

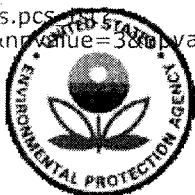
Block: 522 Prop Loc: 3301B TREMLEY PT RD Owner: CYTEC INDUSTRIES INC Square Ft: 0
 Lot: 2 District: 2009 LINDEN Street: 5 GARRET MOUNTAIN PLAZA Year Built: 0000
 Qual: Class: 1 City State: +WEST PATERSON, NJ 07424 Style:
 Additional Information
 Prior Block: Acct Num: Addl Lots: 457,17-A,19-A,20-A EPL Code: 0 0 0
 Prior Lot: Mtg Acct: Land Desc: 16.8 AC Statute:
 Prior Qual: Bank Code: 0 Bldg Desc: Initial: 000000 Further: 000000
 Updated: 08/16/01 Tax Codes: A01 Class4Cd: 0 Desc:
 Zone: Map Page: 125 Acreage: 16.8 Taxes: 33014.50 / 35296.02
 Sale Information

Sale Date: 08/05/99 Book: 4860 Page: 311 Price: 1 NU#: 6
 Sr1a Date Book Page Price NU# Ratio Grantee

TAX-LIST-HISTORY

Year	Owner Information	Land/Imp/Tot	Exemption	Assessed
2008	CYTEC INDUSTRIES INC 5 GARRET MOUNTAIN PLAZA +WEST PATERSON, NJ 07424	750500 0 750500	0	750500
2007	CYTEC INDUSTRIES INC 5 GARRET MOUNTAIN PLAZA +WEST PATERSON, NJ 07424	750500 0 750500	0	750500
2006	CYTEC INDUSTRIES INC 5 GARRET MOUNTAIN PLAZA +WEST PATERSON, NJ 07424	750500 0 750500	0	750500
2005	CYTEC INDUSTRIES INC 5 GARRET MOUNTAIN PLAZA +WEST PATERSON, NJ 07424	750500 0 750500	0	750500

5.pcs...npvalue=3&npvalue=4&npvalue=5&rvalue=12&npvalue=6&npvalue=7&npvalue=8&npvalue=9&npvalue=10&npvalue=11
 Last updated on Wednesday, January 21st, 2009.



Water Discharge Permits (PCS)

You are here: [EPA Home](#) [Envirofacts PCS](#)



PCS

Detailed Reports

Report an Error

Results are based on data extracted on JAN-14-2009

Facility

FACILITY NAME (1) :	CYTEC INDUSTRIES INC	NPDES :	NJ0122564
FACILITY NAME (2) :			
STREET 1 :	3301B TREMLEY POINT RD	SIC CODE :	2869 = INDUST. ORGANIC CHEMICALS NEC
CITY :	LINDEN	MAJOR / MINOR :	
COUNTY NAME :	UNION	TYPE OF OWNERSHIP :	PRI = PRIVATE
STATE :	NJ	INDUSTRY CLASS :	P
ZIP CODE :	07036	ACTIVITY STATUS :	A = Active
REGION :	02	INACTIVE DATE :	
LATITUDE :	+4035529	TYPE OF PERMIT ISSUED :	S = STATE
LONGITUDE :	-07412200	PERMIT ISSUED DATE :	22-MAY-2007
LAT/LON CODE OF ACCURACY :	7 = NEAREST 30 MINUTES	PERMIT EXPIRED DATE :	31-MAY-2012
LAT/LON METHOD :	1 = ADDRESS MAPPING	ORIGINAL PERMIT ISSUE DATE :	01-MAY-1994
LAT/LON SCALE :	N = NOT APPLICABLE		
LAT/LON DATUM :	2 = NAD83		
LAT/LON DESCRIPTION :	02099		
USGS HYDRO BASIN CODE :		STREAM SEGMENT :	
FLOW :		MILEAGE IND :	
RECEIVING STREAM CLASS CODE :		FEDERAL GRANT IND :	
RECEIVING WATERS :		FINAL LIMITS IND :	
PRETREATMENT CODE :			
SLUDGE			

INDICATOR :
SLUDGE RELATED
PERMIT NUM :

SLUDGE CLASS FAC IND :
ANNUAL DRY SLUDGE
PROD :

MAILING NAME : CYTEC
 INDUSTRIES
 INC

MAILING STREET (1) : PO BOX 31

MAILING STREET (2) :

MAILING CITY : LINDEN

MAILING STATE : NJ

MAILING ZIP CODE : 07036

SLUDGE
COMMERCIAL
HANDLER :

SLUDGE HANDLER
STREET (1) :

SLUDGE HANDLER STREET
(2) :

SLUDGE HANDLER
CITY :

SLUDGE HANDLER
STATE :

SLUDGE HANDLER
ZIP CODE :

COGNIZANT
OFFICIAL : JEAN ADRAGNA

COGNIZANT OFFICIAL
TEL : 908-862-6000

Permit Documents

FACILITY NAME (1) : CYTEC INDUSTRIES INC **NPDES :** NJ0122564

FACILITY NAME (2) :

No Permit Documents Found.

Permit Tracking

FACILITY NAME (1) : CYTEC INDUSTRIES
 INC

NPDES : NJ0122564

FACILITY NAME (2) :

PERMIT ISSUED BY : S = STATE

PERMIT ISSUED
DATE : 22-MAY-2007

ORIGINAL DATE OF
ISSUE : 01-MAY-1994

PERMIT EXPIRED
DATE : 31-MAY-2012

Permit Tracking Events:

EVENT CODE	EVENT DESCRIPTION	ACTUAL DATE
P5099	PERMIT EXPIRED	31-MAY-2012
P4099	PERMIT ISSUED	22-MAY-2007
P1099	APPLICATION RECEIVED	15-MAY-2007
P3099	DRAFT PERMIT/PUBLIC NOTICE	30-APR-1994

Inspections

FACILITY NAME (1) : CYTEC INDUSTRIES INC **NPDES** : NJ0122564

FACILITY NAME (2) :

No Inspections Found.

Outfalls/Pipe Schedules

FACILITY NAME (1) : CYTEC INDUSTRIES INC **NPDES** : NJ0122564

FACILITY NAME (2) :

No PCS Pipe Schedule Information Found.

Measurements and Violations

FACILITY NAME (1): CYTEC INDUSTRIES INC **NPDES** : NJ0122564

FACILITY NAME (2):

No PCS Measurements and Violations Information Found.

Enforcement Actions

FACILITY NAME (1): CYTEC INDUSTRIES INC **NPDES** : NJ0122564

FACILITY NAME (2):

No PCS Enforcement Actions Found.

Evidentiary Hearings

FACILITY NAME (1) : CYTEC INDUSTRIES INC **NPDES** : NJ0122564

FACILITY NAME (2) :

No PCS Evidentiary Hearing Information Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) : CYTEC INDUSTRIES INC **NPDES** : NJ0122564

FACILITY NAME (2) :

No PCS Pretreatment Inspections Found.

.....

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Country:

Phone:

Fax:

E-mail:

The primary industry of your company is:

Subject:

Contact Category:



You may also contact Cytec by mail:

Cytec Industries Inc.
5 Garret Mountain Plaza
West Paterson, New Jersey 07424

E-mail: custinfo@cytec.com
Phone: 973-357-3100

Comments or Questions:

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Cytec Industries Inc/DE · 10-K · For 12/31/05 · EX-21

Filed On **2/28/06 4:29pm ET** · SEC File **1-12372** · Accession Number **1157523-6-2094**

Find in this entire Filing. Show Docs searched and every "hit".
 Help... *Wildcards: ? (any letter), * (many). Logic: for Docs: & (and), | (or); for Text: | (anywhere), "(&)" (near).*

<u>As Of</u>	<u>Filer</u>	<u>Filing</u>	<u>As/For/On</u>	<u>Docs:Pgs</u>	<u>Issuer</u>	<u>Agent</u>
2/28/06	Cytec Industries Inc/DE	10-K	12/31/05	33:211		1157523

Annual Report · Form 10-K Filing Table of Contents

<u>Document/Exhibit</u>	<u>Description</u>	<u>Pages</u>	<u>Size</u>
1: 10-K	Cytec Industries Inc. 10-K	82	443K
2: EX-10.1	Exhibit 10.1(B)	4	19K
3: EX-10.1	Exhibit 10.1(C)	4	19K
4: EX-10.1	Exhibit 10.1(D)	4	20K
5: EX-10.1	Exhibit 10.1(F)	4	18K
6: EX-10.1	Exhibit 10.1(G)	4	19K
7: EX-10.2	Exhibit 10.2(A)	25	101K
8: EX-10.2	Exhibit 10.2(D) (V)	4	19K
9: EX-10.2	Exhibit 10.2(D) (Vi)	3	15K
10: EX-10.2	Exhibit 10.2(P)	1	9K
11: EX-10.3	Material Contract	5	24K
12: EX-10.4	Material Contract	3	15K
13: EX-10.5	Material Contract	3	15K
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15: EX-10.7	Material Contract	4	21K
16: EX-10.8	Material Contract	17	57K
17: EX-10.9	Material Contract	18	58K
18: EX-12	Statement re: Computation of Ratios	1	11K
19: EX-21	Subsidiaries of the Registrant	2	15K
20: EX-23	Consent of Experts or Counsel	1	10K
21: EX-24	Exhibit 24(A)	1	9K
22: EX-24	Exhibit 24(B)	1	9K
23: EX-24	Exhibit 24(C)	1	9K
24: EX-24	Exhibit 24(D)	1	9K
25: EX-24	Exhibit 24(E)	1	9K
26: EX-24	Exhibit 24(F)	1	9K
27: EX-24	Exhibit 24(G)	1	9K
28: EX-24	Exhibit 24(H)	1	9K
29: EX-24	Exhibit 24(I)	1	9K
30: EX-31.1	Certification per Sarbanes-Oxley Act (Section 302)	2±	12K
31: EX-31.2	Certification per Sarbanes-Oxley Act (Section 302)	2±	12K
32: EX-32.1	Certification per Sarbanes-Oxley Act (Section 906)	1	9K
33: EX-32.2	Certification per Sarbanes-Oxley Act (Section 906)	1	9K

