L.E. CARPENTER AND COMPANY

346887

USEPA ID No. NJD002168748

Project Report Summary

Date	Report Title	Author	Contents
June-85	**Administrative Consent Order (ACO)**	NJDEP	Requiring LE. Carpenter to go through the Remedial Investigation (RI)/Feasibility Study (FS) process.
June-90	**Report of Revised Remedial Investigation Findings Vol. 1**	GeoEngineering and Roy F. Weston	Site history; Remedial investigation (soil, groundwater, air, hydrogeology); sampling results from remedial investigation; Assessment of impact of contaminants on human health and environment; conclusions, additional sampling in certain areas is recommended.
November-90	**Supplemental Remedial Investigation L.E.Carpenter facility Vol. 1**	Weston Services	Site description, remediation activities, findings of Remedial Investigation; Supplemental sampling results and conclusions for different areas (starch drying beds, sludge impoundment area, drainage ditch and Rockaway River, background soil, abandoned sewer line) are presented.
September-91	**Final Technical Report for Tank Removal Operations**	Weston Services	Photodocumentation and summaries for events leading to completion of tank removal work at the site.
January-92	**Baseline Risk Assessment**	Roy F. Weston	Identification of chemicals of potential concern; human health evaluation exposure assessment; toxicity assessment; risk characterization; ecological risk assessment
February-92	**Fourth Quarter 1991 Progress Report**	Roy F. Weston	Groundwater levels measured and samples taken. MW-22, 23, and 24 were installed on neighboring properties. Enhanced Immiscible Product Recovery System became operational this quarter.
June-92	**Bioremediation and Soil Flushing Treatability Study Report L.E. Carpenter and Co.**	IT Corporation	Remedial technology assessment (bioremediation and soil flushing); Treatability study methods, sampling, data, results and discussion; Biological site characterization; Biotreatability study results; Soil flushing data analysis and interpretation, effectiveness.
September-92	**Final Supplemental Remedial Investigation Addendum for L.E. Carpenter and Company**	Roy F. Weston	Description of site characterization activities; Physical characteristics of site (geology and hydrogeology); Nature and extent of contamination (soil, groundwater, sampling results, migration); Conclusions present an understanding of extent of contamination.
October-93	**L.E. Carpenter and Co. Final Feasibility Study Report**	Roy F. Weston	Site description, history, conceptual site model; ARARs requirements; Identification and screening of technologies and disposal options; Remediation technologies for groundwater; Analysis of remedial alternatives (institutional controls, groundwater treatment, groundwater treatment with reinfiltration, etc.) Groundwater treatment and groundwater treatment with Infiltration are recommended.
April-94	**Superfund Record of Decision (ROD)**	NJDEP	Outlines remedy for site selected by NJDEP
May-94	**1st Quarter 1994 Progress Report**	Roy F. Weston	Groundwater sampling results for BTEX; Product recovery system was expanded to include more skimmer units. BTEX concentrations have decreased since last quarter.
October-94	**Workplan for Phase I ROD Implementation**	Roy F. Weston	Remedial Investigation Report summary; Phase I Hot Spot Remedial Action Plan - proposed activities for Inorganic Hot Spots, DEHP Organic Hot Spots, Disposal Area and PCB area; Groundwater remedial design acquisition and wellfield upgrade - aquifer pumping tests.
April-95	**Quarterly Progress Report Vol.(s) 1 and 2** ***[Period between Nov 1994 and Feb 1995. Represents 4th Quarter 1994 and 1st Quarter 1995]***	Roy F. Weston	Soil sampling showed further delineation of lead contamination is needed. Weston and NJDEP are considering the feasibility of preparing an Explanation of Significant Difference (ESD) for the ROD. Lead contamination is not indicative of "hot spots" and may be from historic fill.
July-95	**Second Quarter 1995 Progress Report**	Roy F. Weston	Groundwater monitoring network has been revised. Groundwater flow in the deep aquifer is inconsistent throughout quarterly events.
October-95	**Third Quarter 1995 Progress Report**	Roy F. Weston	Groundwater sampling, water levels, and product thickness measured. Product footprint was consistent with previous two quarters. Only xylenes at MW22 were in excess of criteria.
October-95	**Silk Mill Property UST Closure documents**	Roy F. Weston	Information on former UST includes NJDEP's closure approval, sections of the Tank Closure Plan, site map and analytical data package. No further action letter from NJDEP is on cover.
December-95	**Letter - Lead in Soils Data Compilation**	Roy F. Weston	Historical site use; summary of existing lead data from RI and remedial action; outline of proposed lead delineation plan for Hot Spots B and C. Weston requests an alternative cleanup standard for lead based on this report.
January-96	**Fourth Quarter 1995 Progress Report**	Roy F. Weston	Groundwater sampling results; water elevations generally increased while product thickness decreased at most sampling locations; xylenes and DEHP were detected at concentrations above criteria.
April-96	**First Quarter 1996 Progress Report**	Roy F. Weston	Groundwater levels generally increased due to precipitation. Apparent product thickness decreased in most of the wells, the product footprint is consistent with last year's events. Xylenes were detected above criteria at MW-4 and MW-15S where they were not detected throughout 1995.
August-96	**Second Quarter Progress Report Vol. 1-2**	Roy F. Weston	Soil and groundwater investigation procedures; Conclusions: Hot Spots B & C - lead distribution in soil is random, engineering controls will suffice; Hot Spot 1 - Elevated DEHP levels found at or below groundwater level, no further remedial activities recommended. Hot Spot 4 - recommended that 32 yds. soil be removed. MW19 soil - no action required. MW-19 groundwater - Weston proposed installing 3 monitoring wells. Product recovery has been effective.
October-96	**Third Quarter 1996 Progress Report**	Roy F. Weston	Groundwater flow is similar to previous events, except for a mound in the southeast portion of the site. Product was found at 12 monitoring point, and no trend in thickness was discernible. MW-22 continues to have xylenes concentration above ROD criteria.
October-96	**Aquifer Testing Summary Report**	Roy F. Weston	Objectives, scope of work, site geology and hydrogeology; Aquifer testing methodology; Aquifer testing results; Conclusions - discharge rates of recovery wells in shallow aquifer zone would exceed the volume of water that could be injected into the zone.
November-96	**Remedial Action Planning Report**	Roy F. Weston	Report contains Weston's revised remedial action recommendations, since groundwater extraction and reinfiltration were found to be infeasible. Different product recovery/groundwater remedial technologies are evaluated, and Weston recommends a more aggressive program of free product recovery and treatment by improving the existing skimmer and bailing system, and using air sparging/soil vapor extraction and high vacuum extraction to middle of plume. Also obtain a POTW permit for off-site discharge, and conduct a natural attenuation monitoring program. Estimated costs and schedule are included.
February-97	**Remedial Action Plan - Phase I Free Product Recovery**	RMT	Site background is provided. Description of the proposed free product recovery system includes installing a recovery well network, and enhanced-fluid recovery. O & M plan is provided.
March-97	**Fourth Quarter 1996 Progress Report**	Roy F. Weston	Groundwater levels generally increased since last quarter. Product was found in 18 locations with no trend in product thickness compared with Third Quarter. Xylenes were detected above ROD criteria at MW-22.
June-97	**First Quarter 1997 Progress Report**	Roy F. Weston	Groundwater elevations generally decreased since last quarter. Product was found in 15 monitoring points, and there was no trend in product thickness. MW-22 was not sampled but xylene concentrations in this well have decreased over time.
September-97	**Second Quarter 1997 Progress Report**	Roy F. Weston	A number of wells were abandoned on July 23 and 24, and some were replaced. Since last quarter, groundwater elevations have generally decreased. Benzene, xylenes and DEHP were detected in the replacement MW-22 and other wells.

