1.3	1.3
Chromium	7440-47-3	120000	57.3	82.3	47.1	16.7	92.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	293	303	78.4	149	**1910**
Lead	7439-92-1	400	91.3	85.8	73.9	107	**1150**
Mercury	7439-97-6	14	0.26	0.17	0.06	0.12	0.15
Nickel	7440-02-0	250	61.1	89.5	130	16.3	107
Selenium	7782-49-2	63	(1) U	(0.9) U	(0.91) U	(0.78) U	(0.9) U
Silver	7440-22-4	110	0.53 B	1.2 B	(0.3) U	(0.14) U	(0.16) U
Thallium	7440-28-0	2	(1.1) U	(1.0) U	(1) U	(0.88) U	(1) U
Zinc	7440-66-6	1500	270	479	104	134	362
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:
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CAS-RN = Chemical Abstract Service Registry Number.
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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3D-2A**	**3D-3A**	**3D-5**	**3D-7A**	**3D-9**
		Lab ID	**394792**	**394773**	**394524**	**394776**	**394788**
		Sample Date	**12/4/2002**	**12/4/2002**	**12/3/2002**	**12/4/2002**	**12/4/2002**
		Depth Interval	**0 - 0.5**	**0 - 0.5**	**1 - 1.5**	**0 - 0.5**	**1.5 - 2**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	6.9	(0.76) U	(0.83) U	(0.89) U	(0.81) U
Arsenic	7440-38-2	20	**178**	10.8	(0.72) U	**64**	**64.3**
Beryllium	7440-41-7	2 [1]	0.61	0.29 B	0.04 B	0.4 B	0.52
Cadmium	7440-43-9	39	0.92 B	(0.07) U	(0.08) U	0.57 B	0.39 B
Chromium	7440-47-3	120000	187	44.5	13.2	20.7	12.1
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	**3940**	221	70.2	101	149
Lead	7439-92-1	400	**725**	48.8	68.5	102	145
Mercury	7439-97-6	14	0.3	0.04	(0.01) U	0.11	0.13
Nickel	7440-02-0	250	**1920**	35	32.3	29.6	17.1
Selenium	7782-49-2	63	(0.97) U	(0.76) U	(0.83) U	(0.89) U	(0.81) U
Silver	7440-22-4	110	(0.17) U	(0.14) U	(0.15) U	(0.16) U	(0.15) U
Thallium	7440-28-0	2	(1.1) U	(0.86) U	(0.94) U	(1) U	(0.92) U
Zinc	7440-66-6	1500	283	53	39.5	113	169
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3D-12A**	**3D-13A**	**3D-15A**	**3C-2_0-.5**	**3C-7_1-1.5**
		Lab ID	**394785**	**394782**	**394779**	**395535**	**395538**
		Sample Date	**12/4/2002**	**12/4/2002**	**12/4/2002**	**12/6/2002**	**12/6/2002**
		Depth Interval	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**1 - 1.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	(0.43) U	(1.1) U	(0.78) U	8	(1.1) U
Arsenic	7440-38-2	20	**111**	**281**	**79.2**	**21.5**	17.2
Beryllium	7440-41-7	2 [1]	0.07 B	0.57	0.3 B	0.56	0.95
Cadmium	7440-43-9	39	0.45 B	3.5	0.57 B	4	(0.09) U
Chromium	7440-47-3	120000	24.2	138	30.3	90	25.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	55.6	316	87.9	110	25.1
Lead	7439-92-1	400	144	**1240**	183	139	22.4
Mercury	7439-97-6	14	0.39	0.3	0.05	0.09	0.05
Nickel	7440-02-0	250	19.8	144	40.2	55.8	18
Selenium	7782-49-2	63	(0.43) U	(1.1) U	(0.78) U	1.5	1.8
Silver	7440-22-4	110	(0.07) U	(0.19) U	(0.14) U	0.65 B	(0.27) U
Thallium	7440-28-0	2	(0.98) U	(1.2) U	(0.88) U	(1.1) U	(1) U
Zinc	7440-66-6	1500	123	623	126	130	92
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3C-11_0-0.5**	**3C-13_0-.5**	**3C-15_0-.5**	**3C-17_2-2.5**	**3C-19_2-2.5**
		Lab ID	**395540**	**395548**	**395545**	**395553**	**395551**
		Sample Date	**12/6/2002**	**12/6/2002**	**12/6/2002**	**12/6/2002**	**12/6/2002**
		Depth Interval	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**2 - 2.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	2.5	(1) U	(1.1) U	1.4 B	(1.1) U
Arsenic	7440-38-2	20	**594**	**59.1**	**35.7**	**145**	18.9
Beryllium	7440-41-7	2 [1]	1.2	1.4	0.74	0.54	1.3
Cadmium	7440-43-9	39	0.16 B	(0.09) U	(0.09) U	0.3 B	(0.09) U
Chromium	7440-47-3	120000	15.9	15.2	16.4	14.5	20.1
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	86	26.1	15.4	33.1	22.9
Lead	7439-92-1	400	44.7	14.9	14.9	25.5	12.1
Mercury	7439-97-6	14	0.12	0.05	0.02 B	0.07	0.05
Nickel	7440-02-0	250	21.7	29.2	13.4	20.1	23.5
Selenium	7782-49-2	63	(1.1) U	2.2	(1.1) U	(1.1) U	1.6
Silver	7440-22-4	110	0.36 B	(0.25) U	(0.27) U	(0.27) U	(0.27) U
Thallium	7440-28-0	2	(1) U	(0.92) U	(0.99) U	(0.99) U	(1) U
Zinc	7440-66-6	1500	128	158	66	105	118
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3C-9_0-.5**	**3C-27_0-.5**	**3C-21_0-0.5**	**3C-23_0-.5**	**3C-25_0-.5**
		Lab ID	**396002**	**395993**	**395990**	**395996**	**395999**
		Sample Date	**12/9/2002**	**12/9/2002**	**12/9/2002**	**12/9/2002**	**12/9/2002**
		Depth Interval	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	(0.94) U	(1.2) U	(0.95) U	(0.95) U	(0.86) U
Arsenic	7440-38-2	20	19.4	12.7	16	18.3	14.3
Beryllium	7440-41-7	2 [1]	1.2	1.1	1	0.78	0.85
Cadmium	7440-43-9	39	(0.09) U	(0.13) U	(0.09) U	0.21 B	(0.08) U
Chromium	7440-47-3	120000	21	28.4	14.7	19.8	16
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	22.9	31	26.6	43.9	17.1
Lead	7439-92-1	400	15.8	25.7	22	70.5	17.1
Mercury	7439-97-6	14	0.04 B	0.05	0.05	0.06	0.02 B
Nickel	7440-02-0	250	25.2	20.8	14.2	20.5	16
Selenium	7782-49-2	63	(0.94) U	(4.1) U	(0.95) U	(0.95) U	(4.3) U
Silver	7440-22-4	110	(0.17) U	(0.22) U	(0.17) U	(0.17) U	(0.15) U
Thallium	7440-28-0	2	(1.1) U	(1.4) U	(1.1) U	(1.1) U	(0.97) U
Zinc	7440-66-6	1500	107	103	69.2	139	74.6
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-16 (2.0-2.5)	16-17 (2.0-2.5)	16-17 (5.0-5.5)	16-18 (2.0-2.5)	16-18 (5.0-5.5)
		Lab ID	229993-005	229993-006	229994-009	229993-003	229994-005
		Sample Date	10/27/2003	10/27/2003	10/27/2003	10/27/2003	10/27/2003
		Depth Interval	2 - 2.5	2 - 2.5	5 - 5.5	2 - 2.5	5 - 5.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	1.2 UN	1.2 UN	NR	2.6 UN	NR
Arsenic	7440-38-2	20	13.6 N	17.8 N	NR	**20.9** N	19.9
Beryllium	7440-41-7	2 [1]	1.1 B	0.88 B	NR	3.2	2.8
Cadmium	7440-43-9	39	0.54 B	0.84 B	NR	1.1 B	NR
Chromium	7440-47-3	120000	9	36.9	19.3	20.3	15.2
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	25.2	13	NR	42.5	NR
Lead	7439-92-1	400	13.2 N	31.6 N	NR	37.7 N	NR
Mercury	7439-97-6	14	0.06 UN	0.058 UN	NR	0.08 N	NR
Nickel	7440-02-0	250	25 E	14.6 E	NR	35.2 E	NR
Selenium	7782-49-2	63	0.28 UN	0.29 UWN	NR	0.44 BWN	NR
Silver	7440-22-4	110	0.63 UN	0.62 UN	NR	1.4 UN	NR
Thallium	7440-28-0	2	0.84 UN	**16.5** N	0.85 UN	1.8 UN	NR
Zinc	7440-66-6	1500	128 N	86.8 N	NR	172 N	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-18 (7.5-8.0)**	**16-31 (4.0-4.5)**	**16-31 (6.0-6.5)**	**16-31 (7.5-8.0)**	**16-32 (2.0-2.5)**
		Lab ID	**229994-006**	**229993-002**	**229994-003**	**229994-004**	**229993-001**
		Sample Date	**10/27/2003**	**10/27/2003**	**10/27/2003**	**10/27/2003**	**10/27/2003**
		Depth Interval	**7.5 - 8**	**4 - 4.5**	**6 - 6.5**	**7.5 - 8**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	1.3 UN	NR	NR	1.4 UN
Arsenic	7440-38-2	20	NR	**35.7** N	**35.6**	**22.5** N	**23** N
Beryllium	7440-41-7	2 [1]	1.9	1.9	NR	NR	2
Cadmium	7440-43-9	39	NR	0.95 B	NR	NR	1.1 B
Chromium	7440-47-3	120000	NR	13.9	NR	NR	13.4
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	30.9	NR	NR	30.1
Lead	7439-92-1	400	NR	18.3 N	NR	NR	19.2 N
Mercury	7439-97-6	14	NR	0.06 UN	NR	NR	0.067 UN
Nickel	7440-02-0	250	NR	35.2 E	NR	NR	30 E
Selenium	7782-49-2	63	NR	0.3 UN	NR	NR	0.33 UN
Silver	7440-22-4	110	NR	0.65 UN	NR	NR	0.73 UN
Thallium	7440-28-0	2	NR	0.88 UN	NR	NR	0.98 UN
Zinc	7440-66-6	1500	NR	182 N	NR	NR	215 N
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
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		Sample ID	16-32 (5.0-5.5)	16-10 (2.0-2.5)	16-10 (5.0-5.5)	16-10 (7.5-8.0)	16-19 (4.0-4.5)
		Lab ID	229994-001	229993-012	229995-007	229995-008	229993-008
		Sample Date	10/27/2003	10/28/2003	10/28/2003	10/28/2003	10/28/2003
		Depth Interval	5 - 5.5	2 - 2.5	5 - 5.5	7.5 - 8	4 - 4.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	1.2 UN	NR	NR	1.1 UN
Arsenic	7440-38-2	20	17.3	19.4 N	NR	NR	6.3 N
Beryllium	7440-41-7	2 [1]	1.8	12.8	4.7	3.2	0.48 B
Cadmium	7440-43-9	39	NR	6.4	NR	NR	0.26 B
Chromium	7440-47-3	120000	NR	13.8	NR	NR	4.9
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	44.3	NR	NR	10.2
Lead	7439-92-1	400	NR	19.6 N	NR	NR	8.6 N
Mercury	7439-97-6	14	NR	0.062 UN	NR	NR	0.053 UN
Nickel	7440-02-0	250	NR	51.3 E	NR	NR	8.5 BE
Selenium	7782-49-2	63	NR	0.3 UN	NR	NR	0.26 UWN
Silver	7440-22-4	110	NR	0.63 UN	NR	NR	0.57 UN
Thallium	7440-28-0	2	NR	0.85 UN	NR	NR	0.77 UN
Zinc	7440-66-6	1500	NR	145 N	NR	NR	27.8 N
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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B - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

E - Indicates that value is estimated because of interference.

N - Spiked sample recovery not within control limits.

NR - Indicates that the analyte was not requested.

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W - Post-digestion spike outside control limits (85%-115%), while sample absorbance is less than 50% of spike absorbance.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-21 (4.0-4.5)**	**16-22 (4.0-4.5)**	**16-23 (6.0-6.5)**	**16-23 (8.0-8.5)**	**16-23 (11.5-12.0)**
		Lab ID	**229993-009**	**229993-010**	**229993-011**	**229995-005**	**229995-006**
		Sample Date	**10/28/2003**	**10/28/2003**	**10/28/2003**	**10/28/2003**	**10/28/2003**
		Depth Interval	**4 - 4.5**	**4 - 4.5**	**6 - 6.5**	**8 - 8.5**	**11.5 - 12**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	1.1 UN	1.2 UN	1.3 UN	NR	NR
Arsenic	7440-38-2	20	8 N	12.3 N	12.1 N	NR	NR
Beryllium	7440-41-7	2 [1]	1.3	1.7	2.3	2.7	2.2
Cadmium	7440-43-9	39	0.63 B	0.5 B	2.5	NR	NR
Chromium	7440-47-3	120000	9.2	9	12.2	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	19	55.6	25.2	NR	NR
Lead	7439-92-1	400	21.4 N	15 N	16.1 N	NR	NR
Mercury	7439-97-6	14	0.058 UN	0.056 UN	0.085 N	NR	NR
Nickel	7440-02-0	250	21.9 E	35.9 E	20.5 E	NR	NR
Selenium	7782-49-2	63	0.27 UWN	0.29 UWN	0.31 UWN	NR	NR
Silver	7440-22-4	110	0.59 UN	0.64 UN	0.68 UN	NR	NR
Thallium	7440-28-0	2	0.8 UN	0.86 UN	0.91 UN	NR	NR
Zinc	7440-66-6	1500	57.8 N	34.5 N	703 N	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram (mg/kg).

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CAS-RN = Chemical Abstract Service Registry Number.

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W - Post-digestion spike outside control limits (85%-115%), while sample absorbance is less than 50% of spike absorbance.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-27 (2.0-2.5)**	**16-27 (5.0-5.5)**	**16-12 (2.0-2.5)**	**16-12P (2.0-2.5)**	**16-12 (5.0-5.5)**
		Lab ID	**229993-013**	**229995-009**	**230055-003**	**230055-004**	**230056-005**
		Sample Date	**10/28/2003**	**10/28/2003**	**10/29/2003**	**10/29/2003**	**10/29/2003**
		Depth Interval	**2 - 2.5**	**5 - 5.5**	**2 - 2.5**	**2 - 2.5**	**5 - 5.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	2.6 UN	NR	1.3 UN	1.3 UN	NR
Arsenic	7440-38-2	20	**20** N	5.2	18.1	16.6	NR
Beryllium	7440-41-7	2 [1]	3.2	1.2	2.6	1.9	1.9
Cadmium	7440-43-9	39	0.83 B	NR	0.92 B	0.68 B	NR
Chromium	7440-47-3	120000	20.4	6.9	11.4	12.5	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	52.7	NR	44.9	44.3	NR
Lead	7439-92-1	400	26.7 N	NR	32.8 N	28.6 N	NR
Mercury	7439-97-6	14	0.096 N	NR	0.11 N	0.069 N	NR
Nickel	7440-02-0	250	29.3 E	NR	35.1	44.4	NR
Selenium	7782-49-2	63	0.29 UWN	NR	0.56 BW	0.48 B	NR
Silver	7440-22-4	110	1.3 UN	NR	0.66 UN	0.65 UN	NR
Thallium	7440-28-0	2	1.8 UN	NR	(0.89) U	(0.88) U	NR
Zinc	7440-66-6	1500	91.8 N	NR	235 *	149 *	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-13 (4.0-4.5)	16-13 (6.0-6.5)	16-14 (2.0-2.5)	16-14 (5.0-5.5)	16-15 (2.0-2.5)
		Lab ID	230055-005	230056-007	230055-006	230056-009	230055-007
		Sample Date	10/29/2003	10/29/2003	10/29/2003	10/29/2003	10/29/2003
		Depth Interval	4 - 4.5	6 - 6.5	2 - 2.5	5 - 5.5	2 - 2.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	1.3 UN	NR	1.2 UN	NR	1.2 UN
Arsenic	7440-38-2	20	16.9	NR	**32.7**	16.9	17.1
Beryllium	7440-41-7	2 [1]	2.8	1.8	1.9	NR	1.9
Cadmium	7440-43-9	39	1 B	NR	0.91 B	NR	0.99 B
Chromium	7440-47-3	120000	14.2	NR	14.1	NR	11.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	27.7	NR	35.3	NR	38
Lead	7439-92-1	400	18.5 N	NR	17.3 N	NR	15.4 N
Mercury	7439-97-6	14	0.063 UN	NR	0.059 UN	NR	0.056 UN
Nickel	7440-02-0	250	32.9	NR	39.5	NR	28.7
Selenium	7782-49-2	63	0.6 BW	NR	0.43 B	NR	0.67 BW
Silver	7440-22-4	110	0.66 UN	NR	0.62 UN	NR	0.64 UN
Thallium	7440-28-0	2	(0.89) U	NR	(0.83) U	NR	(0.86) U
Zinc	7440-66-6	1500	85 *	NR	197 *	NR	123 *
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-20 (2.0-2.5)**	**16-20 (5.0-5.5)**	**16-26 (2.0-2.5)**	**16-26 (5.0-5.5)**	**16-4 (2.0-2.5)**
		Lab ID	**230055-002**	**230056-003**	**230055-001**	**230056-001**	**230110-007**
		Sample Date	**10/29/2003**	**10/29/2003**	**10/29/2003**	**10/29/2003**	**10/30/2003**
		Depth Interval	**2 - 2.5**	**5 - 5.5**	**2 - 2.5**	**5 - 5.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	1.3 UN	NR	1.3 UN	NR	1.3 UN
Arsenic	7440-38-2	20	19	NR	15.7	NR	13.1
Beryllium	7440-41-7	2 [1]	2.6	1.3	2.2	0.72 B	1.2 B
Cadmium	7440-43-9	39	1.1 B	NR	0.69 B	NR	0.92 B
Chromium	7440-47-3	120000	17.4	NR	10.7	NR	11.3
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	36.7	NR	49.3	NR	21.3
Lead	7439-92-1	400	22.6 N	NR	18.2 N	NR	11.3
Mercury	7439-97-6	14	0.059 UN	NR	0.065 UN	NR	0.095 N
Nickel	7440-02-0	250	23.2	NR	31.7	NR	24.7
Selenium	7782-49-2	63	0.53 BW	NR	0.38 B	NR	0.46 B W
Silver	7440-22-4	110	0.68 UN	NR	0.68 UN	NR	0.44 UN
Thallium	7440-28-0	2	(0.92) U	NR	0.92 B	NR	(1.00) U
Zinc	7440-66-6	1500	121 *	NR	75.5 *	NR	129
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram (mg/kg).