EX-21 · Subsidiaries of the Registrant

EX-21	1st Page of 2	TOC	Top	Previous	Next	Bottom	Just 1st
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Exhibit 21

SUBSIDIARIES

(as of January 1, 2006)

<u>NAME</u>	<u>STATE OR COUNTRY</u> <u>OF ORGANIZATION</u>
American Materials & Technologies Corporation (The)	Delaware
Avondale Ammonia Company	Delaware
C.I.I. Luxembourg, S.a.r.l	Grand-Duchy of Luxembourg
Carteret Development LLC	Delaware
Coquimbo, SGPS LDA	Portugal
Cyquim de Colombia S.A.	Delaware
Cytec Acrylic Fibers Inc.	Delaware
Cytec Aerospace Far East Corp.	Delaware
Cytec Ammonia Inc.	Delaware
Cytec Asia/Pacific Holding Pty Limited	Australia
Cytec Australia Holdings Pty Limited	Australia
Cytec Australia Limited	Delaware
Cytec Brewster Phosphates Inc.	Delaware
Cytec Canada Inc.	Ontario
Cytec Carbon Fibers LLC	Delaware
Cytec Chile Limitada	Chile
Cytec Coordination Center BVBA	Belgium
Cytec de Argentina S.A.	Delaware
Cytec de Chile S.A.	Delaware
Cytec de Mexico S.A. de C.V.	Mexico
Cytec de Puerto Rico, Inc.	Puerto Rico
Cytec Deutschland GmbH	Germany
Cytec do Brasil Ltd.	Delaware
Cytec do Brasil Ltda.	Brazil
Cytec Engineered Materials GmbH	Germany
Cytec Engineered Materials Inc.	Delaware
Cytec Engineered Materials Limited	England
Cytec France SAS	France
Cytec Global Holdings Inc.	Delaware
Cytec Hong Kong Limited	Hong Kong
Cytec Industries (Shanghai) Company Limited	China
Cytec Industries BV	Netherlands
Cytec Industries Europe C.V.	Netherlands
Cytec Industries France S.A.R.L.	France
Cytec Industries Italia S.r.l.	Italy
Cytec Industries Pte. Ltd.	Singapore
Cytec Industries UK Limited	England
Cytec International Sales Corp.	Barbados
Cytec Italy S.R.L.	Italy
Cytec Jamaica Limited	Jamaica
Cytec Japan Limited	Delaware
Cytec Korea Inc.	Delaware
Cytec Manufacturing B.V.	Netherlands

EX-21	Last Page of 2	TOC	1st	Previous	Next	Bottom	Just 2nd
	Cytec Melamine Inc.					New Jersey	
	Cytec Methanol Inc.					Delaware	
	Cytec Netherlands (CRP) B.V.					Netherlands	
	Cytec Norge (GP) AS					Norway	
	Cytec Norge KS					Norway	
	Cytec Olean Inc.					Delaware	
	Cytec Overseas Corp.					Delaware	
	Cytec Plastics LLC					Delaware	
	Cytec Realty Corp.					Delaware	
	Cytec Surface Specialties (Shanghai) Co., Ltd.					China	
	Cytec Surface Specialties Austria GmbH					Austria	
	Cytec Surface Specialties Germany GmbH & Co KG					Germany	
	Cytec Surface Specialties Holding Germany GmbH					Germany	
	Cytec Surface Specialties Iberica S.L.					Spain	
	Cytec Surface Specialties Inc.					Delaware	
	Cytec Surface Specialties Nordic A/S					Denmark	
	Cytec Surface Specialties SA/NV					Belgium	
	Cytec Surface Specialties UK Ltd					United Kingdom	
	Cytec Taiwan Corp.					Delaware	
	Cytec Technology Corp.					Delaware	
	Cytec Trading Limited					England	
	Cytec UK Holdings Limited					England	
	D Aircraft Products, Inc.					California	
	Especialidades para Superficies Ltda.					Brazil	
	GSC Products, Inc.					Delaware	
	Holland LP I LLC					Delaware	
	IMC Mining Chemicals LLC					Delaware	
	JBC Insurance Company					Vermont	
	M.I.O. Schoonaarde N.V.					Belgium	
	Netherlands (Cytec) GP Inc.					Delaware	
	Nihon Cytec Industries Inc.					Japan	
	Piney River Recovery Corp.					Delaware	
	Quimicos Cyquim, C.A.					Venezuela	
	Rotterdam LP II Co.					Delaware	
	Stamford Labs Realty Holdings LLC					Delaware	
	Stamford Labs Realty Holdings-A LLC					Delaware	
	Stamford Labs Realty Holdings-C LLC					Delaware	
	Surface Specialties (Thailand) Ltd.					Thailand	
	Surface Specialties Canada Inc					Quebec	
	Surface Specialties Chemicals International Trading (Shanghai) Co. Ltd.					China	
	Surface Specialties Japan Co. Ltd.					Japan	
	Surface Specialties Korea Co., Ltd.					South Korea	
	Surface Specialties Malaysia Sdn. Bhd.					Malaysia	
	Surface Specialties Taiwan Ltd.					Taiwan	
	Surface Specialties Trading Malaysia Sdn. Bhd.					Malaysia	
	Vianova Resins Germany Management GmbH					Germany	
	Viking Resins Germany Holding GmbH					Germany	
	West Main & Alvord Commercial Park Association LLC					Delaware	

Dates Referenced Herein and Documents Incorporated By Reference

<u><i>This 10-K Filing</i></u>	<u><i>Date</i></u>	<u><i>Referenced-On Page</i></u>		<u><i>Other Filings</i></u>
		<u><i>First</i></u>	<u><i>Last</i></u>	
For The Period Ended	12/31/05			<u>5</u>
	1/1/06	<u>1</u>		
Filed On / Filed As Of	2/28/06			
<u>Top</u>				<u>List All Filings</u>

Filing Submission - Alternative Formats (Word / Rich Text, HTML, Plain Text, SGML, XML, et al.)

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Planning Board

Minutes for Meeting January 23, 2008

Meeting was called to order at 6:35 PM by Mr. Clarkin.

<u>Roll Call:</u>	<u>Present</u>	<u>Absent</u>	<u>Excused</u>
	Mr. D'Onofrio		
	Mr. Musi		
	Mr. Neibert		Mr. Montovani
	Mr. Diaz		
	Mr. Singh		
	Mr. Agliata		
	Mr. Vesey		
	Ms. Weissman		
	Mr. Agliata	Ms. Kenny	
		Mr. Kozak	
	Mr. DuPont		
	Mr. Clarkin		
	Ms. Keratt		

Mr. Clarkin read the Open Public Meeting Notice.

Pledge to the Flag.

Reorganization meeting appointments for:

- Chairman – Mr. Singh
- Vice Chairman – Mr. Vesey
- Secretary – Mr. Agliata
- Clerk – Mary Jane Keratt
- Attorney – Mr. Clarkin
- Engineer – Mr. DuPont

Approve minutes from meetings held November 28, 2007 and December 19, 2007.

Memorialize Resolutions:

PB-07-011	Makwinski/Rapp 23 Warren St. (B-270 L-19)	Sub Division/Variances APPROVED
PB-07-008	Aspres Construction 242-244 Randolph St. (B101 L14.02)	Sub Division/Variances APPROVED
PB-07-010	Port Reading-Carteret LLC Middlesex Avenue	Amended Site Plan/Variance APPROVED

Hearing:

Mr. Clarkin had the Board approve the 2008 meeting schedule and had Mr. Neibert and Mr. DuPont sworn in for the New Year.

Mr. Janiw, Engineer and Planner from Beacon Planning, was sworn in to testify on the four (4) items on the agenda.