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November-97	Third Quarter 1997 Progress Report	Roy F. Weston	Since 2nd Quarter, groundwater elevations have increased. Starting fourth quarter, RMT will perform sampling. Product was found in 15 locations, with no apparent trend in thickness. Benzene was above criteria in MW-14I, xylene exceeded relative criteria at MW-14I, MW-25R and MW-22R.
January-98	Fourth Quarter 1997 Progress Report	Roy F. Weston	Product recovery system was out of service for this quarter. Groundwater levels generally increased. No trend in product thickness was observed. Benzene in MW-14I, xylenes in MW-14I, MW-25R, and MW-22R exceeded certain criteria.
June-98	MW-19 and Hot Spot 1 Delineation Reports	RMT	This report addresses NJDEP concerns regarding high BTEX concentrations in the MW19/Hot Spot 1 area. The scope of work includes installation and sampling of MW-19-1 through MW-19-5, and sampling of existing monitoring wells.
July-98	First Quarter 1998 Quarterly Monitoring Report	RMT	Presents results of EFR and groundwater monitoring. Mw-19-1 through MW-19-5 were installed and sampled to determine groundwater impact in the MW19/Hot Spot 1 area. MW-11I and MW-11D were replaced.
September-98	Second Quarter 1998 Quarterly Monitoring Report	RMT	Presents results of EFR and groundwater monitoring activities. Surface water sampling of drainage ditch in accordance with 1/28/98 NJDEP letter was conducted.
October-98	Third Quarter 1998 Quarterly Monitoring Report	RMT	Presents results of EFR and groundwater monitoring activities. The interaction of surrounding surface water bodies with shallow groundwater was indeterminable since the staff gauges were missing. They will be replaced next quarter.
November-98	Workplan to Implement Further Investigative and Remedial Action at MW19/Hot Spot 1; Hot Spot B and C; and Hot Spot 4	RMT	Workplan addresses NJDEP requirements outlined in 1/20/98 and 7/15/98 letters. Site background is provided and proposed scopes of work for the three areas of concern. For MW19/Hot Spot 1, monitoring well installation and sampling is proposed. For Hot Spots B and C, additional subsurface investigation to delineate lead contamination is proposed. For Hot Spot 4, excavation of contaminated soil is recommended.
January-99	Fourth Quarter 1998 Quarterly Monitoring Report	RMT	Presents results of EFR and groundwater monitoring. Six new staff gauges were installed and surveyed during this quarter.
April-99	First Quarter 1999 Quarterly Monitoring Report	RMT	Presents EFR and groundwater monitoring results.
June-99	MW-19/Hot Spot 1 Off-Site Subsurface Investigation	RMT	A history of investigation in this area is provided. This report addresses NJDEP's concern about the extent of BTEX and DEHP impact to groundwater in the MW-19 area. Five off-site locations were sampled to establish a clean zone.
July-99	Second Quarter 1999 Quarterly Monitoring Report	RMT	Presents EFR and groundwater monitoring results.
August-99	Workplan - Further Off-Site Groundwater Investigation at MW19/Hot Spot 1	RMT	Workplan addresses NJDEP requirements outlined in 7/23/99 letter. Workplan outlines the installation, development and sampling of 3 permanent off-site groundwater monitoring wells downgradient from the MW19/Hot Spot 1 area. A structural evaluation of downgradient homes north of Ross Street will be performed.
August-99	Hot Spot B and Hot Spot C Subsurface Lead Investigation	RMT	Soil sampling methods and results presented and extent of contamination defined. Three areas of soil exceed lead 600 mg/kg cleanup objective. Soil capping seems to be a reasonable option.
October-99	Third Quarter 1999 Quarterly Monitoring Report	RMT	Results of EFT and groundwater monitoring activities are presented. RMT initiated free product modeling.
January-00	Fourth Quarter 1999 Quarterly Monitoring Report	RMT	Fourth quarter EFR and groundwater monitoring results are presented. Three monitoring wells were installed and sampled downgradient of the MW19/Hot Spot 1 area. A free product volume model was completed.
March-00	MW-19/Hot Spot 1 Area Remedial Investigation Report	RMT	The scope of work includes installation, development, and sampling of 3 permanent downgradient monitoring wells (MW19-6, MW19-7, and MW19-8) to determine a clean zone for BTEX and DEHP. It is concluded that previous sampling events have established a clean zone for BTEX and DEHP, so further investigation in this area is not needed.
April-00	First Quarter 2000 Quarterly Monitoring Report	RMT	First quarter results of EFR and groundwater monitoring activities are presented. A Remedial Investigation Report regarding MW19/Hot Spot 1 was submitted.
May-00	Evaluation of Remediation of Groundwater by Natural Attenuation	RMT	Initial baseline evaluation of the ability of impacted groundwater existing at the LEC site to naturally degrade. Initial 2D BioScreen Model
May-00	Free Product Volume Analysis	RMT	Site hydrogeologic conditions and previous analysis are described. Volume of free product was estimated using and API model to be 44,000 gallons. Recoverable free product was between 8,800 and 13,000 gallons. An alternative model found recoverable free product to be 8,000 gallons.
July-00	Second Quarter 2000 Quarterly Monitoring Report	RMT	Presents results of EFR and groundwater monitoring activities.
August-00	Workplan to Evaluate Additional Technologies to Enhance On-Site Free Product Recovery	RMT	This report was prepared in response to NJDEP 8/1/00 letter's request that additional technologies be evaluated to expedite free product removal. Report describes the technologies that will be evaluated (e.g., In-site chemical oxidation using Fenton's chemistry, multiple phase extraction with well points, etc.)
September-00	Workplan for Delineating and Characterizing Elevated Lead Concentrations in Soil	RMT	This workplan addresses NJDEP letters from 4/13 and 8/1. The goals of the workplan are to determine possible sources for the elevated lead, finish horizontal and vertical delineation of elevated lead concentrations in soil, assess risk associated with lead in soil, and evaluate alternative remedial options.
October-00	Third Quarter 2000 Quarterly Monitoring Report	RMT	Presents EFR and groundwater monitoring results.
October-00	MW19/Hot Spot 1 Well Installation Workplan	RMT	Background on this area is provided. Scope of work includes the installation of 3 groundwater monitoring wells to show that contaminants are not migrating north of or along the sewer line.
January-01	Fourth Quarter 2000 Quarterly Monitoring Report		Presents results of EFR and groundwater monitoring activities.
April-01	First Quarter 2001 Quarterly Monitoring Report		Presents results of EFR and groundwater monitoring activities.
May-01	Enhancement of Free Product Recovery (Workplan)	RMT	Respond to NJDEP comments outlined in the letter dated May 8, 2001. Outlined a preliminary conceptual design to install a free product recovery trench
May-01	Revised Workplan for Delineating and Characterizing Elevated Lead Concentrations in Soil	RMT	Workplan provided in response to agency comments dated December 21, 2000 regarding the September 2000 lead delineation workplan.