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Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-5 (2.0-2.5)**	**16-5 (5.0-5.5)**	**16-5 (9.5-10.0)**	**16-6 (2.0-2.5)**	**16-7 (2.0-2.5)**
		Lab ID	**230110-006**	**230111-009**	**230111-010**	**230110-005**	**230110-004**
		Sample Date	**10/30/2003**	**10/30/2003**	**10/30/2003**	**10/30/2003**	**10/30/2003**
		Depth Interval	**2 - 2.5**	**5 - 5.5**	**9.5 - 10**	**2 - 2.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	1.6 BN	NR	NR	1.6 UN	5.7 BN
Arsenic	7440-38-2	20	**20**	**25.9**	18.9 N	6.8	18.9
Beryllium	7440-41-7	2 [1]	0.97 B	NR	NR	1 B	1.2 B
Cadmium	7440-43-9	39	0.82 B	NR	NR	0.87 B	0.76 B
Chromium	7440-47-3	120000	22.1	15.3	NR	7.4	17.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	20.9	NR	NR	54.8	26
Lead	7439-92-1	400	12.1	NR	NR	12.6	26.9
Mercury	7439-97-6	14	0.058 UN	NR	NR	0.17 N	0.058 UN
Nickel	7440-02-0	250	22.7	NR	NR	19.8	21.4
Selenium	7782-49-2	63	0.53 B W	NR	NR	0.35 U W	0.3 U W
Silver	7440-22-4	110	0.43 UN	NR	NR	0.52 UN	0.45 UN
Thallium	7440-28-0	2	(1.00) U	NR	NR	(1.20) U	(1.10) U
Zinc	7440-66-6	1500	125	NR	NR	63.5	129
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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Depths are presented in feet below ground surface (bgs).

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-28 (2.0-2.5)**	**16-30 (2.0-2.5)**	**16-1 (2.0-2.5)**	**16-2 (2.0-2.5)**	**16-3 (2.0-2.5)**
		Lab ID	**230110-003**	**230110-001**	**230156-005**	**230156-004**	**230156-002**
		Sample Date	**10/30/2003**	**10/30/2003**	**10/31/2003**	**10/31/2003**	**10/31/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	2.3 BN	1.3 UN	1.2 UN	1.1 UN	1.3 UN
Arsenic	7440-38-2	20	9.5	15.6	12.2 *	16.1 *	14 *
Beryllium	7440-41-7	2 [1]	0.98 B	1.3	1.3	0.86 B	0.76 B
Cadmium	7440-43-9	39	1.1 B	0.95 B	0.97 B	0.95 B	0.9 B
Chromium	7440-47-3	120000	21	11.5	20.7	14.6	20.4
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	22.3	21.8	32	21.2	19.8
Lead	7439-92-1	400	15.2	11.3	37.7 *	10.6 *	21.6 *
Mercury	7439-97-6	14	0.17 N	0.057 UN	0.12 *	0.054 U*	0.1 *
Nickel	7440-02-0	250	17.5	28.5	28	11.1	10.1
Selenium	7782-49-2	63	0.29 UWN	0.28 UWN	0.33 BN	0.26 UN	0.3 UN
Silver	7440-22-4	110	0.44 UN	0.42 UN	0.64 UN	0.56 UN	0.66 UN
Thallium	7440-28-0	2	(1.00) U	(1.00) U	0.86 UN	0.75 UN	0.88 UN
Zinc	7440-66-6	1500	88.9	147	92.6 *E	67.7 *E	59 *E
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	16-8 (2.0-2.5)	16-9 (2.0-2.5)	16-9 (5.0-5.5)	16-29 (3.0-3.5)
		Lab ID	230156-006	230156-007	230157-011	230156-001
		Sample Date	10/31/2003	10/31/2003	10/31/2003	10/31/2003
		Depth Interval	2 - 2.5	2 - 2.5	5 - 5.5	3 - 3.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**				
Antimony	7440-36-0	14	1.2 UN	1.2 UN	NR	1.2 UN
Arsenic	7440-38-2	20	15.1 *	**20.3** *	17.4	12.3 *
Beryllium	7440-41-7	2 [1]	1 B	1.7	NR	1.2
Cadmium	7440-43-9	39	0.97 B	1.3	NR	1.4
Chromium	7440-47-3	120000	14	12.3	NR	12.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR
Copper	7440-50-8	600	24.4	32.6	NR	25.5
Lead	7439-92-1	400	15.2 *	17 *	NR	218 *
Mercury	7439-97-6	14	0.062 U*	0.058 U*	NR	0.11 *
Nickel	7440-02-0	250	15	29.2	NR	13.3
Selenium	7782-49-2	63	0.3 UN	0.29 UN	NR	0.36 BWN
Silver	7440-22-4	110	0.63 UN	0.65 UN	NR	0.62 UN
Thallium	7440-28-0	2	0.84 UN	0.87 UN	NR	0.84 UN
Zinc	7440-66-6	1500	82.6 *E	147 *E	NR	494 *E
Inorganic Constituents						
Cyanide	57-12-5	1100	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR

NOTES:
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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B-16-1 (12.5-13.0)	B-16-2 (12.5-13.0)	B-16-3 (26.5-27.0)	B-16-4 (26.5-27.0)	16-24 (2.0-2.5)
		Lab ID	230210-001	230210-002	230210-003	230210-004	230207-001
		Sample Date	11/3/2003	11/3/2003	11/3/2003	11/3/2003	11/3/2003
		Depth Interval	12.5 - 13	12.5 - 13	26.5 - 27	26.5 - 27	2 - 2.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	1.2 U N	1.2 U N	1.3 U N	1.2 U N	1.2 U N
Arsenic	7440-38-2	20	**20.6** N	19.9 N	**22.2** N	**106** N	**23.5** N
Beryllium	7440-41-7	2 [1]	1.6	2	2.6	2.7	1.8
Cadmium	7440-43-9	39	0.61 B	0.69 B	1.2 B	1.2	0.49 B
Chromium	7440-47-3	120000	12.6	11.5	26.7	15.3	13.3
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	31.4	33.3	62.7	41.8	28.4
Lead	7439-92-1	400	16.1	15	69.2	33.1	15.8
Mercury	7439-97-6	14	(0.057) U	(0.06) U	(0.059) U	(0.06) U	0.06 U*
Nickel	7440-02-0	250	30.1 E	25.9 E	75.3 E	47.7 E	24.4 E
Selenium	7782-49-2	63	0.28 U W N	0.29 U W N	0.3 U W N	0.29 U W N	0.29 U W N
Silver	7440-22-4	110	0.62 U N	0.64 U N	0.66 U N	0.61 U N	0.61 U N
Thallium	7440-28-0	2	0.84 U N	0.86 U N	0.88 U N	0.82 U N	0.82 U N
Zinc	7440-66-6	1500	160	153	181	226	149
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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[1] - Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.

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W - Post-digestion spike outside control limits (85%-115%), while sample absorbance is less than 50% of spike absorbance.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-24 (5.0-5.5)**	**16-25 (2.0-2.5)**	**16-25P (2.0-2.5)**	**AOC-3D-2A (3.5-4.0)**	**AOC-3D-2B (11.5-12.0)**
		Lab ID	**230208-001**	**230207-002**	**230207-003**	**230327-009**	**230327-010**
		Sample Date	**11/3/2003**	**11/3/2003**	**11/3/2003**	**11/5/2003**	**11/5/2003**
		Depth Interval	**5 - 5.5**	**2 - 2.5**	**2 - 2.5**	**3.5 - 4**	**11.5 - 12**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	1.3 U N	1.3 U N	NR	NR
Arsenic	7440-38-2	20	14.7	16.6 N	11.4 N	NR	NR
Beryllium	7440-41-7	2 [1]	NR	1.3	1.6	NR	NR
Cadmium	7440-43-9	39	NR	0.4 B	0.25 B	NR	NR
Chromium	7440-47-3	120000	NR	5.9	5.5	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	24.6	14.6	382 *	38.6 *
Lead	7439-92-1	400	NR	8.7	8.2	70.3 *	12.4 *
Mercury	7439-97-6	14	NR	0.06 U*	0.061 U*	NR	NR
Nickel	7440-02-0	250	NR	46.6 E	32.5 E	10.3 *	30.5 *
Selenium	7782-49-2	63	NR	0.31 U W N	0.3 U W N	NR	NR
Silver	7440-22-4	110	NR	0.68 U N	0.65 U N	NR	NR
Thallium	7440-28-0	2	NR	0.92 U N	0.88 U N	NR	NR
Zinc	7440-66-6	1500	NR	33.5	48.7	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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W - Post-digestion spike outside control limits (85%-115%), while sample absorbance is less than 50% of spike absorbance.

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-3D-9A (3.5-4.0)	AOC-3D-9B (15.5-16.0)	AOC-39-2 (2.5-3.0)	AOC-39-4 (2.5-3.0)	AOC-39-5 (2.5-3.0)
		Lab ID	230327-011	230327-012	230327-004	230327-006	230327-008
		Sample Date	11/5/2003	11/5/2003	11/5/2003	11/5/2003	11/5/2003
		Depth Interval	3.5 - 4	15.5 - 16	2.5 - 3	2.5 - 3	2.5 - 3
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	5.1 B N	1.8 B N	1.3 B N
Arsenic	7440-38-2	20	4.8 *	16 *	**31.5** *	**21.9** *	15.8 *
Beryllium	7440-41-7	2 [1]	NR	NR	0.93 B	0.45 B	0.32 B
Cadmium	7440-43-9	39	NR	NR	0.64 B	0.38 B	0.15 B
Chromium	7440-47-3	120000	NR	NR	37 *N	23.5 *N	8.7 *N
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	245 *	104 *	42.1 *
Lead	7439-92-1	400	NR	NR	**708** *	60.1 *	222 *
Mercury	7439-97-6	14	NR	NR	0.18	0.16	0.14
Nickel	7440-02-0	250	NR	NR	118 *	66.5 *	53.6 *
Selenium	7782-49-2	63	NR	NR	0.71 B W N	0.36 B W N	0.95 B N
Silver	7440-22-4	110	NR	NR	0.58 U N	0.64 U N	0.62 U N
Thallium	7440-28-0	2	NR	NR	0.78 U N	0.86 U N	0.84 U N
Zinc	7440-66-6	1500	NR	NR	95.8	76	117
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC-39-6 (2.5-3.0)**	**AOC-39-3A (2.5-3.0)**	**AOC-39-1A (3.5-4.0)**	**AOC-39-1B (6.5-7.0)**	**AOC-39-1C (11.5-12.0)**
		Lab ID	**230327-007**	**230327-005**	**230327-001**	**230327-002**	**230327-003**
		Sample Date	**11/5/2003**	**11/5/2003**	**11/5/2003**	**11/5/2003**	**11/5/2003**
		Depth Interval	**2.5 - 3**	**2.5 - 3**	**3.5 - 4**	**6.5 - 7**	**11.5 - 12**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	1.2 U N	1.1 U N	1.2 U N	1.2 U N	1.2 U N
Arsenic	7440-38-2	20	**21.6** *	13.9 *	18.6 *	18.4 *	**22.1** *
Beryllium	7440-41-7	2 [1]	0.33 B	1.6	2.1	1.5	1.6
Cadmium	7440-43-9	39	0.1 B	0.59 B	0.73 B	0.5 B	0.43 B
Chromium	7440-47-3	120000	11.3 *N	12.9 *N	12.6 *N	19.8 *N	10.4 *N
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	23.6 *	52.3 *	30.6 *	41.8 *	29 *
Lead	7439-92-1	400	33.2 *	35.8 *	19.6 *	41.4 *	15.6 *
Mercury	7439-97-6	14	0.08	0.07	0.08	0.08	0.12
Nickel	7440-02-0	250	24.1 *	35.4 *	43 *	58.5 *	28.9 *
Selenium	7782-49-2	63	0.51 B W N	0.26 U N	0.3 U N	0.84 B W N	0.28 U N
Silver	7440-22-4	110	0.63 U N	0.58 U N	0.63 U N	0.61 U N	0.6 U N
Thallium	7440-28-0	2	0.85 U N	0.78 U N	0.85 U N	0.82 U N	0.81 U N
Zinc	7440-66-6	1500	18.3	95.5	280	145	133
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**USTB-5DD**	**USTB-5P**	**AOC-1-3A (3.5-4.0)**	**AOC-1-3B (6.5-7.0)**	**AOC-1-6A (3.5-4.0)**
		Lab ID	**230328-002**	**230328-003**	**230361-026**	**230361-027**	**230361-024**
		Sample Date	**11/5/2003**	**11/5/2003**	**11/6/2003**	**11/6/2003**	**11/6/2003**
		Depth Interval	**23.5 - 24**	**23.5 - 24**	**3.5 - 4**	**6.5 - 7**	**3.5 - 4**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	NR	NR	9.4 *N	8.5 *N	11 *N
Beryllium	7440-41-7	2 [1]	6	6.1	NR	NR	NR
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	24.7	NR
Lead	7439-92-1	400	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-3C-2A (3.5-4.0)	AOC-3C-2B (9.5-10.0)	AOC-3C-5A (3.5-4.0)	AOC-3C-5B (9.5-10.0)	AOC-3C-11A (3.5-4.0)
		Lab ID	230361-009	230361-010	230361-013	230361-014	230361-017
		Sample Date	11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
		Depth Interval	3.5 - 4	9.5 - 10	3.5 - 4	9.5 - 10	3.5 - 4
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	19.6 N	**28.3** N	15.8 N	14.3 N	16.1 N
Beryllium	7440-41-7	2 [1]	NR	NR	NR	NR	NR
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	16.2	24.5	NR
Lead	7439-92-1	400	NR	NR	21 *	10.9 *	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC-3C-11B (9.5-10.0)**	**AOC-3C-13A (3.5-4.0)**	**AOC-3C-13B (9.5-10.0)**	**AOC-3C-15A (5.5-6.0)**	**AOC-3C-15B (9.5-10.0)**
		Lab ID	**230361-018**	**230361-015**	**230361-016**	**230361-019**	**230361-020**
		Sample Date	**11/6/2003**	**11/6/2003**	**11/6/2003**	**11/6/2003**	**11/6/2003**
		Depth Interval	**9.5 - 10**	**3.5 - 4**	**9.5 - 10**	**5.5 - 6**	**9.5 - 10**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	11.6 N	13.5 N	18.4 N	**206** N	11.5 N
Beryllium	7440-41-7	2 [1]	NR	NR	NR	NR	NR
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	AOC-3C-17A (5.5-6.0)	AOC-3C-17B (9.5-10.0)	AOC-3D-12A (3.5-4.0)	AOC-3D-12B (11.5-12.0)	AOC-3D-13A (3.5-4.0)
		Lab ID	230361-021	230361-022	230361-007	230361-008	230361-005
		Sample Date	11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
		Depth Interval	5.5 - 6	9.5 - 10	3.5 - 4	11.5 - 12	3.5 - 4
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	17.4 N	12.3 N	**174** N	15.4 N	**221** N
Beryllium	7440-41-7	2 [1]	NR	NR	NR	NR	NR
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	NR	NR	NR	31.3 *
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**AOC-3D-13B (14.5-15.0)**	**AOC-3D-15A (3.5-4.0)**	**AOC-3D-15B (11.5-12.0)**	**16-17(2.0-2.5)**	**16-27(2.0-2.5)**
		Lab ID	**230361-006**	**230361-003**	**230361-004**	**480751**	**480752**
		Sample Date	**11/6/2003**	**11/6/2003**	**11/6/2003**	**11/13/2003**	**11/13/2003**
		Depth Interval	**14.5 - 15**	**3.5 - 4**	**11.5 - 12**	**2 - 2.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	16.2 N	**93.2** N	7.3 N	NR	NR
Beryllium	7440-41-7	2 [1]	NR	NR	NR	NR	NR
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	NR	NR	NR	NR	NR
Chromium VI	18540-29-9	20	NR	NR	(2) U	(2) U	(2) U
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	21.9 *	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

[1] - Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.

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E - Indicates that value is estimated because of interference.

N - Spiked sample recovery not within control limits.

NR - Indicates that the analyte was not requested.