Mr. Janiw started with the **Cooke Avenue Redevelopment Area Assessment**. Each Board member had a copy of the study to review. Mr. Janiw gave a brief history of the six (6) tax lots fronting Cooke Avenue which now are owned by the Borough of Carteret. Mr. Janiw showed that each of the lots in the study meet at least two (2) of the New Jersey State statutory criteria to be an area considered in need of redevelopment. Mr. Janiw presented pictures of the lots for the Board to review. The Board questioned and analyzed the testimony. Motion was made and 2nd to open to the public. No public present. Motion was made and 2nd to recommend to the Mayor and Borough Council that the six (6) lots included in the Study Area, Block 192, Lots 1, 2 and 3 and Block 202 Lots 9, 10 and 11 be designated as an area in need of redevelopment. All in favor. Motion passed.

The next item is proposed **Amendments to the West Carteret Minue Street Retail Redevelopment Area Plan**. Mr. Janiw explained the amendment was to Table 4 in the Plan item number 17. to add an additional use, to read as follows: Warehouse and distribution facilities with the provision of a retail outlet that sells products warehoused at the facility. He explained that this additional use would make the area more economically interesting to developers. Mr. Clarkin asked if the amendments are in line with the goals and objectives of the Master Plan of the Borough of Carteret. He said it would. Motion was made and 2nd to open to the public. No public present. Motion to close to the public. Mr. Clarkin explained the Motion would be for the Planning Board to recommend the adoption of the proposed amendment to the West Carteret Minue Street Retail Redevelopment Area Plan. Motion was made and 2nd. All in favor.

Next was proposed **Amendments to the Middlesex Avenue Residential Redevelopment Plan**. Mr. Janiw explained the first amendment was to section 3.2 (Plan Interpretation), to add item #5 to the list provided on page 9, as follows: 5) Provide for short-term temporary uses of land that will advance other redevelopment projects in the Borough. The second is to section 3.5 (Permitted Uses), to add a new Subsection 3.5C, to read as follows: C. Permitted uses. Limited light industrial uses may be permitted on Borough owned properties in the Middlesex Avenue Redevelopment Area provided such uses advance redevelopment efforts underway at other properties in the borough. Such uses shall be subject to the provision of adequate screening, access, and security measures designed to make such uses compatible with surrounding residential uses. Screening shall be provided through fencing and/or landscaping consistent with the approved temporary use on site. Access to a site, as well as on-site driveways, parking areas, and storage area, shall be treated with a stone base or asphalt paving. The site shall be secured through the use of fencing, guard booths, and limited lighting. Security fencing may be permitted at a height of up to eight (8) feet." Amend Section 3.7D(1) to read as follows: "1. Industrial uses of any type, except as permitted in Section 3.5C." Mr. Janiw explained that the short-term temporary uses would advance other redevelopment projects. Motion was made and 2nd to open to the public. No public present. Motion was made and 2nd to approve all in favor.

Landfill District Redevelopment - Phase 2 - Area Assessment Report. Before Mr. Janiw began Mr. Bonacore, the attorney for Carteret Development, LLC, approached the Board with his clients request for a postponement of the hearing of the Assessment Report. Mr. Clarkin explained that the hearing was conducted only for the Board to make a recommendation to the Council and not to designate the area. There was some discussion about the negotiations with Mr. Bonacore's client and A Duie Pyle. Mr. Bonacore proceeded to explain that his client wanted more time to prepare a case opposing the designation of the area in need of redevelopment. Mr. Clarkin explained to the Board that they were under no obligation to grant the postponement. Mr. Bonacore again expressed his clients request for a postponement. There was a discussion on the reasons for the request. There was a motion made and 2nd by the Board to deny the request for postponement and the hearing started. Mr. Janiw went over the report in detail that was presented to the Board

for review. The study area occupies 157.7 acres, and is comprised of 28 tax lots. All of the properties consist of vacant land, with no assessed property improvements. The study area has remained vacant for at least ten years. The study area consists of Blocks 9.02 Lot 21, Block 10 Lots 8 through 21 and Block 11.01 Lots 6 through 16, 27 and 28. The majority of the study area is owned by Carteret Development, LLC and comprises approximately 124.62 acres. Five lots out of the total 28 lots are owned by the Borough of Carteret and comprise approximately 29 acres within the study area. Titan-PDC Carteret II owns 1.89 acres. 2.15 acres is owned by Stango, LLC and is an isolated lot assessed as a vacant parcel with no formal access from a public right-of-way. The study area was evaluated in terms of the eight criteria under which property may be designated as an area in need of redevelopment. After Mr. Janiw completed his report Mr. Bonacore was given the opportunity to question Mr. Janiw. Questions and discussion carried for an hour. Mr. Clarkin asked Mr. Bonacore to direct his questions to Mr. Janiw regarding the report. There were more questions and answers and Mr. Bonacore's objections were noted. Motion was made to close to the public. Motion was made and 2nd to recommend to the Council that this study area be designated as an area in need of redevelopment. All in favor.

Mr. Clarkin read the resolutions to recommend to the Council that the Cooke Avenue Redevelopment Area Assessment, and the Landfill District Redevelopment – Phase 2 - Area Assessment be designated in need of redevelopment and the amendments to the West Carteret Minue Street Retail Redevelopment Area Plan, and the Middlesex Avenue Residential Redevelopment Plan be approved. The Board voted and memorialized the resolutions all in favor.

Motion was made and 2nd to adjourn.

NEXT REGULAR PLANNING BOARD MEETING WEDNESDAY, FEBRUARY 27, 2008

Respectfully submitted
Mary Jane Keratt
Clerk, Planning Board

Cc: Board Members
Borough Clerk / Construction
1 CD on File



Everything Jersey

The Star-Ledger

Firm sells trash-site acres for big profit

Transfer-station project in Linden was probed by state

Wednesday, October 12, 2005

BY JOE RYAN
Star-Ledger Staff

The firm that proposed building a waste transfer station in Linden has sold its land for a large profit, adding a postscript to the ill-fated deal involving a mayor's son-in-law, a state senator's law partner and New York City garbage.

Linden Marine Point Terminal sold its 50 acres on a waterfront stretch of Tremley Point on Sept. 21 for \$18.25 million to the Clayton Cos., one of New Jersey's largest concrete businesses. The company plans to build a facility for unloading cement from barges on the Arthur Kill, a spokesman said.

In 1999, Domenick Pucillo -- Mayor John Gregorio's son-in-law -- proposed a facility at the site to unload 10,000 daily tons of New York City trash and ship it out of state via rail.

Pucillo formed an investment group to buy the Tremley land. Paul Weiner, state Sen. Raymond Lesniak's law partner, became a silent investor.

The plan eventually crumbled and led to an eight-month state investigation into whether Gregorio illegally tried to help Pucillo land a multimillion-dollar deal.

The site's new owner, Clayton, is based in Lakewood and specializes in concrete, sand and building blocks. The family-owned company operates factories and retail stores in 25 locations throughout the state.

A lawyer for the company, Ross Gertner, said that Tremley's access to the Turnpike, rail lines and the deep waters of the Arthur Kill make it ideal for unloading and shipping cement, a key ingredient to concrete.

"It would be certainly a major facility that would be important to the state of New Jersey," said Gertner, who offered no details on the facility's size, cost or timeline.

City officials said Clayton had not yet approached them about the project.

"This is the first I'm hearing of it," Linden Council President Robert Bunk said, adding that he needed to learn more before commenting.

Gregorio also declined comment.

While the mayor was the focus of the lengthy state grand jury investigation into the Tremley garbage deal, he was never indicted. Gregorio was, however, fined \$2,000 in 2002 for breaking state ethics laws.

Weiner's involvement came to light in 2001, when court documents revealed he held 10 percent interest in the land, prompting questions whether his law partner, Sen. Lesniak, influenced the deal.

Pucillo said yesterday that all the investors, including Weiner, cashed out last month when the land sold after 18 months on the market.

The group bought the land in 2000 for \$8.75 million. It sold for \$18.25 million, a nearly \$10 million profit.

Joe Ryan may be reached at jryan@starledger.com or (908) 302-1508.