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May-01	Workplan for Supplemental Investigation of Natural Attenuation of Dissolved Constituents in Groundwater	RMT	Workplan provided in response to agency comments dated June 2000 regarding the May 2000 RNA workplan. Included a new project Quality Assurance Project Plan (QAPP).
July-01	Second Quarter 2001 Quarterly Monitoring Report		Presents results of EFR and groundwater monitoring activities.
October-01	Results of the MW19/Hot Spot 1 Area Well Installation and Groundwater Sampling	RMT	Outlines the installation activities for MW19-9D (@ 35 bgs in shallow system). Installation of this well was required based on NJDEP letters dated April 13 and August 1, 2000 and conversations with the NJDEP and EPA on June 20, 2001 as documented in the RMT letter dated June 27, 2001. Well specifications were in accordance with RMTs Oct 2000 workplan and the RMT letter dated Feb 13, 2001. Includes a full round of well sampling.
October-01	Responses to August 23, 2001 NJDEP Letter and Addendum for the Workplan for Supplemental Investigation of Natural Attenuation of Dissolved Constituents in Groundwater (May 2001)	RMT	As described. Addendum to the May 2001 workplan and responses to agency comments. Issues were drilling techniques, professional survey of wells, sample analysis, future MNA modeling, well installations and QAPP table modifications.
October-01	Third Quarter 2001 Quarterly Monitoring Report		Presents results of EFR and groundwater monitoring activities.
November-01	Workplan to Evaluate Free Product Remedial Strategies	RMT	Workplan proposed the installation of three test pits in areas where free product was thickest to determine the nature and extent of free product, and gather data to implement a more effective recovery methodology. The workplan included a technology evaluation decision analysis and an identification and prioritization of data needs.
November-01	Amendment to Workplan to Evaluate Free Product Remedial Strategies	RMT	Response to agency comments regarding the previous workplan (Nov 2001) dated Nov 20, 2001 and the conference call between NJDEP and RMT on Nov 20, 2001. Requested more details regarding low temperature thermal desorption, HASP and schedule.
January-02	Fourth Quarter 2001 Quarterly Monitoring Report		Presents results of EFR and groundwater monitoring activities.
March-02	Findings and Recommendations Regarding a Conceptual Free-Product Remediation Strategy	RMT	Documents the December 2001 free product test pit installation and investigation to identify data gaps and determine a more effected means of free product recovery. Outlines the conceptual approach to excavate the free product footprint, manage associated wastes, and backfill the site.
March-02	Nature and Extent of Lead in Soils and Groundwater [Vol(s) 1 and 2]	RMT	Documents the November 2001 subsurface lead investigation to define the vertical and horizontal extent on lead soils exhibiting concentrations > 600 ppm. Also included SPLP and groundwater sampling to determine if the lead was leachable and impacting shallow groundwater.
April-02	Quarterly Monitoring Report - 1st Quarter 2002	RMT	Presents results of EFR and groundwater monitoring activities.
July-02	Quarterly Monitoring Report - 2nd Quarter 2002	RMT	Presents results of EFR and groundwater monitoring activities. This repot also included the results of the MW19/Hot Spot 1 and surface water sampling (drainage ditch) performed at the request of the NJDEP following their review of the 1st quarter 2002 monitoring activities [Ref. NJDEP letter dated May 31, 2002].
October-02	Quarterly Monitoring Report - 3rd Quarter 2002	RMT	Presents results of EFR and groundwater monitoring activities.
January-03	Quarterly Monitoring Report - 4th Quarter 2002	RMT	Presents results of EFR and groundwater monitoring activities.
February-03	Focused Feasibility Study Lead-Impacted Soil Remediation	RMT	Report presents the justification to change the current ROD remedy for lead impacted soils form excavation and off-site disposal to excavation and beneficial reuse and fill material above the highest shallow groundwater elevation.
April-03	Quarterly Monitoring Report - 1st Quarter 2003	RMT	Presents results of EFR and groundwater monitoring activities.
July-03	Quarterly Monitoring Report - 2nd Quarter 2003	RMT	Presents results of EFR and groundwater monitoring activities.
October-04	Quarterly Monitoring Report - 3rd Quarter 2003	RMT	Presents results of EFR and groundwater monitoring activities.
January-04	Quarterly Monitoring Report - 4th Quarter 2003	RMT	Presents results of EFR and groundwater monitoring activities.
February-04	Workplan to Perform a Pilot Exavation	RMT	Outlined a pilot excavation approach, and data needs and objectives to finalize RAWP preparation for the source reduction strategy