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W - Post-digestion spike outside control limits (85%-115%), while sample absorbance is less than 50% of spike absorbance.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-33 (2.0-2.5)**	**16-34 (2.0-2.5)**	**16-35 (2.0-2.5)**	**16-36 (2.0-2.5)**	**16-37 (2.0-2.5)**
		Lab ID	**231276-001**	**231276-002**	**231276-003**	**231276-004**	**231276-005**
		Sample Date	**12/1/2003**	**12/1/2003**	**12/1/2003**	**12/1/2003**	**12/1/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	9.9 N	16 N	16.7 N	17.2 N	18.5 N
Beryllium	7440-41-7	2 [1]	0.55 B	1.2	1.7	0.99 B	1.1 B
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	18.2	57	13.4	21.2	17.3
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	0.86 U N	0.84 U N	0.86 U N	0.86 U N	0.82 U N
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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W - Post-digestion spike outside control limits (85%-115%), while sample absorbance is less than 50% of spike absorbance.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-38 (2.0-2.5)**	**16-39 (2.0-2.5)**	**A3E-1 (2.0-2.5)**	**A3E-1 (12.5-13.0)**	**A3E-13 (11.5-12.0)**
		Lab ID	**231276-006**	**231249-001**	**231251-001**	**231251-002**	**231251-004**
		Sample Date	**12/1/2003**	**12/3/2003**	**12/3/2003**	**12/3/2003**	**12/3/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**12.5 - 13**	**11.5 - 12**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	1.2 U N	1.1 U N
Arsenic	7440-38-2	20	17.8 N	12.5 N	NR	16	10.9
Beryllium	7440-41-7	2 [1]	1.7	0.62 B	NR	1.8	1.6
Cadmium	7440-43-9	39	NR	NR	NR	0.22 B	0.2 B
Chromium	7440-47-3	120000	15.4	15.9	16.7	12.1	8.2
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	32.7	25.2
Lead	7439-92-1	400	NR	NR	NR	16.6	13.2
Mercury	7439-97-6	14	NR	NR	NR	(0.061) U	(0.06) U
Nickel	7440-02-0	250	NR	NR	NR	29.4	27.3
Selenium	7782-49-2	63	NR	NR	NR	0.29 U N	0.28 U N
Silver	7440-22-4	110	NR	NR	NR	(0.63) U	(0.6) U
Thallium	7440-28-0	2	0.82 U N	0.86 U N	NR	0.85 U N	0.8 U N
Zinc	7440-66-6	1500	NR	NR	NR	156	116
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	A3E-13 (2.0-2.5)	A3E-3 (1.5-2.0)	A3E-5 (2.0-2.5)	A3E-11 (1.5-2.0)	B16-7 (19.0-19.5)
		Lab ID	231251-003	231288-002	231288-003	231288-001	231287-007
		Sample Date	12/3/2003	12/4/2003	12/4/2003	12/4/2003	12/4/2003
		Depth Interval	2 - 2.5	1.5 - 2	2 - 2.5	1.5 - 2	19 - 19.5
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	1.1 U N	1.2 BN	1.1 BN	NR
Arsenic	7440-38-2	20	NR	14	13.9	10.9	6.8 *
Beryllium	7440-41-7	2 [1]	NR	0.6 B	0.46 B	0.64 B	1.4
Cadmium	7440-43-9	39	NR	0.07 U N	0.064 U N	0.064 U N	NR
Chromium	7440-47-3	120000	30.8	41.1	17.8	21.9	12.2 *
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	128	437	49.6	NR
Lead	7439-92-1	400	NR	54.9	92.4	28.8	NR
Mercury	7439-97-6	14	NR	0.07	0.12	(0.054) U	NR
Nickel	7440-02-0	250	NR	63.9	44.4	27.5	NR
Selenium	7782-49-2	63	NR	0.54 B	1.2	0.32 B	NR
Silver	7440-22-4	110	NR	(0.59) U	(0.55) U	(0.55) U	NR
Thallium	7440-28-0	2	NR	0.79 U N	0.74 U N	0.75 U N	NR
Zinc	7440-66-6	1500	NR	99.5	41.6	69	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B16-9 (5.0-5.5)**	**B16-9 (18.5-19.0)**	**B16-1A (5.0-5.5)**	**B16-1A (26.5-27.0)**	**B16-2A (5.0-5.5)**
		Lab ID	**231287-013**	**231287-015**	**231287-001**	**231287-002**	**231287-003**
		Sample Date	**12/4/2003**	**12/4/2003**	**12/4/2003**	**12/4/2003**	**12/4/2003**
		Depth Interval	**5 - 5.5**	**18.5 - 19**	**5 - 5.5**	**26.5 - 27**	**5 - 5.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	9.5 *	9.8 *	9.1 *	6.6 *	9.4 *
Beryllium	7440-41-7	2 [1]	0.77 B	2.1	1.3	1.7	1.1 B
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	15.2 *	7.1 *	9.5 *	9.9 *	13.3 *
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	B16-2A (18.5-19.0)	B16-5 (18.5-19.0)	B16-6 (22.5-23.0)	B16-7 (5.0-5.5)	B16-7 (12.5-13.0)
		Lab ID	231287-004	231287-009	231287-008	231287-005	231287-006
		Sample Date	12/4/2003	12/4/2003	12/4/2003	12/4/2003	12/4/2003
		Depth Interval	18.5 - 19	18.5 - 19	22.5 - 23	5 - 5.5	12.5 - 13
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	8.6 *	7.6 *	7.9 *	9.6 *	6.9 *
Beryllium	7440-41-7	2 [1]	1 B	1.9	1.8	1.1 B	1.4
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	7.6 *	9.1 *	9.9 *	9.5 *	9.3 *
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B16-8 (12.5-13.0)**	**B16-8 (17.5-18.0)**	**B16-8 (5.0-5.5)**	**B16-9 (12.5-13.0)**	**16-45 (2.0-2.5)**
		Lab ID	**231287-011**	**231287-012**	**231287-010**	**231287-014**	**231413-004**
		Sample Date	**12/4/2003**	**12/4/2003**	**12/4/2003**	**12/4/2003**	**12/8/2003**
		Depth Interval	**12.5 - 13**	**17.5 - 18**	**5 - 5.5**	**12.5 - 13**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	NR	NR	NR
Arsenic	7440-38-2	20	9.3 *	6.9 *	9 *	7.3 *	14.1 N
Beryllium	7440-41-7	2 [1]	0.72 B	1.4	0.65 B	0.9 B	0.81 B
Cadmium	7440-43-9	39	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	30.9 *	9.1 *	15.6 *	8.3 *	18.3
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	NR	NR	NR
Lead	7439-92-1	400	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	NR	NR	NR	NR	NR
Nickel	7440-02-0	250	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	NR	NR	NR	NR	NR
Silver	7440-22-4	110	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	NR	NR	NR	NR	0.8 U N
Zinc	7440-66-6	1500	NR	NR	NR	NR	NR
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**16-46 (2.0-2.5)**	**16-47 (2.0-2.5)**	**OWS-1 (7.0-7.5)**	**OWS-1 (14.0-14.5)**	**OWS-1P (7.0-7.5)**
		Lab ID	**231413-003**	**231413-006**	**231411-001**	**231412-001**	**231411-002**
		Sample Date	**12/8/2003**	**12/8/2003**	**12/9/2003**	**12/9/2003**	**12/9/2003**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**7 - 7.5**	**14 - 14.5**	**7 - 7.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**					
Antimony	7440-36-0	14	NR	NR	1.2 U N	NR	1.2 U N
Arsenic	7440-38-2	20	12.9 N	17.4 N	13.7 N	9.9	**20.9** N
Beryllium	7440-41-7	2 [1]	1.2 B	1.1 B	0.83 B	NR	1.8
Cadmium	7440-43-9	39	NR	NR	(0.074) U	NR	(0.074) U
Chromium	7440-47-3	120000	16.5	16.9	22.7	NR	42.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	NR	22.7	NR	29
Lead	7439-92-1	400	NR	NR	13.5	NR	14.6
Mercury	7439-97-6	14	NR	NR	(0.06) U	NR	(0.06) U
Nickel	7440-02-0	250	NR	NR	16.4	NR	18.5
Selenium	7782-49-2	63	NR	NR	1.1 BN	NR	1.2 BN
Silver	7440-22-4	110	NR	NR	0.64 U N	NR	0.64 U N
Thallium	7440-28-0	2	0.89 U N	0.81 U N	0.86 U N	NR	0.86 U N
Zinc	7440-66-6	1500	NR	NR	50.2	NR	44.2
Inorganic Constituents							
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B16-10 (26.5-27)**	**3CD-1 (0-0.5)**	**3CD-1 (5.5-6)**	**3CD-1 (11.5-12)**	**3CD-S1 (0-0.5)**	**3CD-S1 (2-2.5)**
		Lab ID	**496744**	**497660**	**497661**	**497662**	**497651**	**497652**
		Sample Date	**1/26/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**
		Depth Interval	**26.5 - 27**	**0 - 0.5**	**5.5 - 6**	**11.5 - 12**	**0 - 0.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**						
Antimony	7440-36-0	14	(1.5) U	4.9	(1.4) U	(1.4) U	(1.4) U	(4.8) U
Arsenic	7440-38-2	20	13.8	**484**	**20.3**	18.9	13.8	14.7 B
Beryllium	7440-41-7	2 [1]	3.7	0.43 B	1.1	1.6	1.3	1.1 B
Cadmium	7440-43-9	39	NR	5.1	(0.15) U	0.22 B	0.38 B	(0.49) U
Chromium	7440-47-3	120000	NR	41.8	15.5	17	11.9	16.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	
Copper	7440-50-8	600	NR	367	23.9	29	77.5	22.3 B
Lead	7439-92-1	400	NR	**525**	16.2	22.4	20.8	25.3
Mercury	7439-97-6	14	NR	0.64	0.04	0.1	0.17	0.07
Nickel	7440-02-0	250	NR	77.8	22.2	28.6	23.3	13.5 B
Selenium	7782-49-2	63	NR	(1.5) U	(1.4) U	1.6 B	(1.4) U	(4.8) U
Silver	7440-22-4	110	NR	0.27 B	(0.26) U	(0.26) U	(0.26) U	(0.86) U
Thallium	7440-28-0	2	NR	(1.7) U	(1.6) U	(1.6) U	(1.6) U	(1.6) U
Zinc	7440-66-6	1500	NR	445	104	126	117	84.8
Inorganic Constituents								
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram (mg/kg).

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CAS-RN = Chemical Abstract Service Registry Number.

[1] - Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.

* - Duplicate analysis not within control limits.

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W - Post-digestion spike outside control limits (85%-115%), while sample absorbance is less than 50% of spike absorbance.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3CD-S1 (21.5-22)**	**3CD-S2 (0-0.5)**	**3CD-S2 (5.5-6)**	**3CD-S2 (11.5-12)**	**3CD-S3 (0-0.5)**	**3CD-S3 (5.5-6)**
		Lab ID	**497653**	**497654**	**497655**	**497656**	**497657**	**497658**
		Sample Date	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**	**1/27/2004**
		Depth Interval	**21.5 - 22**	**0 - 0.5**	**5.5 - 6**	**11.5 - 12**	**0 - 0.5**	**5.5 - 6**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**						
Antimony	7440-36-0	14	(1.4) U	(1.5) U	(1.4) U	(1.4) U	(1.4) U	(1.6) U
Arsenic	7440-38-2	20	**25.6**	**25.5**	**27**	12.9	**21.5**	13.5
Beryllium	7440-41-7	2 [1]	2.2	0.97	1.3	1.3	0.83	0.54 B
Cadmium	7440-43-9	39	0.16 B	0.28 B	0.22 B	0.16 B	0.45 B	(0.16) U
Chromium	7440-47-3	120000	18.9	17.5	26.3	13.2	18.6	9.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	26.7	116	37.2	21.6	50.4	252
Lead	7439-92-1	400	11.2	157	27.1	10.5	47.6	47.6
Mercury	7439-97-6	14	0.02 B	0.14	0.06	0.03	0.17	0.42
Nickel	7440-02-0	250	34.9	25.4	26.8	23.1	19.2	17.6
Selenium	7782-49-2	63	(1.4) U	1.8 B	(1.4) U	(1.4) U	(1.4) U	(1.6) U
Silver	7440-22-4	110	(0.25) U	(0.26) U	(0.26) U	(0.24) U	(0.24) U	(0.28) U
Thallium	7440-28-0	2	(1.6) U	(1.7) U	(1.6) U	(1.5) U	(1.5) U	(1.8) U
Zinc	7440-66-6	1500	175	125	167	81.2	84.6	51.1
Inorganic Constituents								
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR

NOTES:

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Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**3CD-S3 (11.5-12)**	**3CD-N1 (1-1.5)**	**3CD-N1 (5.5-6)**	**3CD-N1 (19-19.5)**	**3CD-N2 (2-2.5)**	**3CD-N2 (5.5-6)**
		Lab ID	**497659**	**497664**	**497665**	**497666**	**497667**	**497668**
		Sample Date	**1/27/2004**	**1/30/2004**	**1/30/2004**	**1/30/2004**	**1/30/2004**	**1/30/2004**
		Depth Interval	**11.5 - 12**	**1 - 1.5**	**5.5 - 6**	**19 - 19.5**	**2 - 2.5**	**5.5 - 6**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**						
Antimony	7440-36-0	14	(1.5) U	(0.87) U	(0.94) U	(0.93) U	(0.95) U	(0.95) U
Arsenic	7440-38-2	20	14.9	**160**	**24.2**	12.2	**27.5**	**27.9**
Beryllium	7440-41-7	2 [1]	1.5	0.25 B	1.7	3	1.3	1.6
Cadmium	7440-43-9	39	0.38 B	(0.089) U	(0.097) U	0.68 B	1.6	(0.098) U
Chromium	7440-47-3	120000	13.5	7.6	13	12.4	19.7	17.8
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	46.5	78.9	26.8	13.2	24.5	24.8
Lead	7439-92-1	400	19.1	17.4	15.6	12	21.2	12.5
Mercury	7439-97-6	14	0.09	0.03 B	0.06	0.13	0.07	0.06
Nickel	7440-02-0	250	27.8	8.4 B	32	21.8	26.8	29.7
Selenium	7782-49-2	63	(1.5) U	(0.87) U	(0.94) U	(0.93) U	(0.95) U	(0.95) U
Silver	7440-22-4	110	(0.27) U	(0.16) U	(0.17) U	(0.17) U	(0.17) U	(0.17) U
Thallium	7440-28-0	2	(1.7) U	(0.98) U	(1.1) U	(1.1) U	(1.1) U	(1.1) U
Zinc	7440-66-6	1500	128	37	162	72.1	159	156
Inorganic Constituents								
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR

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Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	3CD-N2 (11.5-12)	A29-N1 (6.0-6.5)	A29-N1 (20.5-21.0)	A29-N2 (6.0-6.5)	A29-N2 (19.5-20.0)	A39-E1 (3.5-4)
		Lab ID	497669	498138	498139	498140	498141	498149
		Sample Date	1/30/2004	2/3/2004	2/3/2004	2/3/2004	2/3/2004	2/3/2004
		Depth Interval	11.5 - 12	6 - 6.5	20.5 - 21	6 - 6.5	19.5 - 20	3.5 - 4
Priority Pollutant Metals	**CAS-RN**	**MSSCC**						
Antimony	7440-36-0	14	(0.94) U	2.5	NR	(3.9) U	NR	**3230**
Arsenic	7440-38-2	20	13.4	**37.3**	17.5	**29.4**	14.3	**71.9**
Beryllium	7440-41-7	2 [1]	1.7	0.49	NR	0.26 B	NR	(0.23) U
Cadmium	7440-43-9	39	(0.097) U	5.3	NR	0.84 B	NR	3.4 B
Chromium	7440-47-3	120000	11.6	42.1	18.6	625	20.9	302
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	23.6	**712**	30.1	222	24	**1880**
Lead	7439-92-1	400	11.2	**442**	14.8	99.1	21.2	**30800**
Mercury	7439-97-6	14	0.05	0.38	NR	0.03	NR	0.19
Nickel	7440-02-0	250	31	**265**	26.4	**496**	19.9	**635**
Selenium	7782-49-2	63	(0.94) U	(0.92) U	NR	(3.9) U	NR	(8.9) U
Silver	7440-22-4	110	(0.17) U	0.36 B	NR	(0.21) U	NR	(1.6) U
Thallium	7440-28-0	2	(1.1) U	(1) U	NR	**(4.4)** U	NR	**(10.1)** U
Zinc	7440-66-6	1500	146	265	NR	77.8	NR	1010
Inorganic Constituents								
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR

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Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A39-E1 (6.5-7)**	**A39-E1 (11.5-12)**	**A39-N1 (3.5-4)**	**A39-N1 (6.5-7)**	**A39-S1 (3.5-4)**	**A39-S1 (6.5-7)**
		Lab ID	**498150**	**498151**	**498146**	**498147**	**498142**	**498144**
		Sample Date	**2/3/2004**	**2/3/2004**	**2/3/2004**	**2/3/2004**	**2/3/2004**	**2/3/2004**
		Depth Interval	**6.5 - 7**	**11.5 - 12**	**3.5 - 4**	**6.5 - 7**	**3.5 - 4**	**6.5 - 7**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**						
Antimony	7440-36-0	14	(1) U	(1) U	(0.88) U	(0.87) U	2 B	(0.93) U
Arsenic	7440-38-2	20	8.9	1.7 B	11.1	3.4 B	**28.4**	**22.8**
Beryllium	7440-41-7	2 [1]	1.9	NR	0.95	0.31 B	0.31 B	2
Cadmium	7440-43-9	39	0.35 B	NR	0.29 B	(0.089) U	(0.092) U	0.37 B
Chromium	7440-47-3	120000	9.3	NR	41.5	12.5	10.5	15.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	26.5	**817**	71.7	237	24.1	26.3
Lead	7439-92-1	400	16.9	17.3	57.7	14	15.6	13.5
Mercury	7439-97-6	14	0.03 B	NR	0.11	0.07	(0.019) U	(0.02) U
Nickel	7440-02-0	250	31.3	44	27.8	82.4	17.4	28.4
Selenium	7782-49-2	63	(1) U	NR	(0.88) U	(0.87) U	3.6	(0.93) U
Silver	7440-22-4	110	(0.18) U	NR	(0.16) U	(0.16) U	(0.16) U	(0.17) U
Thallium	7440-28-0	2	(1.1) U	NR	(0.99) U	(0.98) U	(1) U	(1) U
Zinc	7440-66-6	1500	82.1	NR	88.1	33.8	9.7	132
Inorganic Constituents								
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR

NOTES:

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A39-S1 (15.5-16)**	**A39-S1P (3.5-4)**	**A1-19-N1 (4.0-4.5)**	**A1-19-N1 (7.0-7.5)**	**A39-N2 (3.5-4)**	**A39-N2 (6.5-7)**
		Lab ID	**498145**	**498143**	**498986**	**498987**	**498983**	**498984**
		Sample Date	**2/3/2004**	**2/3/2004**	**2/4/2004**	**2/4/2004**	**2/4/2004**	**2/4/2004**
		Depth Interval	**15.5 - 16**	**3.5 - 4**	**4 - 4.5**	**7 - 7.5**	**3.5 - 4**	**6.5 - 7**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**						
Antimony	7440-36-0	14	NR	(0.9) U	(2.2) U	(2.1) U	(2.1) U	(2.1) U
Arsenic	7440-38-2	20	10	16.7	13.5	14.6	13.8	18
Beryllium	7440-41-7	2 [1]	1.3	0.24 B	0.69 B	0.79	1.3	1.4
Cadmium	7440-43-9	39	NR	(0.093) U	(0.15) U	(0.15) U	1.1 B	(0.15) U
Chromium	7440-47-3	120000	NR	8	24.2	29.5	16	17.3
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	20	22.1	24.8	33.8	32.7
Lead	7439-92-1	400	NR	21.5	17.7	21	23.4	14.2
Mercury	7439-97-6	14	NR	0.17	0.06	0.07	0.11	0.06
Nickel	7440-02-0	250	NR	11.8	14.2 B	15.7	31.6	28.1
Selenium	7782-49-2	63	NR	2.3	(1.6) U	(1.5) U	(1.5) U	(1.6) U
Silver	7440-22-4	110	NR	(0.16) U	(0.52) U	(0.51) U	(0.51) U	(0.52) U
Thallium	7440-28-0	2	NR	(1) U	(1.8) U	(1.7) U	(1.7) U	(1.7) U
Zinc	7440-66-6	1500	NR	9.5	66	60.4	107	129
Inorganic Constituents								
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
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		Sample ID	**A3E-E1 (4.5-5)**	**A3E-E1 (5-5.5)**	**A3E-E2 (4.5-5)**	**A3E-E2 (5-5.5)**	**A3E-N3 (4.5-5)**	**A3E-N3 (5-5.5)**
		Lab ID	**498971**	**498972**	**498974**	**498975**	**498977**	**498978**
		Sample Date	**2/4/2004**	**2/4/2004**	**2/4/2004**	**2/4/2004**	**2/4/2004**	**2/4/2004**
		Depth Interval	**4.5 - 5**	**5 - 5.5**	**4.5 - 5**	**5 - 5.5**	**4.5 - 5**	**5 - 5.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**						
Antimony	7440-36-0	14	(2) U	(2.1) U	(2.1) U	(2.1) U	(2.2) U	(2.2) U
Arsenic	7440-38-2	20	10.7	11.3	16.9	12.8	10.9	11.3
Beryllium	7440-41-7	2 [1]	0.45 B	0.69 B	1.2	0.82	0.68 B	0.82
Cadmium	7440-43-9	39	(0.14) U	(0.15) U	(0.14) U	(0.15) U	(0.15) U	(0.15) U
Chromium	7440-47-3	120000	21.5	15.1	16.9	13.3	26	18
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	11.7	15.5	22.6	17.3	16.6	19
Lead	7439-92-1	400	10.6	10.8	10.2	13	15.8	14.7
Mercury	7439-97-6	14	0.06	0.07	0.05	(0.02) U	0.1	0.09
Nickel	7440-02-0	250	10 B	13.5 B	23	15.1	12.6 B	14.3 B
Selenium	7782-49-2	63	(1.5) U	(1.6) U	(1.5) U	(1.5) U	(1.6) U	(1.6) U
Silver	7440-22-4	110	(0.48) U	(0.52) U	(0.5) U	(0.51) U	(0.53) U	(0.52) U
Thallium	7440-28-0	2	(1.6) U	(1.7) U	(1.7) U	(1.7) U	(1.8) U	(1.8) U
Zinc	7440-66-6	1500	39.6	61.3	111	65.4	58	62.6
Inorganic Constituents								
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR

NOTES:

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**OWS-N1 (7-7.5)**	**SP-1 (0-0.5)**	**SP-1 (10.0-10.5)**	**SP-1 (15.5-16.0)**	**B0102.0**	**B0500.5**	**B0700.5**
		Lab ID	**498950**	**498951**	**498952**	**498953**	**602734**	**602740**	**602736**
		Sample Date	**2/5/2004**	**2/5/2004**	**2/5/2004**	**2/5/2004**	**1/25/2005**	**1/25/2005**	**1/25/2005**
		Depth Interval	**7 - 7.5**	**0 - 0.5**	**10 - 10.5**	**15.5 - 16**	**2 - 2.5**	**0.5 - 1**	**0.5 - 1**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	NR	6.3	NR	NR	(0.91) U	(0.86) U	(0.93) U
Arsenic	7440-38-2	20	5.5	4.2	NR	NR	15	13.5	11.6
Beryllium	7440-41-7	2 [1]	NR	0.2 B	NR	NR	1.1	0.94	1.1
Cadmium	7440-43-9	39	NR	2	NR	NR	(0.09) U	(0.09) U	(0.1) U
Chromium	7440-47-3	120000	NR	160	NR	NR	25.6	15.9	23.6
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	NR	**1140**	22	14.1	119	28.2	22.1
Lead	7439-92-1	400	NR	305	NR	NR	48.8	35.3	42.9
Mercury	7439-97-6	14	NR	0.7	NR	NR	0.06	0.11	0.08
Nickel	7440-02-0	250	NR	101	NR	NR	31.4	17.1	15.3
Selenium	7782-49-2	63	NR	(0.86) U	NR	NR	(1.1) U	(1) U	(1.1) U
Silver	7440-22-4	110	NR	4	NR	NR	(0.19) U	(0.18) U	(0.19) U
Thallium	7440-28-0	2	NR	(0.97) U	NR	NR	(1.5) U	(0.98) U	(1.6) U
Zinc	7440-66-6	1500	NR	351	NR	NR	111	82.2	61
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B0902.0**	**B1502.0**	**B1502.D**	**B0602.0**	**B0800.5**	**B1000.5**	**B1200.5**
		Lab ID	**602735**	**602737**	**602738**	**602933**	**602932**	**602931**	**602930**
		Sample Date	**1/25/2005**	**1/25/2005**	**1/25/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**2 - 2.5**	**0.5 - 1**	**0.5 - 1**	**0.5 - 1**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(0.92) U	(0.84) U	(0.93) U	(1.4) U	(1.4) U	(1.1) U	(1.4) U
Arsenic	7440-38-2	20	11.2	16.7	17.1	10	11.3	7.3	9.7
Beryllium	7440-41-7	2 [1]	1.1	1.4	1.3	1.6	1.2	1.1	0.99
Cadmium	7440-43-9	39	0.35 B	(0.09) U	(0.1) U	(0.1) U	(0.1) U	(0.08) U	(0.09) U
Chromium	7440-47-3	120000	17.1	17.3	14.8	29.4	19.4	10.3	19.8
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	18.3	23.3	24	10.7	29.2	12.7	40.8
Lead	7439-92-1	400	43.6	13.3	13	14.2	42.9	19	40.8
Mercury	7439-97-6	14	0.05	0.05	0.05	0.02 B	0.07	0.05	0.07
Nickel	7440-02-0	250	16.5	29.8	28.3	11.8	18	9.9	15.4
Selenium	7782-49-2	63	(1.1) U	(1) U	(1.1) U	(1) U	(1) U	(0.79) U	(0.99) U
Silver	7440-22-4	110	(0.19) U	(0.17) U	(0.19) U	(0.34) U	(0.33) U	(0.26) U	(0.33) U
Thallium	7440-28-0	2	(1) U	(1.4) U	(1.1) U	(1.1) U	(1.1) U	(0.89) U	(1.1) U
Zinc	7440-66-6	1500	854	141	119	44.6	86.9	56.3	101
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B1402.0**	**B1602.0**	**B2104.D**	**B2104.0**	**B0201.0**	**B1308.5**	**B1702.0**
		Lab ID	**602928**	**602929**	**602935**	**602934**	**603133**	**603131**	**603132**
		Sample Date	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/26/2005**	**1/27/2005**	**1/27/2005**	**1/27/2005**
		Depth Interval	**2 - 2.5**	**2 - 2.5**	**4 - 4.5**	**4 - 4.5**	**1 - 1.5**	**8.5 - 9**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.4) U	(1.4) U	(1.3) U	(1.4) U	(0.92) U	(0.98) U	(0.91) U
Arsenic	7440-38-2	20	10.4	16.8	12.3	12.4	11.3	19.4	14.7
Beryllium	7440-41-7	2 [1]	0.74	1.1	1	0.95	1.1	1.2	1.3
Cadmium	7440-43-9	39	(0.1) U	(0.1) U	(0.09) U	(0.1) U	0.24 B	(0.1) U	(0.09) U
Chromium	7440-47-3	120000	19	33.6	23.7	23.3	20.7	23.9	22.8
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	16.3	19.9	16.9	17.1	52.2	24.2	21
Lead	7439-92-1	400	14.4	17	19.9	14.4	38.1	16.1	14.2
Mercury	7439-97-6	14	(0.02) U	0.08	0.07	0.06	0.18	0.11	0.09
Nickel	7440-02-0	250	14.6	20.8	14.6	13.8	25	23	24.9
Selenium	7782-49-2	63	(1) U	(1) U	(0.92) U	(1) U	(1.1) U	(1.2) U	(1.1) U
Silver	7440-22-4	110	(0.34) U	(0.34) U	(0.31) U	(0.34) U	(0.19) U	(0.2) U	(0.19) U
Thallium	7440-28-0	2	(1.1) U	(1.1) U	(1) U	(1.1) U	(1) U	(1.1) U	(1) U
Zinc	7440-66-6	1500	56.5	101	56.6	54.8	81.5	112	366
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**B0301.0**	**B0401.0**	**B1101.0**	**B1800.5**	**B2001.0**	**D0103.5**	**D0114.0**
		Lab ID	**604244**	**604245**	**604246**	**604247**	**604248**	**604249**	**604243**
		Sample Date	**2/2/2005**	**2/2/2005**	**2/2/2005**	**2/2/2005**	**2/2/2005**	**2/2/2005**	**2/2/2005**
		Depth Interval	**1 - 1.5**	**1 - 1.5**	**1 - 1.5**	**0.5 - 1**	**1 - 1.5**	**3.5 - 4**	**14 - 14.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U	(0.86) U
Arsenic	7440-38-2	20	14.8	13.2	10	13.4	15.9	**30.5**	6.4
Beryllium	7440-41-7	2 [1]	0.95	1.1	1.2	1.1	0.91	1.6	0.54
Cadmium	7440-43-9	39	0.31 B	(0.09) U	(0.1) U	(0.1) U	0.24 B	(0.1) U	(0.09) U
Chromium	7440-47-3	120000	20.8	18.6	16.6	17.4	30	13.8	5.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	56.1	23.6	13	26.2	32	27.4	5.5
Lead	7439-92-1	400	64.7	24.3	12.7	28.1	29.1	30.3	4.3
Mercury	7439-97-6	14	0.88	0.08	0.02 B	0.07	0.1	0.07	0.02 B
Nickel	7440-02-0	250	18.7	16.2	15.2	19.5	19.6	46.4	5.6 B
Selenium	7782-49-2	63	(1) U	(0.98) U	(1) U	(1) U	(1) U	(1) U	(1) U
Silver	7440-22-4	110	(0.33) U	(0.33) U	(0.33) U	(0.33) U	(0.34) U	(0.35) U	(0.18) U
Thallium	7440-28-0	2	(1.1) U	(1.1) U	(1.1) U	(1.1) U	(1.1) U	(1.2) U	(0.97) U
Zinc	7440-66-6	1500	127	61.1	60.1	110	65.5	283	11.1
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	(0.5) U	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	(5) U	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0102.5**	**U0119.5**	**X0102.0**	**X0109.5**	**X0202.0**	**X0208.0**	**X0302.0**
		Lab ID	**627423**	**627424**	**627409**	**627410**	**627411**	**627412**	**627413**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**
		Depth Interval	**2.5 - 3**	**19.5 - 20**	**2 - 2.5**	**9.5 - 10**	**2 - 2.5**	**8 - 8.5**	**2 - 2.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(0.89) U	(2.2) U	(0.93) U	(2.5) U	(0.92) U	(4.9) U	1.3 BN
Arsenic	7440-38-2	20	9.4	4.7	11.3	**24.3**	10.8	**32.4**	13.6
Beryllium	7440-41-7	2 [1]	1	3.4	1.2	3.3	1.2	6.3	0.96
Cadmium	7440-43-9	39	(0.09) U	0.35 B	(0.1) U	0.37 B	(0.09) U	1.6 B	(0.1) U
Chromium	7440-47-3	120000	11.6	4.2 B	14.4	13.7	17	15.7	18.9
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	9.9	11 B	8.8	34.5	10.4	51.8	40.3
Lead	7439-92-1	400	15.9	8.8	13.5	27.1	13.4	56.1	141
Mercury	7439-97-6	14	0.02 B	(0.02) U	0.02 B	0.14	0.02 B	0.16	0.08
Nickel	7440-02-0	250	14.6	11.3 B	13.8	29.2	15.3	37.3 B	16.9
Selenium	7782-49-2	63	(1.1) U	(2.7) U	(1.1) U	(3) U	(1.1) U	(6) U	(1.1) U
Silver	7440-22-4	110	(0.18) U	(0.46) U	(0.19) U	(0.50) U	(0.19) U	(1) U	(0.19) U
Thallium	7440-28-0	2	(1) U	(1.5) U	(1) U	(1.7) U	(1) U	**(5.6)** U	(1.1) U
Zinc	7440-66-6	1500	45.3	10.2 B	58.7	173	65.8	459	131
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**X0304.0**	**X0402.5**	**X0407.5**	**X0502.0**	**X0512.0**	**X0602.5**	**X0611.5**
		Lab ID	**627414**	**627415**	**627416**	**627417**	**627418**	**627419**	**627420**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**	**4/25/2005**
		Depth Interval	**4 - 4.5**	**2.5 - 3**	**7.5 - 8**	**2 - 2.5**	**12 - 12.5**	**2.5 - 3**	**11.5 - 12**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(0.95) U	(0.96) U	(0.98) U	(0.97) U	(4.4) U	(0.95) U	(1.4) U
Arsenic	7440-38-2	20	15.1	10.2	19.3	10	**20.6**	10.3	18.8
Beryllium	7440-41-7	2 [1]	0.95	1.1	2.1	1.1	12.7	1.1	3.8
Cadmium	7440-43-9	39	(0.1) U	(0.1) U	(0.1) U	(0.1) U	2.4 B	(0.1) U	(0.15) U
Chromium	7440-47-3	120000	19.4	17.5	11.1	13.8	11.3 B	16.4	12.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	15.5	13.4	37.9	9.8	40.9	8.6	27.6
Lead	7439-92-1	400	18.6	21.3	32	16.7	39.6	13.5	34.6
Mercury	7439-97-6	14	0.07	0.05	0.1	0.02 B	0.14	0.02 B	0.06
Nickel	7440-02-0	250	16.2	13.3	41.6	12.3	37.3 B	13	25.5
Selenium	7782-49-2	63	(1.1) U	(1.2) U	(1.2) U	(1.2) U	(5.3) U	(1.1) U	(1.7) U
Silver	7440-22-4	110	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.9) U	(0.19) U	(0.29) U
Thallium	7440-28-0	2	(1.1) U	(1.1) U	(1.1) U	(1.1) U	**(5)** U	(1.1) U	(1.1) U
Zinc	7440-66-6	1500	61.5	60	71.6	54.8	500	49.7	75
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**X0702.0**	**X0707.5**	**U0203.0**	**U0210.0**	**U0404.5**	**U0414.5**	**U0509.0**
		Lab ID	**627421**	**627422**	**627670**	**627671**	**627672**	**627673**	**627674**
		Sample Date	**4/25/2005**	**4/25/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**	**4/26/2005**
		Depth Interval	**2 - 2.5**	**7.5 - 8**	**3 - 3.5**	**10 - 10.5**	**4.5 - 5**	**14.5 - 15**	**9 - 9.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(0.94) U	(0.99) U	(0.93) U	(5) U	(0.98) U	(0.92) U	(0.96) U
Arsenic	7440-38-2	20	10.2	19.9	10.7	**27.5**	**23.3**	15.2	**20.5**
Beryllium	7440-41-7	2 [1]	1	2.8	0.93	3.5	1.8	1.7	1.6
Cadmium	7440-43-9	39	(0.1) U	(0.1) U	(0.1) U	-0.52 U	(0.1) U	(0.09) U	(0.1) U
Chromium	7440-47-3	120000	14.1	10.4	15	22.4	15.3	13.3	14.4
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	10	25.9	11.6	38.6	32.3	22.3	25.1
Lead	7439-92-1	400	17.5	34.2	14.1	28.9	14.7	10.9	10.2
Mercury	7439-97-6	14	0.02 B	(0.02) U	0.02 B	0.16	0.05	0.07	0.05
Nickel	7440-02-0	250	12.6	25.2	12.4	35.1 B	33	33.6	31.2
Selenium	7782-49-2	63	(1.1) U	(1.2) U	(1.1) U	(6.1) U	(1.2) U	(1.1) U	(1.2) U
Silver	7440-22-4	110	(0.19) U	(0.2) U	(0.19) U	(1) U	(0.2) U	(0.19) U	(0.2) U
Thallium	7440-28-0	2	(1.1) U	(1.1) U	(1) U	**(2.3)** U	(1.1) U	(1) U	(1.1) U
Zinc	7440-66-6	1500	57.7	22.4	51.1	193	195	162	147
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

NOTES:

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	U0509.D	U0515.5	U0607.5	U0305.0	U0317.5	U0323.5	U0646.5
		Lab ID	627675	627668	627676	628261	628264	628262	628260
		Sample Date	4/26/2005	4/26/2005	4/26/2005	4/27/2005	4/27/2005	4/27/2005	4/27/2005
		Depth Interval	9 - 9.5	15.5 - 16	7.5 - 8	5 - 5.5	17.5 - 18	23.5 - 24	46.5 - 47
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(0.95) U	(3.1) U	(0.87) U	(1.2) U	(1.4) U	NR	(1.1) U
Arsenic	7440-38-2	20	**20.1**	18.7	**21**	12.7	**27**	19.2	17.6
Beryllium	7440-41-7	2 [1]	2	2	1.6	1.1	2.1	NR	1.3
Cadmium	7440-43-9	39	(0.1) U	(0.32) U	(0.09) U	(0.12) U	(0.15) U	NR	(0.11) U
Chromium	7440-47-3	120000	23.6	14.5	14.8	13.7	13.8	NR	12.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	26.4	24.5	26.9	12.1	26.7	NR	14.4
Lead	7439-92-1	400	11.6	13.1	12.5	12.5	20	NR	8.4
Mercury	7439-97-6	14	0.05	0.06	0.07	0.02 B	0.04 B	NR	0.05
Nickel	7440-02-0	250	36	32.2	33.6	14.8	56.5	NR	13.3
Selenium	7782-49-2	63	(1.1) U	(3) U	(1.1) U	(1.2) U	(1.7) U	NR	(1.1) U
Silver	7440-22-4	110	(0.2) U	(0.76) U	(0.18) U	(0.29) U	(0.29) U	NR	(0.27) U
Thallium	7440-28-0	2	(1.1) U	(1.8) U	(0.98) U	(1.2) U	(1.1) U	NR	(1.1) U
Zinc	7440-66-6	1500	194	156	151	59.1	181	NR	78.4
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U0906.0**	**U0702.0**	**U0705.5**	**U0708.0**	**U0805.5**	**U0808.0**	**U0911.5**
		Lab ID	**628700**	**628702**	**628703**	**628715**	**628701**	**628714**	**628713**
		Sample Date	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**
		Depth Interval	**6 - 6.5**	**2 - 2.5**	**5.5 - 6**	**8 - 8.5**	**5.5 - 6**	**8 - 8.5**	**11.5 - 12**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.2) U	NR	(1.2) U	NR	(1.2) U	NR	NR
Arsenic	7440-38-2	20	**23.8**	12.4	**25.3**	19.3	**21.1**	13.7	**20.5**
Beryllium	7440-41-7	2 [1]	1.1	NR	1.8	NR	1.7	NR	NR
Cadmium	7440-43-9	39	(0.13) U	NR	(0.12) U	NR	(0.12) U	NR	NR
Chromium	7440-47-3	120000	21.7	NR	12.5	NR	15.6	NR	NR
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	21.2	NR	30.7	NR	26.2	NR	NR
Lead	7439-92-1	400	20.2	NR	14.3	NR	9.2	NR	NR
Mercury	7439-97-6	14	0.05	NR	0.04 B	NR	0.04 B	NR	NR
Nickel	7440-02-0	250	18	NR	34.9	NR	29.1	NR	NR
Selenium	7782-49-2	63	(1.2) U	NR	(1.2) U	NR	(1.1) U	NR	NR
Silver	7440-22-4	110	(0.3) U	NR	(0.29) U	NR	(0.28) U	NR	NR
Thallium	7440-28-0	2	(1.2) U	NR	(1.2) U	NR	(1.1) U	NR	NR
Zinc	7440-66-6	1500	78.3	NR	178	NR	145	NR	NR
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U1006.0**	**U1106.0**	**U1214.5**	**U1306.0**	**U1416.0**	**U1516.0**	**U1516.D**
		Lab ID	**628698**	**628699**	**628710**	**628704**	**629057**	**629056**	**629053**
		Sample Date	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/28/2005**	**4/29/2005**	**4/29/2005**	**4/29/2005**
		Depth Interval	**6 - 6.5**	**6 - 6.5**	**14.5 - 15**	**6 - 6.5**	**16 - 16.5**	**16 - 16.5**	**16 - 16.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.2) U	(1.2) U	(1.1) U	(1.2) U	(1.3) U	(1.2) U	(1.2) U
Arsenic	7440-38-2	20	10.3	16.8	14.2	18.3	19.3	17.7	17.8
Beryllium	7440-41-7	2 [1]	1.3	1.1	1.6	1.3	1.6	1.4	1.3
Cadmium	7440-43-9	39	(0.12) U	(0.12) U	(0.12) U	(0.12) U	(0.13) U	(0.12) U	(0.12) U
Chromium	7440-47-3	120000	22.9	16	17.3	19	17.9	15.3	17.9
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	15.4	25.4	20.3	25.7	28	31.8	29.4
Lead	7439-92-1	400	12.1	15.5	10	16.7	11	16.5	16.9
Mercury	7439-97-6	14	0.03 B	0.09	0.06	0.08	0.09	0.05	0.05
Nickel	7440-02-0	250	19.4	22.3	26.6	23.7	26.1	27.7	26.8
Selenium	7782-49-2	63	(1.2) U	(1.2) U	(1.1) U	(1.1) U	(1.2) U	(1.2) U	(1.2) U
Silver	7440-22-4	110	(0.3) U	(0.29) U	(0.28) U	(0.29) U	(0.31) U	(0.3) U	(0.29) U
Thallium	7440-28-0	2	(1.2) U	1.5 B	(1.1) U	(1.1) U	(1.2) U	(1.2) U	(1.2) U
Zinc	7440-66-6	1500	104	86.4	117	93.3	121	74.9	80.4
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**U1616.0**	**U1716.0**	**U1806.0**	**V0608.0**	**V0622.0**	**V0715.5**	**V0314.0**
		Lab ID	**629058**	**629055**	**629054**	**629376**	**629380**	**629377**	**629657**
		Sample Date	**4/29/2005**	**4/29/2005**	**4/29/2005**	**5/2/2005**	**5/2/2005**	**5/2/2005**	**5/3/2005**
		Depth Interval	**16 - 16.5**	**16 - 16.5**	**6 - 6.5**	**8 - 8.5**	**22 - 22.5**	**15.5 - 16**	**14 - 14.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.2) U	(1.2) U	1.3 BN	(1.2) U	NR	(1.2) U	(1.2) U
Arsenic	7440-38-2	20	10.5	**20.2**	17.2	**66.7**	13.3	18.7	**23.8**
Beryllium	7440-41-7	2 [1]	1	1.5	0.95	1.1	NR	1.7	2
Cadmium	7440-43-9	39	(0.12) U	(0.13) U	(0.12) U	(0.12) U	NR	(0.12) U	0.15 B
Chromium	7440-47-3	120000	24.4	20.1	21.8	19.4	NR	17.6	15.8
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	16.9	22.7	17.7	19.9	NR	28.1	32.5
Lead	7439-92-1	400	11.9	14.8	17.8	12.5	NR	14.5	14.7
Mercury	7439-97-6	14	0.04 B	0.1	0.06	0.04	NR	0.04 B	0.09
Nickel	7440-02-0	250	15.2	23.1	14.9	16.4	NR	29.1	32.7
Selenium	7782-49-2	63	(1.2) U	(1.2) U	(1.1) U	(1.2) U	NR	(1.2) U	(1.2) U
Silver	7440-22-4	110	(0.29) U	(0.3) U	(0.29) U	(0.3) U	NR	(0.29) U	(0.3) U
Thallium	7440-28-0	2	(1.2) U	(1.2) U	(1.1) U	(1.2) U	NR	(1.2) U	(1.2) U
Zinc	7440-66-6	1500	56.3	117	71.7	87.3	NR	141	152
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**V0415.0**	**V0415.D**	**D0516.5**	**V0522.0**	**D0522.5**	**D0418.0**	**D0606.0**
		Lab ID	**629654**	**629655**	**629658**	**629656**	**629659**	**630052**	**630048**
		Sample Date	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/3/2005**	**5/4/2005**	**5/4/2005**
		Depth Interval	**15 - 15.5**	**15 - 15.5**	**16.5 - 17**	**22 - 22.5**	**22.5 - 23**	**18 - 18.5**	**6 - 6.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.2) U	(1.2) U	4.3 B	(1.2) U	4.4 B	(1.3) U	4.3
Arsenic	7440-38-2	20	**20**	19.4	**47.1**	**22.7**	**74.7**	13.5	**22.8**
Beryllium	7440-41-7	2 [1]	1.2	1.3	0.32 B	2.3	1.5	2.2	0.47 B
Cadmium	7440-43-9	39	(0.12) U	(0.12) U	**123**	(0.12) U	**141**	(0.13) U	38.9
Chromium	7440-47-3	120000	26.1	26.6	3110	16.7	2990	13.7	220
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	21.3	24.2	**3740**	28.7	**2620**	26.8	**783**
Lead	7439-92-1	400	15.7	16.4	**3160**	12.1	**1400**	12.7	319
Mercury	7439-97-6	14	0.04	0.04 B	0.2	(0.02) U	0.32	0.1	0.22
Nickel	7440-02-0	250	21.8	24.2	**1820**	36.7	**1880**	29.7	233
Selenium	7782-49-2	63	(1.1) U	(2.3) U	(7.4) U	(1.2) U	(6.4) U	(1.2) U	(1.9) U
Silver	7440-22-4	110	(0.29) U	(0.29) U	**383**	(0.29) U	**447**	(0.31) U	94.5
Thallium	7440-28-0	2	(1.1) U	(1.2) U	**(2.2)** U	(1.2) U	**(6.4)** U	(1.2) U	(1.9) U
Zinc	7440-66-6	1500	93.3	107	653	185	1280	145	1240
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

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		Lab ID	**630049**	**630050**	**630051**	**630053**	**630046**	**630047**	**630045**
		Sample Date	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**	**5/4/2005**
		Depth Interval	**8 - 8.5**	**5.5 - 6**	**7.5 - 8**	**30.5 - 31.0**	**8.5 - 9**	**8.5 - 9**	**14 - 14.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	1.2 B	2.6	(1.2) U	NR	(1.6) U	(1.1) U	(1.2) U
Arsenic	7440-38-2	20	**21.6**	**21.9**	**25**	14.4	11.3	15	**23.1**
Beryllium	7440-41-7	2 [1]	2.3	0.78	1.9	NR	1.1	2.3	1.9
Cadmium	7440-43-9	39	(0.12) U	5.5	(0.12) U	NR	(0.16) U	(0.12) U	(0.12) U
Chromium	7440-47-3	120000	13.5	187	15.5	NR	21.2	11.3	14.3
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	23.6	463	28	NR	28	20.1	25.7
Lead	7439-92-1	400	10.7	242	21.5	NR	14.1	11.3	10.3
Mercury	7439-97-6	14	0.04 B	0.49	0.1	NR	0.03 B	0.05	0.05
Nickel	7440-02-0	250	34.3	125	31.5	NR	19.4	34.1	31.7
Selenium	7782-49-2	63	(1.1) U	(1.2) U	(1.2) U	NR	(3.9) U	(1.1) U	(1.2) U
Silver	7440-22-4	110	(0.29) U	6.1	(0.29) U	NR	(0.39) U	(0.28) U	(0.29) U
Thallium	7440-28-0	2	(1.1) U	(1.2) U	(1.2) U	NR	(1.6) U	(1.1) U	(1.2) U
Zinc	7440-66-6	1500	172	876	166	NR	104	151	147
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A0514.5**	**A0911.5**	**A1312.0**	**A1712.0**	**A1734.8**	**D0421.0**	**D0430.5**
		Lab ID	**634064**	**634065**	**634066**	**634062**	**634063**	**634068**	**634069**
		Sample Date	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**	**5/18/2005**
		Depth Interval	**14.5 - 15**	**11.5 - 12**	**12 - 12.5**	**12 - 12.5**	**34.8 - 35.3**	**21 - 21.5**	**30.5 - 31**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(5.9) U	(5.7) U	(6.1) U	(6.1) U	(1.5) U	(1.4) U	(1.6) U
Arsenic	7440-38-2	20	14	**25.7**	**28.1**	19.9	8.3	12	12.4
Beryllium	7440-41-7	2 [1]	1.8 B	2.6	2.5	2.9	2.1	1.5	0.96
Cadmium	7440-43-9	39	(0.60) U	(0.58) U	(0.63) U	(0.62) U	0.28 B	7	8.4
Chromium	7440-47-3	120000	14	14.4	13.5	13	7.6	30.6	132
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	21.7 B	29.3	34.1	30.4	30.7	80	478
Lead	7439-92-1	400	15	16.2	20.3	13.4	17.1	222	**712**
Mercury	7439-97-6	14	0.1	0.07	0.05	0.04 B	(0.02) U	0.16	1.5
Nickel	7440-02-0	250	18.7 B	41.8 B	36.7 B	36.2 B	33.7	40.6	129
Selenium	7782-49-2	63	(5.8) U	(5.6) U	(6.0) U	(6.0) U	(1.1) U	(1) U	(1.1) U
Silver	7440-22-4	110	(1.4) U	(1.4) U	(1.5) U	(1.5) U	(0.37) U	(0.34) U	(0.37) U
Thallium	7440-28-0	2	(1.2) U	(1.1) U	(1.2) U	(1.2) U	(1.3) U	(1.2) U	(1.3) U
Zinc	7440-66-6	1500	112	196	151	143	69.2	101	169
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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TABLE 8
Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1116.5**	**D1121.0**	**D1122.5**	**D1129.0**	**D1216.5**	**D1221.0**	**D1222.0**
		Lab ID	**637612**	**637613**	**637614**	**637615**	**637616**	**637617**	**637618**
		Sample Date	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**	**5/31/2005**
		Depth Interval	**16.5 - 17**	**21 - 21.5**	**22.5 - 23**	**29 - 29.5**	**16.5 - 17**	**21 - 21.5**	**22 - 22.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.5) U	(0.9) U	(2.1) U	(1.4) U	(1.5) U	(1.5) U	(1.3) U
Arsenic	7440-38-2	20	6.2	3.1	6.6	7.5	13.1	5.7	5.4
Beryllium	7440-41-7	2 [1]	2.7	1.3	0.62 B	1.5	2.3	3.2	2.8
Cadmium	7440-43-9	39	0.54 B	0.09 B	(0.15) U	2.3	(0.1) U	0.6 B	0.41 B
Chromium	7440-47-3	120000	8.5	6.2	34.2	15.3	16.3	13.7	9.4
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	19.7	16.2	35.2	30	26.8	25.2	19.5
Lead	7439-92-1	400	9.9	5.2	105	20.2	12.1	9.6	10.8
Mercury	7439-97-6	14	0.06	0.16	0.29	0.04 B	0.06	0.1	0.15
Nickel	7440-02-0	250	30.6	21.3	23.1	33.7	23.9	39	28.8
Selenium	7782-49-2	63	(1.1) U	(0.68) U	(1.5) U	(1) U	(1.1) U	(1.1) U	(0.96) U
Silver	7440-22-4	110	(0.35) U	(0.23) U	1.5 B	(0.33) U	(0.35) U	(0.36) U	(0.32) U
Thallium	7440-28-0	2	(1.2) U	(0.76) U	(1.7) U	(1.1) U	(1.2) U	(1.2) U	(1.1) U
Zinc	7440-66-6	1500	89.3	49.3	41.7	86.2	75.9	154	86.4
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

NOTES:

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1230.5**	**W0109.0**	**W0111.0**	**A0108.0**	**A0108.D**	**A0119.5**	**A1034.0**
		Lab ID	**637619**	**637621**	**637622**	**638636**	**638637**	**638638**	**638639**
		Sample Date	**5/31/2005**	**5/31/2005**	**5/31/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**
		Depth Interval	**30.5 - 31**	**9 - 9.5**	**11 - 11.5**	**8 - 8.5**	**8 - 8.5**	**19.5 - 20**	**34 - 34.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.7) U	(1.2) U	(1) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U
Arsenic	7440-38-2	20	5.2	4.8	8.5	14.2	16.5	16.8	15
Beryllium	7440-41-7	2 [1]	0.97	1.9	1.9	2	2.1	1.9	1.5
Cadmium	7440-43-9	39	(0.12) U	(0.12) U	0.29 B	0.32 B	0.19 B	0.25 B	0.33 B
Chromium	7440-47-3	120000	25.8	8.8	5.4	11.8	13.7	11.5	17.5
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	27.2	39.3	15	22.7	23.4	25.8	18.5
Lead	7439-92-1	400	95.7	16.9	10	11.4	13.2	12.3	12.2
Mercury	7439-97-6	14	(0.03) U	0.04 B	0.05	0.07	0.07	0.06	0.07
Nickel	7440-02-0	250	29	28.4	15.7	30	32.9	34.2	28.1
Selenium	7782-49-2	63	(1.2) U	(1.2) U	(1) U	(1) U	(1) U	(0.96) U	(1) U
Silver	7440-22-4	110	(0.41) U	(0.30) U	(0.25) U	(0.33) U	(0.33) U	(0.32) U	(0.33) U
Thallium	7440-28-0	2	(1.4) U	(1.2) U	(1) U	(1.1) U	(1.1) U	(1.1) U	(1.1) U
Zinc	7440-66-6	1500	37.4	70.3	30.7	135	148	131	106
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

NOTES:

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**A1047.0**	**A2126.0**	**A2137.5**	**A2217.5**	**A2230.5**	**D1316.5**	**D1321.0**
		Lab ID	**638640**	**638641**	**638642**	**638643**	**638644**	**638645**	**638646**
		Sample Date	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**	**6/2/2005**
		Depth Interval	**47 - 47.5**	**26 - 26.5**	**37.5 - 38**	**17.5 - 18**	**30.5 - 31**	**16.5 - 17**	**21 - 21.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.4) U	(3.3) U	(1.4) U	(1.4) U	(1.3) U	(1.5) U	(1.4) U
Arsenic	7440-38-2	20	8.6	14.2	4	12.3	**29.1**	16.1	15.7
Beryllium	7440-41-7	2 [1]	4.7	3.1	2.1	2.2	1.3	1.6	2.1
Cadmium	7440-43-9	39	1.1 B	1.6 B	0.25 B	0.1 B	(0.1) U	(0.1) U	(0.1) U
Chromium	7440-47-3	120000	10.8	16.3	10.3	11.4	40.5	22.2	10.9
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	29.3	22.4	38.2	18.5	22.6	30.6	25.5
Lead	7439-92-1	400	11.8	16.7	5.5	8.1	16.2	43.4	15.2
Mercury	7439-97-6	14	0.06	0.12	0.02 B	0.08	0.02 B	0.05	0.04 B
Nickel	7440-02-0	250	33.7	34.8	21.8	33.5	18.8	39.6	33.9
Selenium	7782-49-2	63	(1) U	(2.4) U	(1) U	(1) U	(0.92) U	(1.1) U	(1) U
Silver	7440-22-4	110	(0.35) U	(0.79) U	(0.34) U	(0.34) U	(0.31) U	(0.35) U	(0.34) U
Thallium	7440-28-0	2	(1.2) U	(1.6) U	1.3 B	(1.1) U	(1) U	(1.2) U	(1.1) U
Zinc	7440-66-6	1500	128	168	76.1	134	89	206	138
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Summary of Soil Analytical Results: Priority Pollutant Metals, Cyanide, Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1322.5**	**D1329.0**	**A0511.5**	**A0523.5**	**A2016.5**	**A2030.5**	**D1016.5**
		Lab ID	**638647**	**638648**	**639322/646511**	**639323**	**639320**	**639321**	**639314**
		Sample Date	**6/2/2005**	**6/2/2005**	**6/3/2005&6/25/05**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**
		Depth Interval	**22.5 - 23**	**29 - 29.5**	**11.5 - 12**	**23.5 - 24**	**16.5 - 17**	**30.5 - 31**	**16.5 - 17**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**							
Antimony	7440-36-0	14	(1.5) U	(1.5) U	(1.5) U	(1.3) U	(1.4) U	(1.5) U	(1.8) U
Arsenic	7440-38-2	20	13.5	11.3	8.7	16.5	**20.6**	7.5	5
Beryllium	7440-41-7	2 [1]	1.8	4	1.3	1.5	1.8	5.3	1.5
Cadmium	7440-43-9	39	(0.1) U	0.58 B	0.63 B	(0.09) U	(0.1) U	1.1 B	0.12 B
Chromium	7440-47-3	120000	18.9	8	5.7	15.7	12.8	10.1	12
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	27.2	47.9	14.8	22.9	24.5	28	23.9
Lead	7439-92-1	400	25.2	17.1	13	6.9	13.5	13	4.7
Mercury	7439-97-6	14	0.05	0.1	0.13	0.03 B	0.04 B	0.09	0.05 B
Nickel	7440-02-0	250	27.3	38	25.7	13	34.9	46.4	32.9
Selenium	7782-49-2	63	(1.1) U	(1.1) U	(1.1) U	(0.93) U	(1) U	(1.1) U	(1.3) U
Silver	7440-22-4	110	(0.35) U	(0.36) U	(0.35) U	(0.31) U	(0.34) U	(0.36) U	(0.42) U
Thallium	7440-28-0	2	(1.2) U	(1.2) U	**3.8**/(1.2) U	(1) U	(1.1) U	1.9 B	(1.4) U
Zinc	7440-66-6	1500	127	121	77.6	85.2	179	111	29.5
Inorganic Constituents									
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR	NR

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Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

		Sample ID	**D1021.0**	**D1022.5**	**D1030.5**	**D1031.5**	**D1419.5**	**D1521.5**
		Lab ID	**639315**	**639316**	**639317**	**639318**	**639319**	**639324**
		Sample Date	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**	**6/3/2005**
		Depth Interval	**21 - 21.5**	**22.5 - 23**	**30.5 - 31**	**31.5 - 32**	**19.5 - 20**	**21.5 - 22**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**						
Antimony	7440-36-0	14	(1.4) U	(1.6) U	(1.6) U	(1.6) U	(1.5) U	(1.3) U
Arsenic	7440-38-2	20	7.1	9.3	7.2	5.4	3.5	1 B
Beryllium	7440-41-7	2 [1]	2.3	2.2	1.9	1	0.53	0.55
Cadmium	7440-43-9	39	0.18 B	0.83 B	0.7 B	0.47 B	0.69 B	0.15 B
Chromium	7440-47-3	120000	20.8	18.9	104	7.4	9.8	3.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	600	28.6	36.5	86.6	22.1	19.9	7
Lead	7439-92-1	400	20.4	32	52.4	10.3	25	5.4
Mercury	7439-97-6	14	0.14	0.11	0.15	(0.02) U	(0.02) U	(0.02) U
Nickel	7440-02-0	250	28.6	70.1	92.9	28	16.7	6.4 B
Selenium	7782-49-2	63	(1) U	(1.2) U	(1.1) U	(1.2) U	(1.1) U	(0.95) U
Silver	7440-22-4	110	(0.35) U	(0.39) U	(0.38) U	(0.38) U	(0.36) U	(0.32) U
Thallium	7440-28-0	2	(1.2) U	(1.3) U	(1.3) U	(1.3) U	(1.2) U	(1.1) U
Zinc	7440-66-6	1500	60.4	83.5	82	38.6	27.5	20.9
Inorganic Constituents								
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR	NR	NR

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		Sample ID	**D1600.0**	**D1604.0**	**D1700.0**	**D1704.0**
		Lab ID	**639991**	**639992**	**639993**	**639994**
		Sample Date	**6/7/2005**	**6/7/2005**	**6/7/2005**	**6/7/2005**
		Depth Interval	**0 - 0.5**	**4 - 4.5**	**0 - 0.5**	**4 - 4.5**
Priority Pollutant Metals	**CAS-RN**	**MSSCC**				
Antimony	7440-36-0	14	(1.4) U	(1.4) U	(1.4) U	(1.4) U
Arsenic	7440-38-2	20	15.9	13	18.9	**23.4**
Beryllium	7440-41-7	2 [1]	1.9	1.8	1.5	1.7
Cadmium	7440-43-9	39	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Chromium	7440-47-3	120000	14.8	10.1	49.1	15.7
Chromium VI	18540-29-9	20	NR	NR	NR	NR
Copper	7440-50-8	600	28.1	22.2	21.2	26.7
Lead	7439-92-1	400	15.9	12.6	18.6	16.6
Mercury	7439-97-6	14	0.04 B	0.02 B	0.05	0.05
Nickel	7440-02-0	250	26.9	26.7	19.4	19.9
Selenium	7782-49-2	63	(1) U	(1) U	(0.99) U	(1) U
Silver	7440-22-4	110	(0.34) U	(0.34) U	(0.33) U	(0.34) U
Thallium	7440-28-0	2	(1.1) U	(1.2) U	(1.1) U	(1.1) U
Zinc	7440-66-6	1500	109	115	96.6	150
Inorganic Constituents						
Cyanide	57-12-5	1100	NR	NR	NR	NR
Total Phenols	Total Phenols	-	NR	NR	NR	NR

NOTES:

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N - Spiked sample recovery not within control limits.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parentheses.

W - Post-digestion spike outside control limits (85%-115%), while sample absorbance is less than 50% of spike absorbance.

Results in **bold** indicate that the results or the MDL exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 9-A
Summary of QA/QC Analytical Results:
Total Petroleum Hydrocarbons
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

Sample ID	Lab ID	Sample Date	Results
F012505	602739	1/25/2005	(1) U
F012605	602936	1/26/2005	(1) U
F012705	603134	1/27/2005	(1) U
F020205	604250	2/2/2005	(1) U
F042505	627408	4/25/2005	(1) U
F042605	627677	4/26/2005	(1) U
F042705	628263	4/27/2005	(1) U
F042805	628705	4/28/2005	(1) U
F042905	629059	4/29/2005	(1) U
F050205	629378	5/2/2005	(1) U
F050305	629660	5/3/2005	(1) U
F050405	630044	5/4/2005	(1) U
F050505	630416	5/5/2005	(1) U
F051805	634067	5/18/2005	(1) U
F053105	637620	5/31/2005	(1) U
F060205	638649	6/2/2005	(1) U
F060305	639397	6/3/2005	(1) U
F060705	639997	6/7/2005	(1) U

NOTES:
All results are reported in micrograms per liter (ug/L).
U - Indicates that the analyte was not detected at the Method Detection

TABLE 9-B
Summary of QA/QC Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	F012505	F012605	F012705	F020205	F042505	F042605	F042805	F042905
	Lab ID	602739	602396	603134	604250	627408	627677	628705	629059
	Sample Date	1/25/2005	1/26/2005	1/27/2005	2/2/2005	4/25/2005	4/26/2005	4/28/2005	4/29/2005
Analyte	**CAS-RN**								
1,1,1-Trichloroethane	71-55-6	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U
1,1,2,2-Tetrachloroethane	79-34-5	(0.50) U	(0.5) U	(0.50) U	(0.50) U	(0.5) U	(0.50) U	(0.30) U	(0.30) U
1,1,2-Trichloroethane	79-00-5	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U
1,1-Dichloroethane	75-34-3	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.30) U	(0.30) U
1,1-Dichloroethene	75-35-4	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.40) U	(0.40) U
1,2-Dichloroethane	107-06-2	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.30) U	(0.30) U
1,2-Dichloropropane	78-87-5	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.30) U	(0.30) U
2-Chloroethyl Vinyl Ether	110-75-8	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U
Benzene	71-43-2	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U
Bromodichloromethane	75-27-4	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U
Bromoform	75-25-2	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.20) U	(0.20) U
Bromomethane	74-83-9	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U
Carbon tetrachloride	56-23-5	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U
Chlorobenzene	108-90-7	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.40) U	(0.40) U
Chloroethane	75-00-3	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.20) U	(0.20) U
Chloroform	67-66-3	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.50) U	(0.50) U
Chloromethane	74-87-3	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.30) U	(0.30) U
cis-1,2-Dichloroethene	156-59-2	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U
cis-1,3-Dichloropropene	10061-01-5	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.20) U	(0.20) U
Dibromochloromethane	124-48-1	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.30) U	(0.30) U
Ethylbenzene	100-41-4	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.50) U	(0.50) U
Methylene Chloride	75-09-2	(0.90) U	(0.9) U	(0.90) U	1.60	(0.9) U	(0.90) U	(0.50) U	(0.50) U
Tetrachloroethene	127-18-4	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U
Toluene	108-88-3	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.40) U	(0.40) U
Total Xylenes	1330-20-7	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.40) U	(0.40) U
Trans-1,2-Dichloroethene	156-60-5	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.40) U	(0.40) U
trans-1,3-Dichloropropene	10061-02-6	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.20) U	(0.20) U
Trichloroethylene	79-01-6	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U
Trichlorofluoromethane	75-69-4	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.20) U	(0.20) U
Vinyl Chloride	75-01-4	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.30) U	(0.30) U

NOTES:

All results are reported in micrograms per liter (ug/L).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit shown in parentheses.

TABLE 9-B
Summary of QA/QC Analytical Results:
Volatile Organic Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	F050205	F050305	F050405	F051805	F053105	F060205	F060305	F060705
	Lab ID	629378	629660	630044	634067	637620	638649	639397	639997
	Sample Date	5/2/2005	5/3/2005	5/4/2005	5/18/2005	5/31/2005	6/2/2005	6/3/2005	6/7/2005
Analyte	**CAS-RN**								
1,1,1-Trichloroethane	71-55-6	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
1,1,2,2-Tetrachloroethane	79-34-5	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
1,1,2-Trichloroethane	79-00-5	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
1,1-Dichloroethane	75-34-3	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
1,1-Dichloroethene	75-35-4	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
1,2-Dichloroethane	107-06-2	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
1,2-Dichloropropane	78-87-5	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
2-Chloroethyl Vinyl Ether	110-75-8	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
Benzene	71-43-2	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
Bromodichloromethane	75-27-4	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
Bromoform	75-25-2	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Bromomethane	74-83-9	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
Carbon tetrachloride	56-23-5	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
Chlorobenzene	108-90-7	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
Chloroethane	75-00-3	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Chloroform	67-66-3	(0.50) U	(0.50) U	(0.5) U	(0.50) U	(0.50) U	(0.50) U	(0.5) U	(0.50) U
Chloromethane	74-87-3	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
cis-1,2-Dichloroethene	156-59-2	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
cis-1,3-Dichloropropene	10061-01-5	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Dibromochloromethane	124-48-1	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
Ethylbenzene	100-41-4	(0.50) U	(0.50) U	(0.5) U	(0.50) U	(0.50) U	(0.50) U	(0.5) U	(0.50) U
Methylene Chloride	75-09-2	(0.50) U	(0.50) U	(0.5) U	(0.50) U	(0.50) U	(0.50) U	(0.5) U	(0.50) U
Tetrachloroethene	127-18-4	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
Toluene	108-88-3	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
Total Xylenes	1330-20-7	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
Trans-1,2-Dichloroethene	156-60-5	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
trans-1,3-Dichloropropene	10061-02-6	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Trichloroethylene	79-01-6	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
Trichlorofluoromethane	75-69-4	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Vinyl Chloride	75-01-4	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U

NOTES:

All results are reported in micrograms per liter (ug/L).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit shown in parentheses.

TABLE 9-C
Summary of QA/QC Analytical Results:
Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	F012505	F012605	F012705	F020205	F042505	F042605
	Lab ID	602739	602396	603134	604250	627408	627677
	Sample Date	1/25/2005	1/26/2005	1/27/2005	2/2/2005	4/25/2005	4/26/2005
Analyte	**CAS-RN**						
1,2,4-Trichlorobenzene	120-82-1	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
1,2-Dichlorobenzene	95-50-1	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
1,3-Dichlorobenzene	541-73-1	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
1,4-Dichlorobenzene	106-46-7	(0.50) U	(0.5) U	(0.50) U	(0.50) U	(0.5) U	(0.50) U
2,4,6-Trichlorophenol	88-06-2	(0.70) U	(0.7) U	(0.70) U	(0.70) U	(0.7) U	(0.70) U
2,4-Dichlorophenol	120-83-2	(1.20) U	(1.2) U	(1.20) U	(1.20) U	(1.2) U	(1.20) U
2,4-Dimethylphenol	105-67-9	(1.00) U	(1) U	(1.00) U	(1.00) U	(1) U	(1.00) U
2,4-Dinitrophenol	51-28-5	(1.70) U	(1.7) U	(1.70) U	(1.60) U	(1.7) U	(1.70) U
2,4-Dinitrotoluene	121-14-2	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
2,6-Dinitrotoluene	606-20-2	(0.60) U	(0.6) U	(0.60) U	(0.60) U	(0.6) U	(0.60) U
2-Chloronaphthalene	91-58-7	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
2-Chlorophenol	95-57-8	(1.20) U	(1.2) U	(1.20) U	(1.20) U	(1.2) U	(1.20) U
2-Methyl-4,6-dinitrophenol	534-52-1	(0.30) U	(0.3) U	(0.20) U	(0.20) U	(0.3) U	(0.30) U
2-Nitrophenol	88-75-5	(1.60) U	(1.6) U	(1.60) U	(1.60) U	(1.6) U	(1.60) U
3,3'-Dichlorobenzidine	91-94-1	(2.50) U	(2.5) U	(2.40) U	(2.40) U	(2.5) U	(2.50) U
4-Bromophenyl phenyl ether	101-55-3	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U
4-Chloro-3-methylphenol	59-50-7	(1.20) U	(1.2) U	(1.10) U	(1.10) U	(1.1) U	(1.10) U
4-Chlorophenyl phenyl ether	7005-72-3	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
4-Nitrophenol	100-02-7	(0.70) U	(0.7) U	(0.70) U	(0.60) U	(0.7) U	(0.70) U
Acenaphthene	83-32-9	(0.10) U	(0.1) U	(0.09) U	(0.09) U	(0.1) U	(0.10) U
Acenaphthylene	208-96-8	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U
Anthracene	120-12-7	(0.10) U	(0.1) U	(0.09) U	(0.09) U	(0.1) U	(0.10) U
Benz(a)anthracene	56-55-3	(0.10) U	(0.1) U	(0.09) U	(0.09) U	(0.1) U	(0.10) U
Benzidine	92-87-5	(14.00) U	(14) U	(14.00) U	(13.00) U	(14) U	(14.00) U
Benzo(a)pyrene	50-32-8	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U
Benzo(b)fluoranthene	205-99-2	(0.10) U	(0.1) U	(0.09) U	(0.09) U	(0.1) U	(0.10) U
Benzo(g,h,i)perylene	191-24-2	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U
Benzo(k)fluoranthene	207-08-9	(0.06) U	(0.06) U	(0.06) U	(0.06) U	(0.06) U	(0.06) U
bis(2-Chloroethoxy)methane	111-91-1	(0.60) U	(0.6) U	(0.60) U	(0.60) U	(0.6) U	(0.60) U
bis(2-Chloroethyl)ether	111-44-4	(1.00) U	(1) U	(1.00) U	(0.90) U	(1) U	(1.00) U
bis(2-Chloroisopropyl)ether	108-60-1	(0.60) U	(0.6) U	(0.60) U	(0.50) U	(0.6) U	(0.60) U
bis(2-Ethylhexyl)phthalate	117-81-7	0.8	(0.8) U	12	(0.80) U	0.9	(0.80) U
Butylbenzylphthalate	85-68-7	(0.70) U	(0.7) U	1.7	(0.60) U	(0.7) U	(0.70) U
Chrysene	218-01-9	(0.10) U	(0.1) U	(0.09) U	(0.09) U	(0.1) U	(0.10) U
Dibenz(a,h)anthracene	53-70-3	(0.10) U	(0.1) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U
Diethylphthalate	84-66-2	(0.30) U	(0.3) U	(0.20) U	(0.20) U	(0.3) U	(0.30) U
Dimethylphthalate	131-11-3	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
Di-n-butylphthalate	84-74-2	(0.50) U	(0.5) U	(0.50) U	(0.40) U	(0.5) U	(0.50) U
Di-n-octylphthalate	117-84-0	(0.60) U	(0.6) U	(0.50) U	(0.50) U	(0.5) U	(0.50) U
Fluoranthene	206-44-0	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U
Fluorene	86-73-7	(0.10) U	(0.1) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U
Hexachlorobenzene	118-74-1	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U
Hexachlorobutadiene	87-68-3	(1.40) U	(1.4) U	(1.40) U	(1.30) U	(1.4) U	(1.40) U
Hexachlorocyclopentadiene	77-47-4	(0.50) U	(0.5) U	(0.40) U	(0.40) U	(0.5) U	(0.50) U
Hexachloroethane	67-72-1	(0.80) U	(0.8) U	(0.80) U	(0.70) U	(0.8) U	(0.80) U
Indeno(1,2,3-cd)pyrene	193-39-5	(0.10) U	(0.1) U	(0.09) U	(0.09) U	(0.1) U	(0.10) U
Naphthalene	91-20-3	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U	(0.04) U
Nitrobenzene	98-95-3	(0.60) U	(0.6) U	(0.60) U	(0.60) U	(0.6) U	(0.60) U
N-Nitrosodimethylamine	62-75-9	(0.60) U	(0.6) U	(0.60) U	(0.60) U	(0.6) U	(0.60) U
N-Nitroso-di-n-propylamine	621-64-7	(0.60) U	(0.6) U	(0.60) U	(0.60) U	(0.6) U	(0.60) U
N-Nitrosodiphenylamine	86-30-6	(0.30) U	(0.3) U	(0.20) U	(0.20) U	(0.3) U	(0.30) U
Pentachlorophenol	87-86-5	(2.60) U	(2.6) U	(2.60) U	(2.50) U	(2.6) U	(2.60) U
Phenanthrene	85-01-8	(0.10) U	(0.1) U	(0.09) U	(0.09) U	(0.1) U	(0.10) U
Phenol	108-95-2	(0.50) U	(0.5) U	(0.50) U	(0.50) U	(0.5) U	(0.50) U
Pyrene	129-00-0	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U	(0.07) U

NOTES:

All results are reported in micrograms per liter (ug/L).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit shown in parentheses.