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Block: 10	Prop Loc: SALT MEADOW	Owner: CARTERET DEVELOPMENT LLC.	Square Ft: 0
Lot: 8	District: 1201 CARTERET	Street: 5 GARRET MOUNTAIN PLAZA	Year Built:
Qual:	Class: 1	City State: WEST PATERSON, NJ 07424	Style:
Additional Information			
Prior Block:	Acct Num:	Addl Lots:	EPL Code: 0 0 0
Prior Lot:	Mtg Acct:	Land Desc: 4.26AC.	Statute:
Prior Qual:	Bank Code: 0	Bldg Desc:	Initial: 000000 Further: 000000
Updated: 12/20/06	Tax Codes: S01 S02	Class4Cd: 0	Desc:
Zone:	Map Page: 9	Acreage: 4.26	Taxes: 5064.45 / 0.00

Sale Information			
Sale Date: 08/17/99	Book: 4683	Page: 326	Price: 1 NU#: 25
Sr1a	Date	Book	Page
			Price
			NU#
			Ratio
			Grantee

TAX-LIST-HISTORY

Year	Owner Information	Land/Imp/Tot	Exemption	Assessed
2009	CARTERET DEVELOPMENT LLC. 5 GARRET MOUNTAIN PLAZA WEST PATERSON, NJ 07424	95000 0 95000	0	95000
2008	CARTERET DEVELOPMENT LLC. 5 GARRET MOUNTAIN PLAZA WEST PATERSON, NJ 07424	95000 0 95000	0	95000
2007	CARTERET DEVELOPMENT LLC. 5 GARRET MOUNTAIN PLAZA WEST PATERSON, NJ 07424	95000 0 95000	0	95000
2006	CARTERET DEVELOPMENT LLC. 5 GARRET MOUNTAIN PLAZA WEST PATERSON, NJ 07424	95000 0 95000	0	95000

16 Records Found for District: 1201 CARTERET Data as of 01/15/09 Page: 1 [Back](#)

	Block	Lot	Qual	Location	Owner
More Info	10	3.2		SALT MEADOW	BP AMERICA INC.
More Info	10	8		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	9		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	10		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	11		SALT MEADOW	BOROUGH OF CARTERET
More Info	10	12		SALT MEADOW	CARTERET DEVELOPMENT, LLC
More Info	10	13		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	14		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	15		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	16		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	17		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	18		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	19		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	20		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	21		SALT MEADOW	CARTERET DEVELOPMENT LLC.
More Info	10	24		SALT MEADOW	BP AMERICA ERNEST & YOUNG LLP

DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

RCRA Corrective Action
Environmental Indicator (EI) RCRIS code (CA750)

Migration of Contaminated Groundwater Under Control

Facility Name: Cytec Industries Inc. Warners Plant
Facility Address: Foot of Tremley Point Road, Linden, NJ
Facility EPA ID #: NJD 002173144

1. Has all available relevant/significant information on known and reasonably suspected releases to the groundwater media, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC)), been considered in this EI determination?

X If yes - check here and continue with #2 below.

If no - re-evaluate existing data, or

if data are not available, skip to #8 and enter "IN" (more information needed) status code.

Rational: 5 SWMUs and 2AOC: (Contamination refers to constituents of potential concern COC (i.e., those that exceeded either criteria (Direct Contact Screening Criteria (DCC) and Impact to Ground Water Screening Criteria (IGWC)) in samples from zero to two feet below ground surface (BGS)).

SWMU #1 Building 69: The southern side of the building is adjacent to the Rahway River and is separated by a pile bulkhead. Underneath the building the soil was contaminated and leached to the groundwater contaminating the fill unit, and the tidal marsh unit. The groundwater flow is influenced by the tide. Contaminated soil from underneath the building migrated to the Rahway River. Sediments were found to be contaminated by Building 69.

Surface Soil of Fill Material: was contaminated with chlorobenzene, xylenes, DDT, DDD, DDE, and Thimet. Concentrations above background were detected for arsenic, chromium, copper, lead, and zinc. There were no soil detections of concern two feet below the ground surface (BGS).

Groundwater: compliance wells downgradient from Building 69 indicate that the contamination did not exceed groundwater Class III-B criteria. (See page 4 of this document).

Sediments: were contaminated with volatile organics mainly DDT, pesticides and metals, at levels above NJDEP's sediment screening criteria.

Surface water was not contaminated.

Remediation: 1. Demolition of platform underneath the building 2. Installation of steel sheet pile bulkhead, to prevent the water from slushing under the building. 3. Placement of fill under the building, 4. Capping of Sediments with concrete in Rahway River adjacent to the building.

SWMU #2 Diphenylguanidine (DPG) Waste Treatment System: This unit consisted of 2 concrete tanks in which cyanide waste water was treated with alkaline chloride.

Soil was contaminated with chlorobenzene and sodium hydroxide

Groundwater: MW (DPG-1D) at the SWMU exceeded Class III-B criteria with Chlorobenzene in 1993. Sampling results taken at the compliance wells in 1997 and 1998 showed chlorobenzene concentrations to be an order of magnitude lower than the Class III-B standards.

Remediation: excavation, stockpiling, off-site treatment and disposal. The excavated area was backfilled with certified clean backfill.

SWMU #3: Liquid Areofloats Production Area (LAP area): The LAP area had been used for the production of liquid aerofloats. The storage facility consisted of three aerofloat tanks and one cresylic acid tank, which had a rupture and spill.

Soil: was contaminated with methylene chloride, total xylenes and benzopyrene, and 2,4 dimethyl phenol. They all exceeded DCC and IGWC.

Groundwater: Monitoring wells at the SWMU (MW LAP-1 and P-7S) were contaminated with 3,4 -dimethyl phenol, 2-methyl phenol and 4-methyl phenol in 1993 and exceeded the Class II-A standards (Class III-B standards were not developed). These compounds were under detection limits in samples taken from the compliance wells (LAP-2S and LAP-2D in 1993). Sampling results taken at the compliance wells in 1997 and 1998 had slight exceedance in methylene chloride above the Class II-A standards, while Chlorobenzene contamination was one order of magnitude lower than the Class III-B standards.

Remediation: excavation, stockpiling, off-site treatment; NJDEP requires Environmental Restriction and quarterly monitoring for the first year and semiannually for the next 4 years.

SWMU #4: Laboratory Waste Sump: this unit transferred laboratory waste water from the lab to an effluent collection system.

Soil: was contaminated with mercury, toluene, Malathion/Cythion and 2,4 -dimethylphenol.

Remediation: In 1992 the sump along with the soil were removed and replaced with an above grade unit and the area was backfilled and paved.

Groundwater: MWs LWS-1 and LWS-2 were contaminated with chlorobenzene and xylene; the contamination was one and two orders of magnitude lower than groundwater Class III-B criteria.

SWMU #5: Building 132: The building was used for the production of Malathion. Toluene was used in this process. The building had a cast iron floor drain system. It collected reactor and floor drain wash water from Building 132, which was transferred to the effluent collection system for subsequent discharge into the LRSA treatment system. A leak had developed. Toluene was found but not Malathion because it had volatilized

Remediation: The cast iron floor was eliminated and any potential for further leaks was eliminated.

Groundwater: the Fill Unit was investigated and toluene was not present

2 AOC: Tile Leachfields, acid Spill Areas require NFA, since sampling indicated no contamination

Reference(s): RFI Phase I Report, and CMS Report Revised

BACKGROUND

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Definition of Migration of Contaminated Groundwater Under Control EI

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility (i.e., site-wide)).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated ground water and contaminants within groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

Duration / Applicability of EI Determinations

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

**Migration of Contaminated Groundwater Under Control
Environmental Indicator (EI) RCRIS code (CA750)**

2. Is groundwater known or reasonably suspected to be contaminated¹ above appropriately protective "levels" (i.e., applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action, anywhere at, or from, the facility?

If yes - continue after identifying key contaminants, citing appropriate "levels," and referencing supporting documentation.

- X If no - skip to #8 and enter "YE" status code, after citing appropriate "levels," and referencing supporting documentation to demonstrate that groundwater is not "contaminated."

If unknown - skip to #8 and enter "IN" status code.

Rationale: The Groundwater consists of three water bearing units . The *Saturated Surficial Fill Unit* is the top unconfined aquifer, with radial flow to Rahway River and Arthur Kill. There is tidal influence at the margins. The *Sand and Gravel Unit* is a confined aquifer, it is permeable with horizontal radial flow into the Rahway River, and the *Shallow Bedrock Unit* which consists of a mudstone layer and several siltstone layers, with flow direction flat, or vertical up and is influenced by tidal cycles. An aquiclude called the *Tidal Marsh Deposit* separates the Fill Unit from the Sand and gravel Unit. The aquiclude has a downward leakage next to Building 69 caused by the bulkhead perforations.

The Groundwater Flow: The gw flow in the saturated *Fill Unit* and the *Sand and Gravel Unit* is radial. The *Shallow Bedrock Unit* has convergent flow patterns, from south west toward north east. The secondary porosity due to fractures is responsible for a vertical upward component that recharges the Sand and Gravel Unit.

Cytec has installed monitoring wells addressing the SWMUs of which four were intended to be the background wells (Back). However based on the topographic conditions these wells are downgradient and became part of the compliance wells.

These groundwater units are monitored by twelve compliance wells . (See attached maps in this document)

Groundwater standards: The groundwater was tested for chlorine content which exceeded 3,000 mg/l chloride and the total dissolved solids (TDS) exceeded the 5,000 mg/TDS which makes the groundwater not suitable for conversion to potable uses. Therefore the groundwater is designated by NJDEP as Class III-B. The designated uses for Class III-B ground water consist of any reasonable uses for such ground water other than potable water. According to NJDEP the groundwater quality criteria for Class III-B are to be determined case by case such that: 1. Existing use of groundwater are not impaired, 2. Discharge of groundwater to surface water does not result in violation of Surface Water Quality standards, 3. Release of pollutants does not pose a threat to human health and 4. Reasonable potential for changes in hydraulic gradients would not result in contaminant migration to any classification area other than Class III-B.

For Class III-B groundwater Cytec developed site specific standards by using standard risk assessments protocols, which focus on evaluation of possible fate of residual contaminants of concern and their potential effect on receptors which may be exposed. Cytec based the risk assessments on land use, proximity of populations (nonsensitive human populations were identified), surface water use and Class III-B groundwater use.