TABLE 1

I.E. CARPENTER - WHARTON, NEW JERSEY
WHARTON ENTERPRISE PROPERTY - PCB SOIL SAMPLE RESULTS
NOVEMBER 2004 (1ST ROUND)

Sample ID	New Jersey Residential Direct Contact Soil Cleanup Criteria (ug/kg)	New Jersey Non - Residential Direct Contact Soil Cleanup Criteria (ug/kg)	PCB1104-1A	PCB1104-1B	PCB1104-2A	PCB1104-2B	PCB1104-3A	PCB1104-3B	PCB1104-4A	PCB1104-4B	PCB1104-5A	PCB1104-5B	PCB1104-6A	PCB1104-6B	PCB1104-7A	PCB1104-7B	PCB1104-8A	PCB1104-8B
Lab Sample Number			4403897	4403898	4403899	4403900	4403901	4403902	4403903	4403904	4403905	4403906	4411203	4411204	4411205	4411206	4411207	4411208
Sampling Date			10-Nov-04	10-Nov-04	08-Nov-04	08-Nov-04	08-Nov-04	08-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04
Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth			5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"
Dilution Factor			10	10	1	1	1	1	5	1	20	5	1	1	1	1	5	1
Units			(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
PCBs(1)																		
Aroclor-1016			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254			3,200	4500	170	130	80	120	560	54	6,200	780	200	49	150	63	800	270
Aroclor-1260			860	1500	66	57	37	42	180	32	760	160	80	20	73	39	330	100
Total PCBs	490	2000	4,060	6,000	236	187	117	162	740	86	6,960	940	280	69	223	102	1,130	370

Sample ID	PCB1104-9A	PCB1104-9B	PCB1104-10A	PCB1104-10B	PCB1104-11A	PCB1104-11B	PCB1104-12A	PCB1104-12B	PCB1104-13A	PCB1104-13B	PCB1104-14A	PCB1104-14B	PCB1104-15A	PCB1104-15B	PCB1104-16A	PCB1104-16B	PCB1104-17A	PCB1104-17B
Lab Sample Number	4411209	4411210	4411211	4411212	4403877	4403878	4411213	4411214	4403879	4403880	4403881	4403882	4403883	4403884	4403885	4403886	4403887	4403888
Sampling Date	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	09-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"
Dilution Factor	1	1	1	1	20	5	5	10	1	1	5	2	5	5	5	10	5	5
Units	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
PCBs(1)																		
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	150	100	58	63	7,800	2,000	780	1,700	ND	ND	1,700	650	820	950	800	4,200	680	590
Aroclor-1260	44	25	38	ND	1,500	450	220	300	ND	ND	440	150	200	140	350	740	210	160
Total PCBs	194	125	96	63	9,300	2,450	1,000	2,000	ND	ND	2,140	800	1,020	1,090	1,150	4,940	890	750

Sample ID	PCB1104-18A	PCB1104-18B	PCB1104-19A	PCB1104-19B	PCB1104-20A	PCB1104-20B	PCB1104-21A	PCB1104-21B	PCB1104-22A	PCB1104-22B	PCB1104-23A	PCB1104-23B	PCB1104-24A	PCB1104-24B	PCB1104-25A	PCB1104-25B	PCB1104-26A	PCB1104-26B
Lab Sample Number	4411215	4411216	4411217	4411218	4411219	4411220	4411221	4411222	4403889	4403890	4403891	4403892	4403893	4403894	4403895	4403896	4403907	4403908
Sampling Date	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04	10-Nov-04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"	5"-7"	1'5"-17"
Dilution Factor	1	1	1	1	5	5	5	10	10	10	2	1	5	10	5	5	5	1
Units	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
PCBs(1)																		
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	100	13	96	200	820	1,000	730	1,500	3,200	2,900	530	86	590	470	670	730	530	24
Aroclor-1260	41	5.7	47	39	140	150	200	350	840	550	130	28	220	100	320	210	390	8.1
Total PCBs	141	19	143	239	960	1,150	930	1,850	4,040	3,450	660	114	810	570	990	940	920	32

Notes
(1) Values listed reflect the combined standards for "Total PCBs"
(2) Soil Cleanup criteria is provided for "Endosulfan" without specification if it is for Endosulfan I or Endosulfan II

Qualifiers
U - The compound was not detected at the indicated concentration
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zerc
The concentration given is an approximate value
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sampl
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interferenc
ND - No Detection.
960 Concentration Exceeds the Residential Direct Contact Soil Cleanup Criteria of 490 ug/k

TABLE 2

L.E. CARPENTER, WHARTON NEW JERSEY
WHARTON ENTERPRISE PROPERTY - PCB SOIL SAMPLE RESULTS
DECEMBER 2004 (2ND ROUND)

Sample ID	New Jersey Residential Direct Contact Soil Cleanup Criteria (ug/kg)	New Jersey Non - Residential Direct Contact Soil Cleanup Criteria (ug/kg)	PCB1204-27 6"	PCB1204-27 18"	PCB1204-28 6"	PCB1204-28 18"	PCB1204-29 6"	PCB1204-29 18"	PCB1204-30 6"	PCB1204-30 18"	PCB1204-31 6"	PCB1204-31 18"	PCB1204-32 6"	PCB1204-32 18"	PCB1204-33 6"	PCB1204-33 18"	PCB1204-34 6"	PCB1204-34 18"
Lab Sample Number			4426923	4426924	4426925	4426926	4426927	4426928	4426929	4426930	4426931	4426932	4426933	4426934	4426937	4426938	4426891	4426892
Sampling Date			09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	09-Dec-04	10-Dec-04	10-Dec-04
Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth			5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'
Dilution Factor			1	1	1	1	1	1	1	1	1	5	1	1	2	1	1	1
Units			(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
PCBs(1)																		
Aroclor-1016			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254			120	36	14	8.7	22	7.7	390	6.4	150	1,200	24	28	560	62	200	200
Aroclor-1260			82	21	9.5	6	13	ND	140	6.1	87	350	53	31	190	25	74	14
Total PCBs	490	2000	202	57	24	14.7	35	7.7	530	13	237	1,550	77	59	750	87	274	214