NR - Indicates that the analyte was not requested for analysis.

TABLE 9-C
Summary of QA/QC Analytical Results:
Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	F042705	F042805	F042905	F050205	F050305	F050405
	Lab ID	628263	628705	629059	629378	629660	630044
	Sample Date	4/27/2005	4/28/2005	4/29/2005	5/2/2005	5/3/2005	5/4/2005
Analyte	**CAS-RN**						
1,2,4-Trichlorobenzene	120-82-1	(0.30) U	(0.90) U	(1.00) U	(0.90) U	(0.90) U	(0.9) U
1,2-Dichlorobenzene	95-50-1	(0.40) U	(1.10) U	(1.20) U	(1.10) U	(1.10) U	(1.1) U
1,3-Dichlorobenzene	541-73-1	(0.30) U	(1.00) U	(1.00) U	(1.00) U	(1.00) U	(1) U
1,4-Dichlorobenzene	106-46-7	(0.50) U	(0.90) U	(1.00) U	(0.90) U	(0.90) U	(0.9) U
2,4,6-Trichlorophenol	88-06-2	(0.70) U	(2.20) U	(2.30) U	(2.20) U	(2.20) U	(2.3) U
2,4-Dichlorophenol	120-83-2	(1.20) U	(1.50) U	(1.50) U	(1.40) U	(1.40) U	(1.5) U
2,4-Dimethylphenol	105-67-9	(1.00) U	(2.10) U	(2.10) U	(2.00) U	(2.00) U	(2.1) U
2,4-Dinitrophenol	51-28-5	(1.70) U	(0.90) U	(0.90) U	(0.90) U	(0.90) U	(0.9) U
2,4-Dinitrotoluene	121-14-2	(0.40) U	(1.20) U	(1.20) U	(1.10) U	(1.20) U	(1.2) U
2,6-Dinitrotoluene	606-20-2	(0.60) U	(1.30) U	(1.40) U	(1.30) U	(1.30) U	(1.3) U
2-Chloronaphthalene	91-58-7	(0.40) U	(1.10) U	(1.10) U	(1.10) U	(1.10) U	(1.1) U
2-Chlorophenol	95-57-8	(1.20) U	(1.10) U	(1.10) U	(1.10) U	(1.10) U	(1.1) U
2-Methyl-4,6-dinitrophenol	534-52-1	(0.30) U	(1.30) U	(1.30) U	(1.20) U	(1.20) U	(1.3) U
2-Nitrophenol	88-75-5	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U	(1.6) U
3,3'-Dichlorobenzidine	91-94-1	(2.50) U	(5.10) U	(5.20) U	(4.90) U	(5.00) U	(5.1) U
4-Bromophenyl phenyl ether	101-55-3	(0.40) U	(1.20) U	(1.30) U	(1.20) U	(1.20) U	(1.2) U
4-Chloro-3-methylphenol	59-50-7	(1.20) U	(1.70) U	(1.70) U	(1.60) U	(1.60) U	(1.7) U
4-Chlorophenyl phenyl ether	7005-72-3	(0.30) U	(1.10) U	(1.10) U	(1.00) U	(1.10) U	(1.1) U
4-Nitrophenol	100-02-7	(0.70) U	(0.90) U	(0.90) U	(0.90) U	(0.90) U	(0.9) U
Acenaphthene	83-32-9	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.1) U
Acenaphthylene	208-96-8	(0.07) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.1) U
Anthracene	120-12-7	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.1) U
Benz(a)anthracene	56-55-3	(0.10) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U
Benzidine	92-87-5	(14.00) U	(7.40) U	(7.70) U	(7.20) U	(7.30) U	(7.5) U
Benzo(a)pyrene	50-32-8	(0.07) U	(0.06) U	(0.06) U	(0.06) U	(0.06) U	(0.06) U
Benzo(b)fluoranthene	205-99-2	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.1) U
Benzo(g,h,i)perylene	191-24-2	(0.07) U	(0.09) U	(0.10) U	(0.09) U	(0.09) U	(0.09) U
Benzo(k)fluoranthene	207-08-9	(0.06) U	(0.09) U	(0.10) U	(0.09) U	(0.09) U	(0.09) U
bis(2-Chloroethoxy)methane	111-91-1	(0.60) U	(0.90) U	(0.90) U	(0.90) U	(0.90) U	(0.9) U
bis(2-Chloroethyl)ether	111-44-4	(1.00) U	(0.90) U	(0.90) U	(0.90) U	(0.90) U	(0.9) U
bis(2-Chloroisopropyl)ether	108-60-1	(0.60) U	(0.90) U	(0.90) U	(0.80) U	(0.90) U	(0.9) U
bis(2-Ethylhexyl)phthalate	117-81-7	(0.80) U	(1.10) U	(1.10) U	(1.00) U	(1.00) U	(1.1) U
Butylbenzylphthalate	85-68-7	(0.70) U	(1.10) U	(1.10) U	(1.00) U	(1.10) U	(1.1) U
Chrysene	218-01-9	(0.10) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U
Dibenz(a,h)anthracene	53-70-3	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.1) U
Diethylphthalate	84-66-2	(0.30) U	(0.80) U	(0.80) U	(0.80) U	(0.80) U	(0.8) U
Dimethylphthalate	131-11-3	(0.30) U	(1.10) U	(1.20) U	(1.10) U	(1.10) U	(1.1) U
Di-n-butylphthalate	84-74-2	(0.50) U	(1.00) U	(1.10) U	(1.00) U	(1.00) U	(1) U
Di-n-octylphthalate	117-84-0	(0.60) U	(1.00) U	(1.10) U	(1.00) U	(1.00) U	(1) U
Fluoranthene	206-44-0	(0.07) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.1) U
Fluorene	86-73-7	(0.10) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U
Hexachlorobenzene	118-74-1	(0.30) U	(1.40) U	(1.40) U	(1.40) U	(1.40) U	(1.4) U
Hexachlorobutadiene	87-68-3	(1.40) U	(0.60) U	(0.60) U	(0.60) U	(0.60) U	(0.6) U
Hexachlorocyclopentadiene	77-47-4	(0.50) U	(0.60) U	(0.70) U	(0.60) U	(0.60) U	(0.7) U
Hexachloroethane	67-72-1	(0.80) U	(0.90) U	(1.00) U	(0.90) U	(0.90) U	(0.9) U
Indeno(1,2,3-cd)pyrene	193-39-5	(0.10) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Naphthalene	91-20-3	(0.04) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U
Nitrobenzene	98-95-3	(0.60) U	(1.00) U	(1.00) U	(1.00) U	(1.00) U	(1) U
N-Nitrosodimethylamine	62-75-9	(0.60) U	(0.80) U	(0.80) U	(0.70) U	(0.70) U	(0.8) U
N-Nitroso-di-n-propylamine	621-64-7	(0.60) U	(0.80) U	(0.80) U	(0.70) U	(0.70) U	(0.8) U
N-Nitrosodiphenylamine	86-30-6	(0.30) U	(1.10) U	(1.10) U	(1.10) U	(1.10) U	(1.1) U
Pentachlorophenol	87-86-5	(2.60) U	(2.10) U	(2.20) U	(2.10) U	(2.10) U	(2.2) U
Phenanthrene	85-01-8	(0.10) U	(0.08) U	(0.09) U	(0.08) U	(0.08) U	(0.08) U
Phenol	108-95-2	(0.50) U	(0.60) U	(0.60) U	(0.60) U	(0.60) U	(0.6) U
Pyrene	129-00-0	(0.07) U	(0.10) U	(0.10) U	(0.10) U	(0.10) U	(0.1) U

NOTES:

All results are reported in micrograms per liter (ug/L).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit shown in parentheses.

NR - Indicates that the analyte was not requested for analysis.

TABLE 9-C
Summary of QA/QC Analytical Results:
Base Neutral and Acid Extractable Compounds
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	F051805	F053105	F060205	F060305	F060705
	Lab ID	634067	637620	638649	639397	639997
	Sample Date	5/18/2005	5/31/2005	6/2/2005	6/3/2005	6/7/2005
Analyte	**CAS-RN**					
1,2,4-Trichlorobenzene	120-82-1	(0.90) U	(0.90) U	(0.90) U	(0.9) U	(0.90) U
1,2-Dichlorobenzene	95-50-1	(1.10) U	(1.10) U	(1.10) U	(1.1) U	(1.10) U
1,3-Dichlorobenzene	541-73-1	(1.00) U	(1.00) U	(1.00) U	(1) U	(1.00) U
1,4-Dichlorobenzene	106-46-7	(0.90) U	(0.90) U	(0.90) U	(0.9) U	(0.90) U
2,4,6-Trichlorophenol	88-06-2	(2.20) U	(2.20) U	(2.20) U	(2.2) U	(2.30) U
2,4-Dichlorophenol	120-83-2	(1.40) U	(1.40) U	(1.40) U	(1.4) U	(1.50) U
2,4-Dimethylphenol	105-67-9	(2.00) U	(2.00) U	(2.00) U	(2) U	(2.10) U
2,4-Dinitrophenol	51-28-5	(0.90) U	(0.90) U	(0.90) U	(0.9) U	(0.90) U
2,4-Dinitrotoluene	121-14-2	(1.10) U	(1.10) U	(1.20) U	(1.1) U	(1.20) U
2,6-Dinitrotoluene	606-20-2	(1.30) U	(1.30) U	(1.30) U	(1.3) U	(1.30) U
2-Chloronaphthalene	91-58-7	(1.10) U	(1.10) U	(1.10) U	(1.1) U	(1.10) U
2-Chlorophenol	95-57-8	(1.10) U	(1.10) U	(1.10) U	(1.1) U	(1.10) U
2-Methyl-4,6-dinitrophenol	534-52-1	(1.20) U	(1.20) U	(1.20) U	(1.2) U	(1.30) U
2-Nitrophenol	88-75-5	(1.60) U	(1.60) U	(1.60) U	(1.6) U	(1.60) U
3,3'-Dichlorobenzidine	91-94-1	(4.90) U	(4.90) U	(5.00) U	(4.9) U	(5.10) U
4-Bromophenyl phenyl ether	101-55-3	(1.20) U	(1.20) U	(1.20) U	(1.2) U	(1.20) U
4-Chloro-3-methylphenol	59-50-7	(1.60) U	(1.60) U	(1.60) U	(1.6) U	(1.70) U
4-Chlorophenyl phenyl ether	7005-72-3	(1.00) U	(1.00) U	(1.10) U	(1) U	(1.10) U
4-Nitrophenol	100-02-7	(0.90) U	(0.90) U	(0.90) U	(0.9) U	(0.90) U
Acenaphthene	83-32-9	(0.10) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U
Acenaphthylene	208-96-8	(0.10) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U
Anthracene	120-12-7	(0.10) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U
Benz(a)anthracene	56-55-3	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Benzidine	92-87-5	(7.20) U	(7.20) U	(7.30) U	(7.2) U	(7.50) U
Benzo(a)pyrene	50-32-8	(0.06) U	(0.06) U	(0.06) U	(0.06) U	(0.06) U
Benzo(b)fluoranthene	205-99-2	(0.10) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U
Benzo(g,h,i)perylene	191-24-2	(0.09) U	(0.09) U	(0.09) U	(0.09) U	(0.09) U
Benzo(k)fluoranthene	207-08-9	(0.09) U	(0.09) U	(0.09) U	(0.09) U	(0.09) U
bis(2-Chloroethoxy)methane	111-91-1	(0.90) U	(0.90) U	(0.90) U	(0.9) U	(0.90) U
bis(2-Chloroethyl)ether	111-44-4	(0.90) U	(0.90) U	(0.90) U	(0.9) U	(0.90) U
bis(2-Chloroisopropyl)ether	108-60-1	(0.80) U	(0.80) U	(0.90) U	(0.8) U	(0.90) U
bis(2-Ethylhexyl)phthalate	117-81-7	(1.00) U	(1.00) U	(1.00) U	(1) U	(1.10) U
Butylbenzylphthalate	85-68-7	(1.00) U	(1.00) U	(1.10) U	(1) U	(1.10) U
Chrysene	218-01-9	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Dibenz(a,h)anthracene	53-70-3	(0.10) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U
Diethylphthalate	84-66-2	(0.80) U	(0.80) U	(0.80) U	(0.8) U	(0.80) U
Dimethylphthalate	131-11-3	(1.10) U	(1.10) U	(1.10) U	(1.1) U	(1.10) U
Di-n-butylphthalate	84-74-2	(1.00) U	(1.00) U	(1.00) U	(1) U	(1.00) U
Di-n-octylphthalate	117-84-0	(1.00) U	(1.00) U	(1.00) U	(1) U	(1.00) U
Fluoranthene	206-44-0	(0.10) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U
Fluorene	86-73-7	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Hexachlorobenzene	118-74-1	(1.40) U	(1.40) U	(1.40) U	(0.3) U	(0.30) U
Hexachlorobutadiene	87-68-3	(0.60) U	(0.60) U	(0.60) U	(0.6) U	(0.60) U
Hexachlorocyclopentadiene	77-47-4	(0.60) U	(0.60) U	(0.60) U	(0.6) U	(0.70) U
Hexachloroethane	67-72-1	(0.90) U	(0.90) U	(0.90) U	(0.9) U	(0.90) U
Indeno(1,2,3-cd)pyrene	193-39-5	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Naphthalene	91-20-3	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U
Nitrobenzene	98-95-3	(1.00) U	(1.00) U	(1.00) U	(1) U	(1.00) U
N-Nitrosodimethylamine	62-75-9	(0.70) U	(0.70) U	(0.70) U	(0.7) U	(0.80) U
N-Nitroso-di-n-propylamine	621-64-7	(0.70) U	(0.70) U	(0.70) U	(0.7) U	(0.80) U
N-Nitrosodiphenylamine	86-30-6	(1.10) U	(1.10) U	(1.10) U	(1.1) U	(1.10) U
Pentachlorophenol	87-86-5	(2.10) U	(2.10) U	(2.10) U	(2.1) U	(2.20) U
Phenanthrene	85-01-8	(0.08) U	(0.08) U	(0.08) U	(0.08) U	(0.08) U
Phenol	108-95-2	(0.60) U	(0.60) U	(0.60) U	(0.6) U	(0.60) U
Pyrene	129-00-0	(0.10) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U

NOTES:

All results are reported in micrograms per liter (ug/L).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit shown in parentheses.

NR - Indicates that the analyte was not requested for analysis.

TABLE 9-D
Summary of QA/QC Analytical Results:
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	F012505	F012605	F012705	F020205	F042505	F042605	F042705	F042805	F042905
	Lab ID	602739	602396	603134	604250	627408	627677	628263	628705	629059
	Sample Date	1/25/2005	1/26/2005	1/27/2005	2/2/2005	4/25/2005	4/26/2005	4/27/2005	4/28/2005	4/29/2005
Polychlorinated Biphenyls	**CAS-RN**									
Aroclor-1016	12674-11-2	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U
Aroclor-1221	11104-28-2	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.30) U
Aroclor-1232	11141-16-5	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.30) U
Aroclor-1242	53469-21-9	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U
Aroclor-1248	12672-29-6	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.30) U
Aroclor-1254	11097-69-1	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U	(0.20) U	(0.20) U
Aroclor-1260	11096-82-5	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.30) U
Aroclor-1262	37324-23-5	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.30) U
Aroclor-1268	11100-14-4	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U	(0.30) U	(0.30) U
Total Aroclor		ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**									
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	NR	NR	NR	NR	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	NR	NR	NR	NR	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	NR	NR	NR	NR	NR	NR	NR	NR	NR
Aldrin	309-00-2	NR	NR	NR	NR	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	NR	NR	NR	NR	NR	NR	NR	NR	NR
beta_BHC	319-85-7	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chlordane	57-74-9	NR	NR	NR	NR	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dieldrin	60-57-1	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endrin	72-20-8	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	NR	NR	NR	NR	NR	NR	NR	NR	NR
Heptachlor	76-44-8	NR	NR	NR	NR	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	NR	NR	NR	NR	NR	NR	NR	NR	NR
Lindane	58-89-9	NR	NR	NR	NR	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	NR	NR	NR	NR	NR	NR	NR	NR	NR

NOTES:

All results are reported in micrograms per liter (ug/L).

CAS-RN = Chemical Abstract Service Registry Number
ND = Not Detected.

NR - Indicates that the analyte was not requested for analysis.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.