Cytec in order to screen the contamination used GW Class II -A standards. The primary designated use for Class II-A ground water shall be potable water and conversion (through conventional water supply treatment, mixing or other similar technique) to potable water. Class II-A secondary designated uses include agricultural water and industrial water.

The groundwater standards for Class III-B developed by Cytec are 3 to 6 orders of magnitude higher than the groundwater standards for Class II-A; however the constituents of concern found in the groundwater that are above the Class II-A groundwater standards, exceed the Class II-A standards within the same order of magnitude to three orders of magnitude higher, as in the case of benzene.

Groundwater is not contaminated: GW contamination in the Fill, Sand and Gravel and Shallow Bedrock Unit are monitored by the compliance monitoring wells and the results are screened against Class II-A groundwater standards. Three subsequent years of groundwater monitoring reports (References 11, 12, and 13) containing analytical results obtained since the CMS Report indicate that the concentrations of COCs in all the compliance wells sampled are below the Class III-B standards. The contamination in the Shallow Bedrock unit does not exceed the Class II-A Standards. (See summary table attached to this document)

As approved by NJDEP, the "Results of Perimeter Groundwater Monitoring for 1996" Report (Reference 11) narrowed the constituent list for future sampling events to include:

six inorganic compounds (aluminum, arsenic, iron, lead, manganese, and sodium); and
six (VOCs) (carbon disulfide, methylene chloride, acetone, benzene, chlorobenzene, and xylenes).

References (s): Unless otherwise noted, all references are to the NJDEP-approved "Corrective Measures Study Report" (CMS Report) prepared for Cytec Industries, Inc. by Blasland, Bouck, & Lee (BBL) in July 1994. The CMS Report summarizes the findings of the three-phased Remedial Investigation (RI) process performed at the Site, explains the development of the site-specific Class III-B groundwater standards and presents remedial alternatives.

Footnotes:

"Contamination" and "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriate "levels" (appropriate for the protection of the groundwater resource and its beneficial uses).

**Migration of Contaminated Groundwater Under Control
Environmental Indicator (EI) RCRIS code (CA750)**

3. Has the migration of contaminated groundwater stabilized (such that contaminated groundwater is expected to remain within "existing area of contaminated groundwater"² as defined by the monitoring locations designated at the time of this determination)?

 X If yes - continue, after presenting or referencing the physical evidence (e.g., groundwater sampling/measurement/migration barrier data) and rationale why contaminated groundwater is expected to remain within the (horizontal or vertical) dimensions of the "existing area of groundwater contamination"².

If no (contaminated groundwater is observed or expected to migrate beyond the designated locations defining the "existing area of groundwater contamination"²) - skip to #8 and enter "NO" status code, after providing an explanation.

If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s): One year of quarterly ground water monitoring (1996) and two years of semi-annual ground water monitoring (1997 and 1998) within the three units have been completed for ten site perimeter MWs and other 2 wells previously used as background wells were sampled in 1993. Analytical results for constituents of concern (COCs) are contained in References 11 through 13. These results indicate, that the concentrations of COCs in the perimeter wells sampled, are below the Class III-B groundwater standards.

Migration of contaminants (at concentrations below Class III-B standards) vertical and horizontal within the 3 groundwater units: The 'Contamination' from the Fill Unit flows horizontally out toward the Rahway River and Arthur Kill and discharges vertically downward toward the Tidal Marsh aquiclude, from where it leaks vertically downward toward the Sand and Gravel Unit. The groundwater in the Sand and Gravel Unit flows into the Rahway River. The Shallow Bedrock Unit discharges vertically upward into the Sand and Gravel Unit. No contaminants in this unit exceed the Class II-A groundwater standards.

Migration of groundwater contaminants to surface water: Since all the SWMUs with the contaminated soils have been remediated, there is no potential for additional contamination to the groundwater derived from soil. Therefore no additional contamination will migrate from groundwater to surface water. (See page 1).

Migration of groundwater contaminants to sediments: There has been no evidence for sediment contamination from groundwater. (Remedial Action Report Building 69 and Rahway River Area Closure Certification, April 1997).

Migration of groundwater constituents is fully described in Section 3.3.2 of the Corrective Measures Study (CMS) Report.

² "Existing area of contaminated ground water" is an area (with horizontal and vertical dimensions) that has been verifiably demonstrated to contain all relevant ground water contamination for this determination, and is defined by designated (monitoring) locations proximate to the outer perimeter of "contamination" that can and will be sampled/tested in the future to physically verify that all "contaminated" ground water remains within this area, and that the further migration of "contaminated" ground water is not occurring. Reasonable allowances in the proximity of the monitoring locations are permissible to incorporate formal remedy decisions (i.e., including public participation) allowing a limited area for natural attenuation.

**Migration of Contaminated Groundwater Under Control
Environmental Indicator (EI) RCRIS code (CA750)**

4. Does "contaminated" groundwater discharge into surface water bodies?

If yes - continue after identifying potentially affected surface water bodies.

 X If no - skip to #7 (and enter a "YE" status code in #8, if #7 = yes) after providing an explanation and/or referencing documentation supporting that groundwater "contamination" does not enter surface water bodies.

If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s): Although groundwater from the site discharges into the Rahway River and the Arthur Kill (CMS Report, Section 3.6.2.1), the concentrations of the constituents of concern (COCs) are below the Class III-B groundwater standards developed for the site, therefore much lower than 10X the groundwater standards.

RFI Phase I Report, and CMS Report Revised. Unless otherwise noted, all references are NJDEP-approved "Corrective Measures Study Report" (CMS Report) prepared for Cytec Industries, Inc. by Blasland, Bouck, & Lee (BBL) in July 1994. The CMS was approved by NJDEP as communicated in a letter dated May 26, 1995. The CMS Report summarizes the findings of the three-phased Remedial Investigation (RI) process performed by BBL at the Site, explains the development of the site-specific Media Cleanup Standards.

**Migration of Contaminated Groundwater Under Control
Environmental Indicator (EI) RCRIS code (CA750)**

5. Is the discharge of "contaminated" groundwater into surface water likely to be insignificant (i.e., the maximum concentration³ of each contaminant discharging into surface water is less than 10 times their appropriate groundwater "level," and there are no other conditions (e.g., the nature, and number, of discharging contaminants, or environmental setting), which significantly increase the potential for unacceptable impacts to surface water, sediments, or eco-systems at these concentrations)?

X If yes - skip to #7 (and enter "YE" status code in #8 if #7 = yes), after documenting: 1) the maximum known or reasonably suspected concentration³ of key contaminants discharged above their groundwater "level," the value of the appropriate "level(s)," and if there is evidence that the concentrations are increasing; and 2) provide a statement of professional judgement/explanation (or reference documentation) supporting that the discharge of groundwater contaminants into the surface water is not anticipated to have unacceptable impacts to the receiving surface water, sediments, or eco-system.

If no - (the discharge of "contaminated" groundwater into surface water is potentially significant) - continue after documenting: 1) the maximum known or reasonably suspected concentration³ of each contaminant discharged above its groundwater "level," the value of the appropriate "level(s)," and if there is evidence that the concentrations are increasing; and 2) for any contaminants discharging into surface water in concentrations³ greater than 100 times their appropriate groundwater "levels," the estimated total amount (mass in kg/yr) of each of these contaminants that are being discharged (loaded) into the surface water body (at the time of the determination), and identify if there is evidence that the amount of discharging contaminants is increasing.

If unknown - enter "IN" status code in #8.

Rationale and Reference(s): Groundwater flow to surface water: The Saturated Surficial Till unit has a horizontal flow toward the Arthur Kill and Rahway River and the Sand and Gravel unit has a horizontal flow toward the Rahway River. (CMS Report, Section 3.6.2.1) The groundwater which is discharged into the surface water is not considered "contaminated" because the concentrations of COCs are less than the Class III-B groundwater site specific standards.

The attached tables present the summary of results taken from background monitoring wells in 1993 and compliance wells in 1993, 1997 and 1998. All constituent concentrations at the compliance wells are below Class III-B site specific groundwater standards. Groundwater which is discharged into the Rahway River and Arthur Kill is not considered "contaminated" because the concentrations of COCs are consistently less than the Class III-B site specific groundwater standards.

(Unless otherwise noted, all references are to the NJDEP-approved "Corrective Measures Study Report" (CMS Report) prepared for Cytec Industries, Inc. by Blasland, Bouck, & Lee (BBL) in July 1994. The CMS was approved by NJDEP as communicated in a letter dated May 26, 1995. The CMS Report summarizes the findings of the three-phased Remedial Investigation (RI) process performed by BBL at the Site, explains the development of the site-specific Class III-B standards, and presents remedial alternatives.)

³ As measured in groundwater prior to entry to the groundwater-surface water/sediment interaction (e.g., hyporheic) zone.

**Migration of Contaminated Groundwater Under Control
Environmental Indicator (EI) RCRIS code (CA750)**

6. Can the discharge of "contaminated" groundwater into surface water be shown to be "currently acceptable" (i.e., not cause impacts to surface water, sediments or eco-systems that should not be allowed to continue until a final remedy decision can be made and implemented)?