Sample ID	PCB1204-35 6"	PCB1204-35 18"	PCB1204-36 6"	PCB1204-36 18"	PCB1204-37 6"	PCB1204-37 18"	PCB1204-38 6"	PCB1204-38 18"	PCB1204-39 6"	PCB1204-39 18"	PCB1204-40 6"	PCB1204-40 18"	PCB1204-41 6"	PCB1204-41 18"	PCB1204-42 6"	PCB1204-42 18"	PCB1204-43 6"	PCB1204-43 18"
Lab Sample Number	4426895	4426896	4426893	4426894	4426935	4426936	4426901	4426902	4426899	4426900	4426897	4426898	4426903	4426904	4426905	4426906	4426907	4426908
Sampling Date	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	09-Dec-04	09-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'
Dilution Factor	5	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1
Units	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
PCBs(1)																		
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	960	400	160	200	24	ND	65	110	15	21	140	160	320	900	14	120	35	11
Aroclor-1260	320	120	84	39	44	6.5	64	25	ND	9.1	26	33	98	150	18	33	58	11
Total PCBs	1,280	520	244	239	68	6.5	129	135	15	30	166	193	418	1,050	32	153	93	22

Sample ID	PCB1204-44 6"	PCB1204-44 18"	PCB1204-45 6"	PCB1204-45 18"	PCB1204-46 6"	PCB1204-46 18"	PCB1204-47 6"	PCB1204-47 18"	PCB1204-48 6"	PCB1204-48 18"	PCB1204-49 6"	PCB1204-49 18"	PCB1204-51 6"	PCB1204-51 18"
Lab Sample Number	4426917	4426918	4426913	4426914	4426919	4426920	4426921	4426922	4426909	4426910	4426911	4426912	4426915	4426916
Sampling Date	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04	10-Dec-04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'	5'-7'	1'5'-1'7'
Dilution Factor	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Units	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
PCBs(1)														
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	15	51	ND	ND	47	32	30	11	52	140	37	59	190	35
Aroclor-1260	7	27	ND	ND	15	8.9	12	4.3	15	23	9.3	15	45	9.5
Total PCBs	22	78	ND	ND	62	40.9	42	15.3	67	163	46.3	74	235	44.5

Notes
(1) Values listed reflect the combined standards for "Total PCBs"
(2) Soil Cleanup criteria is provided for "Endosulfan" without specification if it is for Endosulfan I or Endosulfan II
(3) No soil samples were collected at sample location PCB-1204-5(

Qualifiers
U - The compound was not detected at the indicated concentration
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zer
The concentration given is an approximate value
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sampl
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference
ND - No Detection.
1,280 Concentration Exceeds the Residential Direct Contact Soil Cleanup Criteria of 490 ug/k

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

608-831-4444

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 924587. Samples arrived at the laboratory on Saturday, December 11, 2004. The PO# for this group is 6527.08.

Client Description	Lancaster Labs Number
PCB-12/04-31 6" Grab Soil Sample	4426931
PCB-12/04-31 18" Grab Soil Sample	4426932
PCB-12/04-32 6" Grab Soil Sample	4426933
PCB-12/04-32 18" Grab Soil Sample	4426934
PCB-12/04-37 6" Grab Soil Sample	4426935
PCB-12/04-37 18" Grab Soil Sample	4426936
PCB-12/04-33 6" Grab Soil Sample	4426937
PCB-12/04-33 18" Grab Soil Sample	4426938

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO	RMT, Inc.	Attn: Mr. Nicholas J. Clevett
1 COPY TO	Data Package Group	

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300.

Respectfully Submitted,

Susan M. Croyle
Senior Chemist, Coordinator

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. SW 4426931

PCB-12/04-31 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/09/2004 14:58 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:31
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

31--6 SDG#: LEC23-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	32.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	7.1	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	6.4	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	4.9	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	4.9	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	4.9	ug/kg	1
01500	PCB-1254	11097-69-1	150.	5.5	ug/kg	1
01501	PCB-1260	11096-82-5	87.	4.9	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/14/2004 16:21	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 16:17	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/16/2004 05:00	Sarah M Snyder	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4426932

PCB-12/04-31 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/09/2004 14:58 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:31
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

31-18 SDG#: LEC23-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	27.0	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	33.	ug/kg	5
01496	PCB-1221	11104-28-2	N.D.	29.	ug/kg	5
01497	PCB-1232	11141-16-5	N.D.	23.	ug/kg	5
01498	PCB-1242	53469-21-9	N.D.	23.	ug/kg	5
01499	PCB-1248	12672-29-6	N.D.	23.	ug/kg	5
01500	PCB-1254	11097-69-1	1,200.	25.	ug/kg	5
01501	PCB-1260	11096-82-5	350.	23.	ug/kg	5

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/14/2004 16:21	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 17:27	Michele D Hamilton	5
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/16/2004 05:00	Sarah M Snyder	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426933

PCB-12/04-32 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/09/2004 15:24 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:31
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

32--6 SDG#: LEC23-03

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	38.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		7.9	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		7.0	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		5.4	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		5.4	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		5.4	ug/kg	1
01500	PCB-1254	11097-69-1	24.	J	6.1	ug/kg	1
01501	PCB-1260	11096-82-5	53.		5.4	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/14/2004 16:21	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 17:50	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/16/2004 05:00	Sarah M Snyder	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4426934

PCB-12/04-32 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/09/2004 15:24 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:31
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

32-18 SDG#: LEC23-04

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	47.7		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		9.2	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		8.2	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		6.3	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		6.3	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		6.3	ug/kg	1
01500	PCB-1254	11097-69-1	28.	J	7.1	ug/kg	1
01501	PCB-1260	11096-82-5	31.	J	6.3	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/14/2004 16:21	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 18:14	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/16/2004 05:00	Sarah M Snyder	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426935

PCB-12/04-37 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/09/2004 15:57 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:31
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