TABLE 9-D
Summary of QA/QC Analytical Results:
Polychlorinated Biphenyls/ Pesticides
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	**F050205**	**F050305**	**F050405**	**F050505**	**F051805**	**F053105**	**F060205**	**F060305**	**F060705**	**F060905**
	Lab ID	**629378**	**629660**	**630044**	**630416**	**634067**	**637620**	**638649**	**639397**	**639997**	**641152**
	Sample Date	**5/2/2005**	**5/3/2005**	**5/4/2005**	**5/5/2005**	**5/18/2005**	**5/31/2005**	**6/2/2005**	**6/3/2005**	**6/7/2005**	**6/9/2005**
Polychlorinated Biphenyls	**CAS-RN**										
Aroclor-1016	12674-11-2	(0.20) U	(0.20) U	(0.2) U	(0.51) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U
Aroclor-1221	11104-28-2	(0.30) U	(0.30) U	(0.3) U	(0.51) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U
Aroclor-1232	11141-16-5	(0.30) U	(0.30) U	(0.3) U	(0.51) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U
Aroclor-1242	53469-21-9	(0.20) U	(0.20) U	(0.2) U	(0.51) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U
Aroclor-1248	12672-29-6	(0.30) U	(0.30) U	(0.3) U	(0.51) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U
Aroclor-1254	11097-69-1	(0.20) U	(0.20) U	(0.2) U	(0.51) U	(0.20) U	(0.20) U	(0.20) U	(0.2) U	(0.20) U	(0.20) U
Aroclor-1260	11096-82-5	(0.30) U	(0.30) U	(0.3) U	(0.51) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U
Aroclor-1262	37324-23-5	(0.30) U	(0.30) U	(0.3) U	(0.51) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U
Aroclor-1268	11100-14-4	(0.30) U	(0.30) U	(0.3) U	(0.51) U	(0.30) U	(0.30) U	(0.30) U	(0.3) U	(0.30) U	(0.30) U
Total Aroclor		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	**CAS-RN**										
4,4'_DDD_(p,p'_Dichlorodiphenyl_dichloroethane)	72-54-8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4,4'_DDE_(p,p'_Dichlorodiphenyltrichloroethane)	72-55-9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4,4'-DDT_(p,p'_Dichlorodiphenyltrichloroethane)	50-29-3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Aldrin	309-00-2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
alpha_BHC	319-84-6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
beta_BHC	319-85-7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chlordane	57-74-9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohexane)	319-86-8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dieldrin	60-57-1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endrin	72-20-8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Heptachlor	76-44-8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Heptachlor epoxide	1024-57-3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Lindane	58-89-9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Toxaphene	8001-35-2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NOTES:

All results are reported in micrograms per liter (ug/L).

CAS-RN = Chemical Abstract Service Registry Number
ND = Not Detected.

NR - Indicates that the analyte was not requested for analysis.
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.

TABLE 9-E
Summary of QA/QC Analytical Results:
Priority Pollutant Metals, Cyanide, and Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	F012505	F012605	F012705	F020205	F042505	F042605	F042705	F042805
	Lab ID	602739	602396	603134	604250	627408	627677	628263	628705
	Sample Date	1/25/2005	1/26/2005	1/27/2005	2/2/2005	4/25/2005	4/26/2005	4/27/2005	4/28/2005
Priority Pollutant Metals	**CAS-RN**								
Antimony	7440-36-0	(3.90) U	(5.8) U	(3.90) U	(5.80) U	(3.9) U	(3.90) U	(3.90) U	(4.90) U
Arsenic	7440-38-2	(3.50) U	(3.2) U	(3.50) U	(3.20) U	(3.5) U	(3.50) U	(3.50) U	(4.50) U
Beryllium	7440-41-7	0.11 B	(0.3) U	(0.10) U	(0.30) U	(0.1) U	(0.10) U	(0.10) U	(0.10) U
Cadmium	7440-43-9	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.4) U	(0.40) U	(0.40) U	(0.50) U
Chromium	7440-47-3	(2.80) U	(1.6) U	(2.80) U	(1.60) U	(2.8) U	(2.80) U	(2.80) U	(2.80) U
Chromium VI	18540-29-9	NR	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	(3.10) U	(3.7) U	(3.10) U	(3.70) U	(3.1) U	(3.10) U	(3.10) U	(3.10) U
Lead	7439-92-1	(2.20) U	(2.6) U	(2.20) U	(2.60) U	(2.2) U	(2.20) U	(2.20) U	(2.20) U
Mercury	7439-97-6	(0.10) U	(0.1) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U	(16.70) U	(0.10) U
Nickel	7440-02-0	(3.90) U	(2.4) U	(3.90) U	(2.40) U	(3.9) U	(3.90) U	(3.90) U	(3.90) U
Selenium	7782-49-2	(4.70) U	(4.2) U	(4.70) U	(4.20) U	(4.7) U	(4.70) U	(4.70) U	(4.80) U
Silver	7440-22-4	(0.80) U	(1.4) U	(0.80) U	(1.40) U	(0.8) U	(0.80) U	(0.80) U	(1.20) U
Thallium	7440-28-0	(4.40) U	(4.7) U	(4.40) U	(4.70) U	(4.4) U	(4.40) U	(4.40) U	(4.80) U
Zinc	7440-66-6	(5.80) U	(5.8) U	(5.80) U	(5.80) U	(5.8) U	(5.80) U	17.40 B	(5.80) U
Inorganic Constituents									
Cyanide	57-12-5	NR	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	NR	NR	NR	NR	NR	NR	NR	NR

NOTES:
All results are reported in micrograms per liter (ug/L).
CAS-RN = Chemical Abstract Service Registry Number
U - Indicates that the analyte was not detected at the Method Detection Limit shown in parentheses.
B - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
NR - Indicates that the analyte was not requested for analysis.

TABLE 9-E
Summary of QA/QC Analytical Results:
Priority Pollutant Metals, Cyanide, and Total Phenols
Main Facility Area SI/RI/RAW
Former Ingersoll-Rand Facility - Phillipsburg, New Jersey

	Sample ID	**F042905**	**F050205**	**F050305**	**F050405**	**F051805**	**F053105**	**F060205**	**F060305**	**F060705**
	Lab ID	**629059**	**629378**	**629660**	**630044**	**634067**	**637620**	**638649**	**639397**	**639997**
	Sample Date	**4/29/2005**	**5/2/2005**	**5/3/2005**	**5/4/2005**	**5/18/2005**	**5/31/2005**	**6/2/2005**	**6/3/2005**	**6/7/2005**
Priority Pollutant Metals	**CAS-RN**									
Antimony	7440-36-0	(4.90) U	(4.90) U	(4.90) U	(4.9) U	(9.80) U	(5.80) U	(5.80) U	(5.80) U	(5.80) U
Arsenic	7440-38-2	(4.50) U	(4.50) U	(4.50) U	(4.5) U	(9.00) U	(3.20) U	(3.20) U	(3.20) U	(3.20) U
Beryllium	7440-41-7	(0.10) U	(0.10) U	(0.10) U	(0.1) U	0.24 B	(0.30) U	(0.30) U	(0.30) U	(0.30) U
Cadmium	7440-43-9	(0.50) U	(0.50) U	(0.50) U	(0.5) U	(1.00) U	(0.40) U	(0.40) U	(0.40) U	(0.40) U
Chromium	7440-47-3	(2.80) U	(2.80) U	(2.80) U	(2.8) U	(5.60) U	(1.60) U	(1.60) U	(1.60) U	(1.60) U
Chromium VI	18540-29-9	NR	NR	NR	NR	NR	NR	NR	NR	NR
Copper	7440-50-8	(3.10) U	3.40 B	(3.10) U	(3.1) U	(6.20) U	(3.70) U	(3.70) U	(3.70) U	(3.70) U
Lead	7439-92-1	(2.20) U	(2.20) U	(2.20) U	(2.2) U	(4.40) U	(2.70) U	(2.70) U	(2.70) U	(2.70) U
Mercury	7439-97-6	(0.10) U	(0.10) U	(0.10) U	(0.1) U	(0.10) U	(16.70) U	(0.10) U	(0.10) U	(0.10) U
Nickel	7440-02-0	(3.90) U	(3.90) U	(3.90) U	(3.9) U	(7.80) U	(2.40) U	(2.40) U	(2.40) U	(2.40) U
Selenium	7782-49-2	(4.80) U	(4.80) U	(4.80) U	(4.8) U	(4.80) U	(4.20) U	(4.20) U	(4.20) U	(4.20) U
Silver	7440-22-4	(1.20) U	(1.20) U	(1.20) U	(1.2) U	(2.40) U	1.70 B	(1.40) U	(1.40) U	(1.40) U
Thallium	7440-28-0	(4.80) U	(4.80) U	(4.80) U	(4.8) U	(9.60) U	(4.70) U	(4.70) U	(4.70) U	(4.70) U
Zinc	7440-66-6	(5.80) U	(5.80) U	(5.80) U	(5.8) U	(11.60) U	(5.80) U	(5.80) U	(5.80) U	(5.80) U
Inorganic Constituents										
Cyanide	57-12-5	NR	NR	NR	NR	NR	NR	NR	NR	NR
Total Phenols	Total Phenols	NR	NR	NR	NR	NR	NR	NR	NR	NR

NOTES:
All results are reported in micrograms per liter (ug/L).
CAS-RN = Chemical Abstract Service Registry Number
U - Indicates that the analyte was not detected at the Method Detection Limit shown in parentheses.
B - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.
NR - Indicates that the analyte was not requested for analysis.

TABLE 10
Summary of Historical Releases with Potential to Impact Groundwater
Former Ingersoll-Rand Facility
Phillipsburg, New Jersey

Release Map ID (Figure 9)	Concern	Date of Original Incident	Location	Document Referenced During File Review	Comments
1	~ 20,000 gallons of #2 fuel oil	1940's	East side of building #4	Letter summarizing the spill history of fuel oil #2 by the IR Manager of Facilities in 1975.	Pipe line broke feeding the day tank from #79.
2	200,000 to 250,000 gallons #2 fuel oil	1943-1944	East end of building #13	Letter summarizing the spill history of fuel oil #2 by the IR Manager of Facilities in 1975.	Building #13 pumps drew oil from tank #79. Over the holiday weekend the discharge pipe broke and the day tanks within building #13 continued to signal for oil. IR employee Floyd Seagreaves recalls tank #79 was practically pumped dry. One of the railroad entrances to Shop #19 had oil 4 ft deep. The fuel was allowed to percolate into the ground.
3	50,000 to 60,000 gallons of #2 fuel oil	1960's	Leak in pipeline at the east end of building #8A	Letter summarizing the spill history of fuel oil #2 by the IR Manager of Facilities in 1975.	Oil was piped from power house and reservoir tank.
5	Unknown amount of fuel oil #2	Prior to 1970	East of building #12 UST	Letter summarizing the spill history of fuel oil #2 by the IR Manager of Facilities in 1975.	The leaky tank was excavated. The excavation was sloppy with oil/sand mud and the tank discharged. Unknown when this began and for how long.
7	Unknown amounts of mineral oil, cutting oils, lubrication oils, greases, etc.	Prior to May 4, 1971	All of Drill Division	Internal memo to Rock Drill Division	The memo informs foremen that all dumping of mineral oil, cutting oils, lubrication oils, greases, etc. must be stopped regardless of quantity onto the ground or into the sewer system. Use of 55-gallon drums required instead.
9	~1 55 gallon drum of bright red oil	September 1 & 2, 1975	Building #16	Letter to Phillipsburg Plant from Cameron Manufacturing Engineer	
12	Zinc	Prior to May 27, 1977	Spray pond	Letter to NJDEP on June 21, 1977	IR found the chemical NALCOOL 8376 (used to control scale, corrosion, and deposits in the cooling water distribution) contained zinc. The chemical kept zinc levels in the spray pond at 1.5 mg/L therefore removing NALCOOL 8376 from use reduced the violation of zinc to 0.5 mg/L. There was an inspection by the DEP on March 2, 1977. A letter from the DEP to IR on March 2, 1977 informed IR of the zinc violation in the effluent to the Lopatcong Creek. The cooling water recycling system was under construction, and the effluent was being tested daily to assure zinc levels remained below 0.5 mg/L.

Notes:
Release Map ID corresponds to the approimate location of the release documented Figure 4.

TABLE 10
Summary of Historical Releases with Potential to Impact Groundwater
Former Ingersoll-Rand Facility
Phillipsburg, New Jersey

Release Map ID (Figure 9)	Concern	Date of Original Incident	Location	Document Referenced During File Review	Comments
13	Unknown amount of waste oil	Prior to February 10, 1979	East end of #17 into the storm sewer and then to the spray pond	Internal letter to and from the facilities manager.	Clean up with sorbent material, oil skimmer, and a pump by IR personnel to prevent the oil from making it to the Lopatcong Creek.
15	Unknown amount of diesel fuel	Prior to January 18, 1982	Between building #9 and #11	IR internal memo to the Manager of Engineering.	IR would investigate the leak when the ground thawed.
16	#1 oil of unknown amount	Prior to 1983	East of building #11	Phillipsburg Facility Liquid Storage Tank Information.	The tank was removed from service by IR.
17	Unknown amount of waste oil and cutting oils from 2 USTs	Prior to January 1985	2 tank excavations of old tanks on east of building #17	Memo from Tellus to IR Facilities Engineer.	IR hired Advanced Environmental Technologies to remove the tanks. Due to bad weather no soil was excavated. Then O'Brien & Gere were hired to excavate the contaminated soil (650 cubic yards of soil was removed).
18	Unknown amount of gasoline	Prior to May 1985	North of building #21	Underground Storage Tank Investigation O'Brien & Gere.	The two tanks were removed from service by IR in May 1985, the excavation of the tank, contaminated soil and soil borings was conducted in 1986.
19	10 to 15 gallons of # 6 fuel oil	May 31, 1985	Pipe line from oil tank #6 to the Powerhouse in diked area	Memo to file documenting the spill and inspection of clean up.	Spill was cleaned with sorbent material and stored in 55-gallon drums by IR personnel.
21	Unknown amount pickling and parkerizing operations solution	Prior to September 1986	Building #91 ID'ed as "cesspool" on sanitary sewer plans	Letter from Tellus to IR Manager of Facilities.	There was an inspection of the sanitary and storm sewer for building #91. At the time of the inspection it was discovered there was a cistern (or septic tank unclear) installed at bedrock collecting everything from the building, including solvents from the dilution tanks.
23	Sulfuric Acid	Prior to September 30,1987	Spray pond pH control point (pump house)	Notes hand written by Bill Bremen & Verar Risk Assessment	The tank was removed from service when the leak was found.
26	100 to 150 gallons of Lindo Cure	May 6, 1988	West end of building #57	Internal letter concerning the spill and the insurance inspector for Matlock the company responsible for the spill	Spill was cleaned with sorbent material and stored in 55-gallon drums by IR personnel. The spill occurred during delivery of the Lindo Cure and sprayed the driver. Lindo Cure was used in conjunction with sand to form the molds for the machinery parts.

Notes:
Release Map ID corresponds to the approximate location of the release documented.

TABLE 10
Summary of Historical Releases with Potential to Impact Groundwater
Former Ingersoll-Rand Facility
Phillipsburg, New Jersey

Release Map ID (Figure 9)	Concern	Date of Original Incident	Location	Document Referenced During File Review	Comments
27	Unknown	Prior to September	Inverse Pond on	Memo from Tellus to IR	Tellus drained the upper inverse pond and inspected the liner
28	5 gallons #2	August 24, 1994	25 feet NW of	Spill and discharge	Surface was cleaned with sorbent, contaminated soil was removed,
31	<1.0 gallon of transformer oil	July 20, 1995	Leak in pipe line 30 feet south of building #66	Spill and discharge reporting form Case #95-7-20-1441-19	Surface was cleaned with sorbent, contaminated soil was removed, and line was repaired by IR personnel. Post excavation samples collected by Tellus.
33	~ 1 gallon of diesel fuel	November 25, 1996	North of building #5 and east of building #20	Spill and discharge reporting form Case #96-11-25-111-43	Surface was cleaned with sorbent, contaminated soil was removed, and post excavation samples collected by Tellus. Tank of refrigerator truck was overfilled with diesel fuel.
34	~32 gallons #2 fuel oil	March 25, 1997	Leak in pipeline at RW-8A	Internal correspondence concerning RW8A discharge report.	Surface was cleaned with sorbent, contaminated soil was removed, and line was repaired by IR personnel. Post excavation samples collected by Tellus.
35	~2 gallons of oil mixture	June 13, 1997	Just south of pump house, building #28	Internal correspondence concerning spray pond discharge report.	Surface was cleaned with sorbent, 1 cubic yard of contaminated soil was removed, and post excavation sample by Tellus. Source of oil mixture is unknown.
36	5 gallons of ethylene glycol	October 16, 1997	Northeastern side of building #20	Spill and discharge reporting form Case #97-10-16-1203-53	Surface was cleaned with sorbent, and leaky valve was repaired. During retrofit of a valve in a mechanical room, the valve broke causing ethylene glycol to be released from the valve. The discharge that wasn't retained by the absorbent material went into the storm sewer drains.
38	Unknown amount of Quench Oil	Prior to 1996	East side of former building #14	1996 ENSR UST Closure and Site Investigation Report	One of the two 10,000 gallon tanks were removed in 1996 and was found to have large and small holes around the tank. Soil results report saturated soil to bedrock in the area of the old tank.
39	Unknown amount of #2 fuel oil and core oil	Prior to March 1987	South of Building #101 and East of Building #4	Contaminated Soil Excavation submitted by Tellus, June 1987	In 1987 IR excavated two USTs to 15 feet bgs and collected post-excavation samples for TPHC. Tellus was brought in to complete the excavation of the contaminated soil. The final excavation varied in depth from 16 feet to 25 feet, reaching bedrock in some places. All post-excavation sample results were less than state regulations.

Notes:
Release Map ID corresponds to the approimate location of the release documented Figure 4.

FIGURES

APPENDICES