X If yes - continue after either: 1) identifying the Final Remedy decision incorporating these conditions, or other site-specific criteria (developed for the protection of the site's surface water, sediments, and eco-systems), and referencing supporting documentation demonstrating that these criteria are not exceeded by the discharging groundwater; OR 2) providing or referencing an interim-assessment, appropriate to the potential for impact, that shows the discharge of groundwater contaminants into the surface water is (in the opinion of a trained specialists, including ecologist) adequately protective of receiving surface water, sediments, and eco-systems, until such time when a full assessment and final remedy decision can be made. Factors which should be considered in the interim-assessment (where appropriate to help identify the impact associated with discharging groundwater) include: surface water body size, flow, use/classification/habitats and contaminant loading limits, other sources of surface water/sediment contamination, surface water and sediment sample results and comparisons to available and appropriate surface water and sediment "levels," as well as any other factors, such as effects on ecological receptors (e.g., via bio-assays/benthic surveys or site-specific ecological Risk Assessments), that the overseeing regulatory agency would deem appropriate for making the EI determination.

If no - (the discharge of "contaminated" groundwater can not be shown to be "currently acceptable") - skip to #8 and enter "NO" status code, after documenting the currently unacceptable impacts to the surface water body, sediments, and/or eco-systems.

If unknown - skip to 8 and enter "IN" status code.

Rationale and Reference(s): Although groundwater from the Site discharges into the Rahway River and the Arthur Kill (CMS Report, Section 3.6.2.1), the concentrations of the constituents of concern (COCs) are below the Class III-B site specific groundwater standards.

Arthur Kill and Rahway River have NJDEP's SE3 designated uses which limit potential receptors. The site specific groundwater standards were developed considering the surface water uses:

- limited uses of the surface waters (boating and recreational fishing, not swimming and edible fishing);
- upstream quality of the surface waters; and
- mixing and dilution of groundwater in the receiving surface waters.

Human consumption of certain fish and shellfish is banned in the Hudson-Raritan estuary.

Surface water examples were screened against SE3 NJDEP's surface water quality standards and were found not to be contaminated.

The sediments under Building 69 were contaminated by the leaking of waste from the basement of Building 69 and not via contaminated groundwater.

(Unless otherwise noted, all references are to the NJDEP-approved "Corrective Measures Study Report" (CMS Report) prepared for Cytec Industries, Inc. by Blasland, Bouck, & Lee (BBL) in July 1994. The CMS was approved by NJDEP as communicated in a letter dated May 26, 1995. The CMS Report summarizes the

findings of the three-phased Remedial Investigation (RI) process performed by BBL at the Site, explains the development of the site-specific Class III-B site specific standards and presents remedial alternatives.

⁴ Note, because areas of inflowing groundwater can be critical habitats (e.g., nurseries or thermal refuge) for many species, appropriate specialist (e.g., ecologist) should be included in management decisions that could eliminate these areas by significantly altering or reversing groundwater flow pathways near surface water bodies.

⁵ The understanding of the impacts of contaminated groundwater discharges into surface water bodies is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration to be reasonably certain that discharges are not causing currently unacceptable impacts to the surface waters, sediments or eco-systems.

**Migration of Contaminated Groundwater Under Control
Environmental Indicator (EI) RCRIS code (CA750)**

7. Will groundwater monitoring / measurement data (and surface water/sediment/ecological data, as necessary) be collected in the future to verify that contaminated groundwater has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area of contaminated ground water?"

- X.** If yes - continue after providing or citing documentation for planned activities or future sampling/measurement events. Specifically identify the well/measurement locations which will be tested in the future to verify the expectation (identified in #3) that groundwater contamination will not be migrating horizontally (or vertically, as necessary) beyond the "existing area of groundwater contamination."

If no - enter "NO" status code in #8.

If unknown - enter "IN" status code in #8.

Rationale and Reference(s): The NJDEP-approved "Corrective Measures Study Report (revised)" contained a plan for five years of ground water monitoring at the Site. The plan included:

- Five years of monitoring including one year of quarterly monitoring (1996) and four years of semi-annual monitoring (1997 through 2000);
- Analysis of all samples for constituents of concern (COCs), including volatile organic compounds and TAL metals; and
- Preparation of annual reports which provide a summary of the data, comparisons to appropriate criteria, and a quality assurance / quality control (QA/QC) summary.

As approved by NJDEP, the "Results of Perimeter Groundwater Monitoring for 1996" Report (Reference 11) narrowed the constituent list for future sampling events to include:

six inorganic compounds (aluminum, arsenic, iron, lead, manganese, and sodium); and
six (VOCs) (carbon disulfide, methylene chloride, acetone, benzene, chlorobenzene, and xylenes).

For each sampling event, ten compliance (perimeter) monitoring wells are identified for sampling as follows: See map with compliance (peripheral) monitoring wells attached to this document. The map has an additional 2 MWs in the Fill Unit MW-LWS-1 and MW-LWS-2. These are compliance wells that were last tested in 1993.

Hydrogeological Unit	Well Name
Fill	MW-Back-1S
	MW-Back-2S
	MW-DPG-2S
	MW-LAP-2S
Sand and Gravel	MW-Back-2D
	MW-DPG-2D
	MW-LAP-2D
Shallow Bedrock	MW-Back-2R
	MW-DPG-2R
	MW-LAP-2R

To date, the required reports for 1996, 1997, and 1998 have been submitted.

**Migration of Contaminated Groundwater Under Control
Environmental Indicator (EI) RCRIS code (CA750)**

8. Check the appropriate RCRIS status codes for the Migration of Contaminated Groundwater Under Control EI (event code CA750), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (attach appropriate supporting documentation as well as a map of the facility).

YE - Yes, "Migration of Contaminated Groundwater Under Control" has been verified. Based on a review of the information contained in this EI determination, it has been determined that the "Migration of Contaminated Groundwater" is "Under Control" at the Cytex Industries Inc. Warners Plant facility, EPA ID # NJD 002173144, located at the Foot of Tremley Road in Linden, NJ. Specifically, this determination indicates that the migration of "contaminated" groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the "existing area of contaminated groundwater" This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

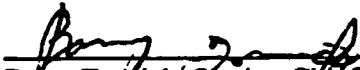
NO - Unacceptable migration of contaminated groundwater is observed or expected.

IN - More information is needed to make a determination.


Completed by: _____

Date:

Agathe Nadai, Project Manager
RCRA Programs Branch
EPA Region 2


Barry Tomnick, Section Chief
RCRA Programs Branch
EPA Region 2

Date: 9/30/99

Approved by: 
Raymond Basso, Chief
RCRA Programs Branch
EPA Region 2

Date: 9/30/99

Locations where References may be found:

The following documents have been prepared by Blasland, Bouck, & Lee for the Site:

- (1) Remedial Investigation Work Plan – Vol. 1, Vol. 2 – January 1991
- (2) Remedial Investigation Phase I Report (Revised) – August 1992
- (3) Corrective Measures Study Work Plan – July 1994
- (4) Corrective Measures Study Report – July 1994 (Revised 1995)
- (5) Data Review For Supplemental Investigation and Supplemental Corrective Measures Study Investigation – March 1995
- (6) Remedial Action Plan Addendum for Building 69 and Rahway River – March 1996
- (7) Remedial Action Report Building 69 and Rahway River Area Closure Certification – April 1997
- (8) Remedial Action Plan – July 25, 1995
- (9) Liquid Aerofloats Production Area Closure Certification – October 4, 1995
- (10) Diphenylguandine Area Closure Certification – November 9, 1995
- (11) Results of Perimeter Ground-water Monitoring for 1996 – February 27, 1997
- (12) Annual Monitoring Report for 1997 – January 15, 1998
- (13) Annual Monitoring Report for 1998 – January 25, 1999
- (14) Phase II Remedial Investigation Report (Revised) – September 1993

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CYTEC

Table I

**SUMMARY OF RESULTS OF SELECTED CONSTITUENTS OF CONCERN
COMPLIANCE WELLS (PERIMETER WELLS)**

Units UG/L

Well Id	Year	Arsenic	Lead	Methylene - chloride	Benzene	Chloro- benzene	Total Xylene
		Class II-A 8 Class III-B 16,000	Class II-A 10 Class III-B 3,825	Class II-A 2 Class III-B 218,000	Class II-A 1 Class III-B 3,200	Class II-A 4 Class III-B 47,000	Class II-A 40 Class III-B 9,000
Back-1S	1997 jan jul	bst II 20	bst II bst II	bst II bst II	bst II bst II	bst II bst II	bst II bst II
Back-1S	1998 jan jul	bst III 24	bst II 237	bst II bst II	bst II be II	bst II 35	bst II 1
Back-2S	1997 jan jul	bst II bst II	19 34	bst II bst II	bst II bst II	bst II bst II	bst II bst II
Back-2S	1998 jan jul	bst III 35	35 451	bst II bst II	bst II bst II	bst II bst II	bst II bst II ?
Back-2D	1997 jan jul	10 bst II	bst II bst II	bst II bst II	be II bst II	bst II bst II	bst II bst II
Back-2D	1998 jan jul	bst III 11	bst II 4	bst II 1	bst II bst III	bst II bst II	bst II bst II
Back-2R	1997 jan jul	bst III bst III	bst II bst II	bst II bst II	bst II bst II	bst II bst II	bst II bst II