37--6 SDG#: LEC23-05

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	42.3		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		8.3	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		7.5	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		5.7	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		5.7	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		5.7	ug/kg	1
01500	PCB-1254	11097-69-1	24.	J	6.4	ug/kg	1
01501	PCB-1260	11096-82-5	44.		5.7	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/14/2004 16:21	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 18:37	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/16/2004 05:00	Sarah M Snyder	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426936

PCB-12/04-37 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/09/2004 15:57 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:31
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

37-18 SDG#: LEC23-06

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	37.5		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		7.7	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		6.9	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		5.3	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		5.3	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		5.3	ug/kg	1
01500	PCB-1254	11097-69-1	N.D.		5.9	ug/kg	1
01501	PCB-1260	11096-82-5	6.5	J	5.3	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/14/2004 16:21	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 19:00	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/16/2004 05:00	Sarah M Snyder	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426937

PCB-12/04-33 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/09/2004 16:15 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:31
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

33--6 SDG#: LEC23-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	38.5	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	16.	ug/kg	2
01496	PCB-1221	11104-28-2	N.D.	14.	ug/kg	2
01497	PCB-1232	11141-16-5	N.D.	11.	ug/kg	2
01498	PCB-1242	53469-21-9	N.D.	11.	ug/kg	2
01499	PCB-1248	12672-29-6	N.D.	11.	ug/kg	2
01500	PCB-1254	11097-69-1	560.	12.	ug/kg	2
01501	PCB-1260	11096-82-5	190.	11.	ug/kg	2

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/14/2004 16:21	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 19:24	Michele D Hamilton	2
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/16/2004 05:00	Sarah M Snyder	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. SW 4426938

PCB-12/04-33 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/09/2004 16:15 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:31
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

33-18 SDG#: LEC23-08

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	33.6		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		7.2	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		6.5	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		5.0	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		5.0	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		5.0	ug/kg	1
01500	PCB-1254	11097-69-1	62.		5.6	ug/kg	1
01501	PCB-1260	11096-82-5	25.	J	5.0	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/14/2004 16:21	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 19:47	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/16/2004 05:00	Sarah M Snyder	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 924587
Reported: 12/22/04 at 03:31 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 04349820005B	Sample number(s): 4426931-4426938							
Moisture				100		99-101		
Batch number: 043500013A	Sample number(s): 4426931-4426938							
PCB-1016	N.D.	4.8	ug/kg	95		72-120		
PCB-1221	N.D.	4.3	ug/kg					
PCB-1232	N.D.	3.3	ug/kg					
PCB-1242	N.D.	3.3	ug/kg					
PCB-1248	N.D.	3.3	ug/kg					
PCB-1254	N.D.	3.7	ug/kg					
PCB-1260	N.D.	3.3	ug/kg	96		76-122		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 04349820005B	Sample number(s): 4426931-4426938								
Moisture						67.1	66.9	0	15
Batch number: 043500013A	Sample number(s): 4426931-4426938								
PCB-1016	98	95	45-125	3	50				
PCB-1260	90	87	32-139	2	50				

Surrogate Quality Control

Analysis Name: PCBs in Solids
Batch number: 043500013A

	Tetrachloro-m-xylene	Decachlorobiphenyl
4426931	93	89
4426932	96	122
4426933	102	96
4426934	92	91
4426935	90	92
4426936	92	87
4426937	87	123
4426938	89	101
Blank	94	88

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 12/22/04 at 03:31 PM

Group Number: 924587

Surrogate Quality Control

LCS	92	88
MS	94	93
MSD	92	93
Limits:	53-139	41-132

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Analysis Request / Environmental Services Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. # 09322 Group# 924507 Sample # 4426931-8

COC # 0075129

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: RMT, INC Acct. #:
Project Name/#: L. E. Carpenter 6527.05 PWSID #:
Project Manager: N. Clevett P.O.#:
Sampler: E. Vincke Quote #:
Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR #: 1198022

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	PCB	Remarks
PCB 12/04 27	12/9	13 15	X		X			2	X	Analyze the same as PCB samples taken in Nov.
PCB 12/04 28	12/9	13 35	↓		↓			↓	↓	
PCB 12/04 29	12/9	14 00	↓		↓			↓	↓	
PCB 12/04 30	12/9	14 30	↓		↓			↓	↓	
PCB 12/04 31	12/9	14 58	↓		↓			↓	↓	Samples were taken at 6" & 18" and marked on sample.
PCB 12/04 32	12/9	15 24	↓		↓			↓	↓	
PCB 12/04 37	12/9	15 57	↓		↓			↓	↓	
PCB 12/04 33	12/9	16 15	X		X			X	X	

(7) Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 616-975-5415 Fax #: 616-975-1098
E-mail address: nicholas.clevett@rmtinc.com

(8) Data Package Options (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	12/7/04	16:05			
Eric Vincke	12/10	15 30	Fed Ex		
			[signature]	12/11/04	0950

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102 Rev. 10/27/02

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

608-831-4444

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 924585. Samples arrived at the laboratory on Saturday, December 11, 2004. The PO# for this group is 6527.08.

Client Description	Lancaster Labs Number
PCB-12/04-34 6" Grab Soil Sample	4426891
PCB-12/04-34 18" Grab Soil Sample	4426892
PCB-12/04-36 6" Grab Soil Sample	4426893
PCB-12/04-36 18" Grab Soil Sample	4426894
PCB-12/04-35 6" Grab Soil Sample	4426895
PCB-12/04-35 18" Grab Soil Sample	4426896
PCB-12/04-40 6" Grab Soil Sample	4426897
PCB-12/04-40 18" Grab Soil Sample	4426898
PCB-12/04-39 6" Grab Soil Sample	4426899
PCB-12/04-39 18" Grab Soil Sample	4426900
PCB-12/04-38 6" Grab Soil Sample	4426901
PCB-12/04-38 18" Grab Soil Sample	4426902
PCB-12/04-41 6" Grab Soil Sample	4426903
PCB-12/04-41 18" Grab Soil Sample	4426904
PCB-12/04-42 6" Grab Soil Sample	4426905
PCB-12/04-42 18" Grab Soil Sample	4426906
PCB-12/04-43 6" Grab Soil Sample	4426907
PCB-12/04-43 18" Grab Soil Sample	4426908
PCB-12/04-48 6" Grab Soil Sample	4426909
PCB-12/04-48 18" Grab Soil Sample	4426910

METHODOLOGY

Lancaster Laboratories

Analysis Report

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The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO	RMT, Inc.	Attn: Mr. Nicholas J. Clevett
1 COPY TO	Data Package Group	

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300.

Respectfully Submitted,

Susan M. Croyle
Senior Chemist, Coordinator

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. SW 4426891

PCB-12/04-34 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 07:25 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:19
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

34--6 SDG#: LEC21-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	42.6	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	8.4	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	7.5	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	5.7	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	5.7	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	5.7	ug/kg	1
01500	PCB-1254	11097-69-1	200.	6.4	ug/kg	1
01501	PCB-1260	11096-82-5	74.	5.7	ug/kg	1
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.					

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 07:35	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. SW 4426892

PCB-12/04-34 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 07:25 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:19
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

34-18 SDG#: LEC21-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	37.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	7.7	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	6.9	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	5.3	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	5.3	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	5.3	ug/kg	1
01500	PCB-1254	11097-69-1	200.	5.9	ug/kg	1
01501	PCB-1260	11096-82-5	41.	5.3	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 13:45	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4426893

PCB-12/04-36 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 07:40 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:19
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

36--6 SDG#: LEC21-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	55.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	11.	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	9.6	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	7.4	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	7.4	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	7.4	ug/kg	1
01500	PCB-1254	11097-69-1	160.	8.3	ug/kg	1
01501	PCB-1260	11096-82-5	84.	7.4	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 13:49	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. SW 4426894

PCB-12/04-36 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 07:40 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:19
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

36-18 SDG#: LEC21-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	29.1	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	6.8	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	6.1	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	4.7	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	4.7	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	4.7	ug/kg	1
01500	PCB-1254	11097-69-1	200.	5.2	ug/kg	1
01501	PCB-1260	11096-82-5	39.	4.7	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 14:19	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4426895

PCB-12/04-35 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 08:00 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:19
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

35--6 SDG#: LEC21-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	58.5	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	58.	ug/kg	5
01496	PCB-1221	11104-28-2	N.D.	52.	ug/kg	5
01497	PCB-1232	11141-16-5	N.D.	40.	ug/kg	5
01498	PCB-1242	53469-21-9	N.D.	40.	ug/kg	5
01499	PCB-1248	12672-29-6	N.D.	40.	ug/kg	5
01500	PCB-1254	11097-69-1	960.	45.	ug/kg	5
01501	PCB-1260	11096-82-5	320.	40.	ug/kg	5
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.					

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 14:35	Michele D Hamilton	5
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. SW 4426896

PCB-12/04-35 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 08:00 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

35-18 SDG#: LEC21-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	52.4	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	10.	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	9.0	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	6.9	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	6.9	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	6.9	ug/kg	1
01500	PCB-1254	11097-69-1	400.	7.8	ug/kg	1
01501	PCB-1260	11096-82-5	120.	6.9	ug/kg	1
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.					

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 14:59	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426897

PCB-12/04-40 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 08:25 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

40--6 SDG#: LEC21-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	29.5	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	6.8	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	6.1	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	4.7	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	4.7	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	4.7	ug/kg	1
01500	PCB-1254	11097-69-1	140.	5.2	ug/kg	1
01501	PCB-1260	11096-82-5	26.	4.7	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 14:43	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4426898

PCB-12/04-40 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 08:25 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
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40-18 SDG#: LEC21-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	33.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	7.3	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	6.5	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	5.0	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	5.0	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	5.0	ug/kg	1
01500	PCB-1254	11097-69-1	160.	5.6	ug/kg	1
01501	PCB-1260	11096-82-5	33.	5.0	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/21/2004 15:06	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426899

PCB-12/04-39 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 08:50 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

39--6 SDG#: LEC21-09

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	34.0		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		7.3	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		6.5	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		5.0	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		5.0	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		5.0	ug/kg	1
01500	PCB-1254	11097-69-1	15.	J	5.6	ug/kg	1
01501	PCB-1260	11096-82-5	N.D.		5.0	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 16:09	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426900

PCB-12/04-39 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 08:50 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

39-18 SDG#: LEC21-10

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	41.7		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		8.2	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		7.4	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		5.7	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		5.7	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		5.7	ug/kg	1
01500	PCB-1254	11097-69-1	21.	J	6.3	ug/kg	1
01501	PCB-1260	11096-82-5	9.1	J	5.7	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 16:32	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4426901

PCB-12/04-38 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 09:15 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

38--6 SDG#: LEC21-11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	50.5	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	9.7	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	8.7	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	6.7	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	6.7	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	6.7	ug/kg	1
01500	PCB-1254	11097-69-1	65.	7.5	ug/kg	1
01501	PCB-1260	11096-82-5	64.	6.7	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 16:56	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4426902

PCB-12/04-38 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 09:15 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

38-18 SDG#: LEC21-12

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	60.4		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		12.	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		11.	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		8.3	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		8.3	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		8.3	ug/kg	1
01500	PCB-1254	11097-69-1	110.		9.3	ug/kg	1
01501	PCB-1260	11096-82-5	25.	J	8.3	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 18:06	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4426903

PCB-12/04-41 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 09:50 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

41--6 SDG#: LEC21-13

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	48.0	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	9.2	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	8.3	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	6.3	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	6.3	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	6.3	ug/kg	1
01500	PCB-1254	11097-69-1	320.	7.1	ug/kg	1
01501	PCB-1260	11096-82-5	98.	6.3	ug/kg	1
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.					

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 18:29	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426904

PCB-12/04-41 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 09:50 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

41-18 SDG#: LEC21-14

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	31.5	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	35.	ug/kg	5
01496	PCB-1221	11104-28-2	N.D.	31.	ug/kg	5
01497	PCB-1232	11141-16-5	N.D.	24.	ug/kg	5
01498	PCB-1242	53469-21-9	N.D.	24.	ug/kg	5
01499	PCB-1248	12672-29-6	N.D.	24.	ug/kg	5
01500	PCB-1254	11097-69-1	900.	27.	ug/kg	5
01501	PCB-1260	11096-82-5	150.	24.	ug/kg	5
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.					