Well Id	Year	Arsenic	Lead	Methylene - chloride	Benzene	Chloro- benzene	Total Xylene
		Class II-A 8 Class III-B 16,000	Class II-A 10 Class III-B 3,825	Class II-A 2 Class III-B 218,000	Class II-A 1 Class III-B 3,200	Class II-A 4 Class III-B 47,000	Class II-A 40 Class III-B 9,000
Back-2R	1998 jan jul	bst III bst II	bst II 8	bst II bst II	bst II bst II	bst II bst II	bst II bst II
DPG-2S	1997 jan jul	bst II bst II	bst II bst II	bst II bst II	bst II bst II	bst II bst II	bst II bst II
DPG-2S	1998 jan jul	bst III bst II	bst II 53	bst II bst II	bst II bst II	bst III bst II	bst II 3
DPG-2D	1997 jan jul	bst II bst II	bst II bst II	bst II bst II	bst II 15	12 9	82 53
DPG-2D	1998 jan jul	bst II bst II	bst II bst II	bst II bst II	2 12	bst II bst II	1 3
DPG-2R	1997 jan jul	bst II bst II	bst II bst II	1 2	bst II bst II	bst II bst II	bst II bst II
DPG-2R	1998 jan jul	bst III bst II	bst II bst II	bst II bst II	bst II 2	bst II bst II	bst II 2
LAP-2S	1997 jan jul	bst II bst II	bst II 27	bst II bst II	bst II bst II	bst II bst II	bst II bst II
LAP-2S	1998 jan jul	bst III bst II	bst II bst II	bst II 2	bst II bst II	bst II bst II	bst II bst II
LAP-2D	1997 jan jul	bst III bst III	bst II bst II	10 bst II	44 24	NA NA	14 7
LAP-2D	1998 jan jul	bst III bst II	bst II bst II	7 8	33 38	1,700 3,800	10 30

Well Id	Year	Arsenic	Lead	Methylene - chloride	Benzene	Chloro- benzene	Total Xylene
		Class II-A 8 Class III-B 16,000	Class II-A 10 Class III-B 3,825	Class II-A 2 Class III-B 218,000	Class II-A 1 Class III-B 3,200	Class II-A 4 Class III-B 47,000	Class II-A 40 Class III-B 9,000
LAP-2R	1997 jan jul	bst II bst II	bst II bst II	bst II bst II	bst II bst II	bst II bst II	bst II bst II
LAP-2R	1998 jan jul	bst III bst II	bst II bst II	bst II bst II	bst II bst II	bst II bst II	bst II bst II
LWS-1	1993	NA	NA	NA	NA	52	160
LWS-2	1993	NA	NA	NA	NA	6	4

Compliance (Perimeter) Monitoring wells:

S in Fill Unit, D in Sand and Gravel Unit, R in Shallow Bedrock Unit

bst II (below standard II), represent qualified U, J, B data which values are below applicable ClassII-A standards.

bst III (below standard III), represent qualified U, J, B data which values are below applicable ClassIII-B standards.

NA: not applicable, measurements for the other constituents are not available. The groundwater samples were only tested for the compounds that were spilled at the laboratory waste sump.

CYTEC

**Table II
SUMMARY OF RESULTS OF SELECTED CONSTITUENTS OF CONCERN
BACKGROUND WELLS**

Units UG/L

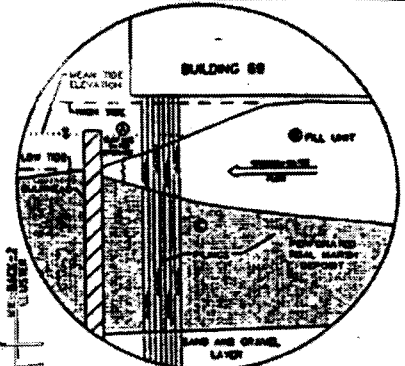
Well Id	Year	2, 4 - Dimethyl - phenol	2-Methyl- phenol	4-Methyl- phenol	Chloro- benzene	Total Xylene
		Class II-A 3,500 Class III-B	Class II-A 3,500 Class III-B	Class II-A 3,500 Class III-B	Class II-A 4 Class III-B 47,000	Class II-A 40 Class III-B 9,000
DPG-P6-S	1993	NA	NA	NA	9,300	NA
DPG-1	1993	NA	NA	NA	21,000	NA
DPG-1D	1993	NA	NA	NA	57,000	NA
LAP - 1S	1993	2,900	bst II	bst II	NA	NA
LAP - P-7S	1993	18,000	bst II	bst II	NA	NA
LAP - 3D	1993	exceeds II-A	bst II	exceeds II-A	NA	NA
LAP - 3R	1993	bst II	bst II	bst II	NA	NA

NA: not applicable, 1993 measurements for Dimethyl Phenols and Methyl Phenols are only available for the Liquid Aeroflot Production Area SWMU.

Concentrations of Di-Methyl and Methylene Compounds at the compliance wells in 1993 were all below Class II-A Standards.

NOTES FOR INSERT A

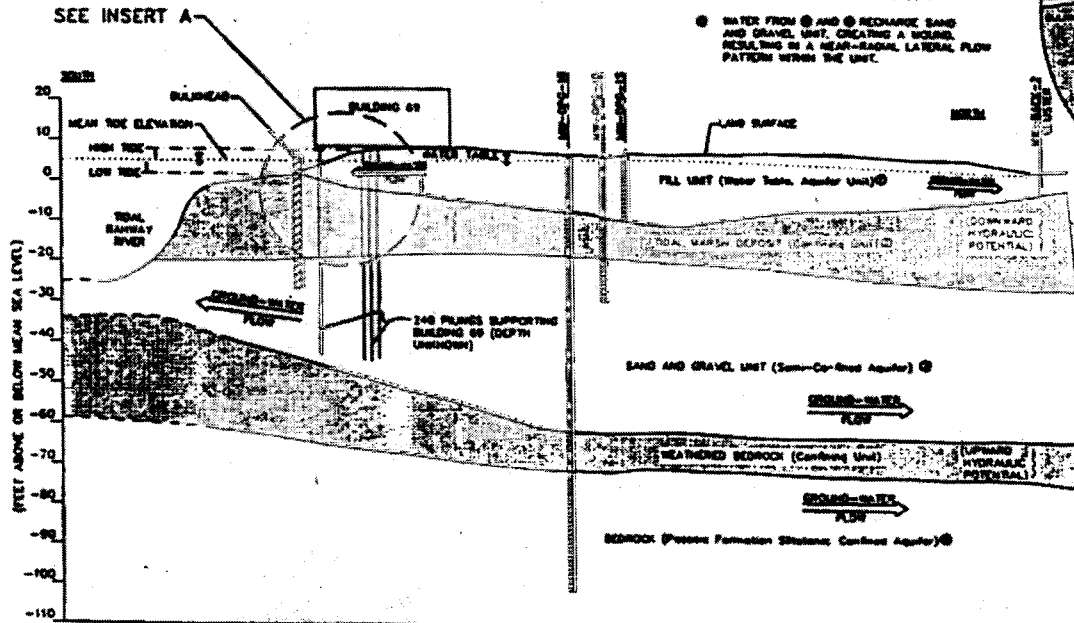
- WATER FLOW BENEATH BUILDING 89:
- ① SURFACE WATER FROM BANHWAY RIVER TOPS BUILDING AT HIGH TIDE AND FORMS STORAGE "POOLS".
 - ② LOCALIZED GROUND-WATER FLOW FROM FILL UNIT MIXES WITH ③ AND INFILTRATES PERFORATED TIDAL MARSH DEPOSIT.
 - ③ WATER FROM ② AND ④ RECHARGE SAND AND GRAVEL UNIT, CREATING A MOUND, RESULTING IN A NEAR-RADIAL LATERAL FLOW PATTERN WITHIN THE UNIT.



INSERT A
NOT TO SCALE

NOTES:

- ① FILL UNIT GROUND WATER IS INFLUENCED MINORLY BY TIDES - EFFECTS SEEN ONLY WITHIN 30 FEET OF BATTERY BARGE AND ADJACENT TIDAL MARSH DEPOSIT. FLOW IS RADIAL INWARD FROM THE COVER OF THE SITE TOWARDS THE TIDAL MARSH DEPOSIT.
- ② THE ONE-COMPONENT ORGANIC COMPOSITE UNIT IS FULLY PERMEABLE BENEATH BUILDING 89 BY SUPPORT PLATES.
- ③ SAND AND GRAVEL UNIT GROUND WATER IS SIGNIFICANTLY INFLUENCED BY TIDAL STRESS ACROSS THE SITE. THIS UNIT RECEIVES RECHARGE FROM THE OVERLIEING FILL UNIT. THE POTENTIAL FOR RECHARGE EXISTS FROM THE UNDER THE BATTERY BARGE.
- ④ BEDROCK GROUND WATER IS TRANSMISSION ALONG BEDDING-PLANE FRACTURES AND NEAR-VERTICAL JOINTS. THIS UNIT IS ALSO INFLUENCED BY PRESSURE GRADIENTS INDUCED BY TIDAL FLUCTUATIONS.
- ⑤ ALL GROUND WATER BENEATH THE SITE IS CONSIDERED IMPURABLE (HIGH TDS) AND IS CORROSION CLASS B-C.