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 18:52	Michele D Hamilton	5
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4426905

PCB-12/04-42 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 10:10 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

42--6 SDG#: LEC21-15

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	35.7		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		7.5	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		6.7	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		5.1	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		5.1	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		5.1	ug/kg	1
01500	PCB-1254	11097-69-1	14.	J	5.8	ug/kg	1
01501	PCB-1260	11096-82-5	18.	J	5.1	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 19:16	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. SW 4426906

PCB-12/04-42 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 10:10 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

42-18 SDG#: LEC21-16

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	35.0	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	7.4	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	6.6	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	5.1	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	5.1	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	5.1	ug/kg	1
01500	PCB-1254	11097-69-1	120.	5.7	ug/kg	1
01501	PCB-1260	11096-82-5	33.	5.1	ug/kg	1
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.					

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 19:39	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426907

PCB-12/04-43 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 10:25 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

43--6 SDG#: LEC21-17

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	48.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	9.4	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	8.4	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	6.4	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	6.4	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	6.4	ug/kg	1
01500	PCB-1254	11097-69-1	35.	7.2	ug/kg	1
01501	PCB-1260	11096-82-5	58.	6.4	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 20:02	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4426908

PCB-12/04-43 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 10:25 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

43-18 SDG#: LEC21-18

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	58.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		12.	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		10.	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		8.0	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		8.0	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		8.0	ug/kg	1
01500	PCB-1254	11097-69-1	11.	J	9.0	ug/kg	1
01501	PCB-1260	11096-82-5	11.	J	8.0	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 20:26	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4426909

PCB-12/04-48 6" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 10:55 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

48--6 SDG#: LEC21-19

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	18.1		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
01216	PCBs in Solids						
01495	PCB-1016	12674-11-2	N.D.		5.9	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.		5.3	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.		4.0	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.		4.0	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.		4.0	ug/kg	1
01500	PCB-1254	11097-69-1	52.		4.5	ug/kg	1
01501	PCB-1260	11096-82-5	15.	J	4.0	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 20:49	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4426910

PCB-12/04-48 18" Grab Soil Sample
Project No. 6527.08
L.E. Carpenter, NJ
Collected:12/10/2004 10:55 by EV

Account Number: 09322

Submitted: 12/11/2004 09:50
Reported: 12/22/2004 at 15:20
Discard: 01/22/2005

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

48-18 SDG#: LEC21-20*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	14.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	N.D.	5.6	ug/kg	1
01496	PCB-1221	11104-28-2	N.D.	5.0	ug/kg	1
01497	PCB-1232	11141-16-5	N.D.	3.8	ug/kg	1
01498	PCB-1242	53469-21-9	N.D.	3.8	ug/kg	1
01499	PCB-1248	12672-29-6	N.D.	3.8	ug/kg	1
01500	PCB-1254	11097-69-1	140.	4.3	ug/kg	1
01501	PCB-1260	11096-82-5	23.	3.8	ug/kg	1

State of New Jersey Lab Certification No. PA011

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/15/2004 17:51	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	12/17/2004 21:13	Michele D Hamilton	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	12/14/2004 21:30	Karen L Beyer	1

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 924585
Reported: 12/22/04 at 03:20 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 043490016A	Sample number(s): 4426891-4426910							
PCB-1016	N.D.	4.8	ug/kg	97		72-120		
PCB-1221	N.D.	4.3	ug/kg					
PCB-1232	N.D.	3.3	ug/kg					
PCB-1242	N.D.	3.3	ug/kg					
PCB-1248	N.D.	3.3	ug/kg					
PCB-1254	N.D.	3.7	ug/kg					
PCB-1260	N.D.	3.3	ug/kg	104		76-122		
Batch number: 04350820003A	Sample number(s): 4426891-4426900							
Moisture				99		99-101		
Batch number: 04350820003B	Sample number(s): 4426901-4426910							
Moisture				99		99-101		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 043490016A	Sample number(s): 4426891-4426910								
PCB-1016	99	91	45-125	9	50				
PCB-1260	100	89	32-139	9	50				
Batch number: 04350820003A	Sample number(s): 4426891-4426900								
Moisture						42.6	42.1	1	15
Batch number: 04350820003B	Sample number(s): 4426901-4426910								
Moisture						60.4	61.4	2	15

Surrogate Quality Control

Analysis Name: PCBs in Solids
Batch number: 043490016A

	Tetrachloro-m-xylene	Decachlorobiphenyl
4426891	103	149*
4426892	81	108
4426893	107	130

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 12/22/04 at 03:20 PM

Group Number: 924585

Surrogate Quality Control

4426894	78	105
4426895	79	290*
4426896	101	178*
4426897	84	105
4426898	84	106
4426899	99	107
4426900	99	107
4426901	101	111
4426902	100	108
4426903	98	163*
4426904	104	287*
4426905	100	110
4426906	101	133*
4426907	68	76
4426908	96	98
4426909	99	122
4426910	87	108
Blank	98	103
LCS	98	105
MS	100	165*
MSD	93	150*
Limits:	53-139	41-132

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Analysis Request / Environmental Services Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. # 9322 Group# 924585 Sample # 4426891-910

COC # 0075132

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: BMT, INC Acct. #:
Project Name/#: L.E. Carpenter 6527.05 PWSID #:
Project Manager: N. Clevett P.O.#:
Sampler: E. Vincke Quote #:
Name of state where samples were collected: NJ

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Matrix	Composite/Grab	Preserve Check	Preservative Added	Total # of Containers	Analyses Requested: PCB								Remarks
PCB 12/04 34	12/10	7 25	X		X		2	X								Sample taken at
PCB 12/04 36	12/10	7 40														6 & 18 inches at
PCB 12/04 35		8 00														each location.
PCB 12/04 40		8 25														
PCB 12/04 39		8 50														Analyze same
PCB 12/04 38		9 15														as november
PCB 12/04 41		9 50														samples
PCB 12/04 42		10 10														
PCB 12/04 43		10 25														1.4-1.5°C
PCB 12/04 48	12/10	10 55	X		X		2	X								

For Lab Use Only
FSC:
SCR #:

(7)
Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 616-975-5415 Fax #: 616-975-1098
E-mail address: nicholas.clevett@rentinc.com

(8)
Data Package Options (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)
SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Eric Vincke	12/10	15 30	Fed Ex		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [illegible]	12/11/04	0950

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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