CROSS-SECTION
NOT TO SCALE

BLASLAND, BOUCE & LEE, INC.
ENGINEERS & GEOSCIENTISTS

CYRUS INDUSTRIES INC.
WORKERS PLANT
LINDEN, NEW JERSEY

CORRECTIVE MEASURES STUDY REPORT

CONCEPTUAL GROUND-WATER MODEL/WITH CROSS-SECTION

2-2

DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

RCRA Corrective Action
Environmental Indicator (EI) RCRIS code (CA725)

Current Human Exposures Under Control

Facility Name: Cytec Industries Inc. Warners Plant
Facility Address: Foot of Tremley Point Road, Linden, NJ
Facility EPA ID #: NJD 002173144

1. Has all available relevant/significant information on known and reasonably suspected releases to soil, groundwater, surface water/sediments, and air, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC)), been considered in this EI determination?

If yes - check here and continue with #2 below.

If no - re-evaluate existing data, or

if data are not available skip to #6 and enter IN (more information needed) status code.

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Definition of Current Human Exposures Under Control EI

A positive Current Human Exposures Under Control @ EI determination (YE@ status code) indicates that there are no unacceptable human exposures to contamination (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all contaminations subject to RCRA corrective action at or from the identified facility (i.e., site-wide)).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, GPRA). The Current Human Exposures Under Control @ EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The RCRA Corrective Action programs overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

Duration / Applicability of EI Determinations

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

Rational and References: The site is located at the eastern limit of Tremley Point Road in Linden, New Jersey. The site and surrounding area have been in industrial use for the past 80 years and are expected to continue to be used as same for the foreseeable future. The site was used for chemical manufacturing until 1998. In late 1998, the chemical manufacturing operations were shut down. The following 5 SWMUs and 2 AOCs were found.

Summary of SWMUs

SWMU #1, Building 69: The southern side of the building is adjacent to the Rahway River and is separated by a pile bulkhead. The building was used for dry mixes. Floor wash water was discharged through floor drains. Although these drains were sealed in 1986, soil was contaminated and contaminants leached to the groundwater affecting the fill unit, and the tidal marsh unit.

SWMU #2, Diphenylguanidine (DPG) Waste Treatment System: This unit consisted of 2 concrete tanks in which cyanide waste water was treated with alkaline chloride. Soil was contaminated with chlorobenzene and sodium hydroxide but was excavated and required no further action.

SWMU #3, Liquid Aerofloats Production Area (LAP area): The LAP area had been used for the production of liquid aerofloats. The storage facility consisted of three aerofloat tanks and one cresylic acid tank, which had a rupture and spill.

SWMU #4, Laboratory Waste Sump: this unit transferred laboratory waste water from the lab to an effluent collection system. Soil was contaminated with mercury, toluene, malathion/cyathion and 2,4-dimethylphenol. The sump and soil were excavated, backfilled and paved and required no further action.

SWMU #5, Building 132: The building was used for the production of malathion. Toluene was used in this process. The building had a cast iron floor drain system which collected reactor and floor drain wash water. The drain leaked. The cast iron floor drain system was eliminated, the building was demolished and post removal soil sampling revealed no contamination. Therefore, no further action was required.

2 AOCs: Tile Leach fields, acid Spill Areas required no further action, since sampling indicated no contamination.

Reference(s): RFI Phase I Report 1992, and CMS Report Revised 1995.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Page 2

2. Are groundwater, soil, surface water, sediments, or air media known or reasonably suspected to be contaminated above appropriately protective risk-based levels (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	<u>Yes</u>	<u>No</u>	<u>?</u>	<u>Rationale / Key Contaminants</u>
Groundwater	--	<u>X</u>	---	<u>See "Migration of Groundwater Under Control" EI</u>
Air (indoors) ²		<u>X</u>	---	
Surface Soil (e.g., <2 ft)	<u>X</u>	---	---	<u>VOCs, Pesticides, Inorganics</u>
Surface Water		<u>X</u>	---	<u>See CMS Report (Reference 4), Sections 3.2.1.2 and 3.6.1.2</u>
Sediment	<u>X</u>	---	---	<u>VOCs, Pesticides, Inorganics</u>
Subsurf. Soil (e.g., >2 ft)	<u>X</u>	---	---	<u>VOCs, Pesticides, Inorganics</u>
Air (outdoors)	---	<u>X</u>	---	<u>See CMS Report, Section 3.3.3</u>

----- If no (for all media) - skip to #6, and enter YE status code after providing or citing appropriate levels, and referencing sufficient supporting documentation demonstrating that these levels are not exceeded.

--X-- If yes (for any media) - continue after identifying key contaminants in each contaminated medium, citing appropriate levels (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

----- If unknown (for any media) - skip to #6 and enter IN status code.

Rationale:

Surface Soil: Contaminated surface soil refers to concentrations of constituents that exceed NJDEP's Direct Contact Screening Criteria (DCSC).

SWMU #1 (Building 69)

Soil, under the building, was contaminated and leached to the groundwater, affecting the unsaturated fill unit, and the tidal marsh unit. The soil was contaminated with chlorobenzene, xylenes, DDT, DDD, DDE, and Thimet. Concentrations above background were detected for arsenic, chromium, copper, lead, and zinc. Two feet below the ground surface (BGS), contamination was not detected.

SWMU #3 (LAP Area)

Soil was contaminated with methylene chloride, total xylenes and benzopyrene, and 2-4 dimethyl phenol.

Subsurface Soil: contaminated subsurface soil refers to concentrations of constituents that exceed NJDEP's Impact to Ground Water Screening Criteria (IGWC) in samples lower than two feet below ground surface.

SWMU #3 (LAP Area): Soil was contaminated with methylene chloride, total xylenes and benzopyrene, and 2-4 dimethyl phenol.

Sediment (Rahway River):

SWMU #1 (Building 69): Rahway River sediments sampled approximately 30 feet adjacent to Building 69 were found to be contaminated above site-specific sediment criteria (SSC) for VOCs: (methylene chloride, chlorobenzene, benzene, toluene, and xylenes); pesticides or pesticide metabolites (DDT, DDD, and DDE) and inorganics (antimony, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc). SSC are presented in Table 3-16 of the CMS Report (Reference 4). Tables 3-16 and 3-17 of the CMS Report present the analytical results of sediment analyses from four samples for volatile organic compounds and pesticides (Table 3-16) and inorganic compounds (Table 3-17), which were taken from the Rahway River sediments adjacent to Building 69. A complete discussion of this topic can be found in Section 3.5.3 of the CMS Report. Additional Rahway River sediment sampling occurred as part of a supplemental Corrective Measures Study Report (Reference 5). Sections 2.2.1 and 3.1 of this document contain a complete discussion of this topic.

Groundwater :

The groundwater at Cytec was determined to be saline and therefore, not suitable for potable purposes. NJDEP designated the groundwater as Class III-B and therefore, site specific standards were developed. The compounds of concern (COCs) detected in samples taken from groundwater at the site are arsenic, lead, methylene chloride, benzene, chlorobenzene and total xylene. All are below the NJDEP Class III-B standards.

Surface Water:

NJDEP designated the Rahway River and Arthur Kill as SE3 surface water, which means that these waters are primarily used for secondary recreational purposes, such as boating and fishing. Based on this designation Cytec developed Site-Specific Media Clean up Standards (MCSs); (Section 3 of the CMS Report), which are consistent with the SE3 designation. Analytical results show that all volatiles and total metals are below MCSs.

Reference(s): Checklist for "Migration of Contaminated Groundwater Under Control" CA 750

Air (Outdoors):

As stated in Section 3.3.3 of the CMS Report, outdoor air quality is not a concern due to a high degree of air mixing in the area of the Site.

Air (Indoors):

The Johns on-Ettinger Model was used to calculate the incremental risk-based groundwater concentration on indoor air. There are few buildings left on the site and there is no groundwater data for wells in close proximity with the buildings. As a conservative assumption, we used the highest groundwater concentrations in the upper Sand and Gravel Aquifer and assumed that these concentrations were under a building. The results of the model indicated that the groundwater concentrations do not pose an unacceptable risk to the quality of the indoor air. See attached, the worst case result of running the Model.

Footnotes:

¹ "Contamination" and "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

² Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggests that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

**Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)**

3. Are there **complete pathways** between “contamination” and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential **Human Receptors** (Under Current Conditions)

Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food ³
Groundwater							
Air (indoors)							
Soil (surface, e.g., <2 ft)	N	N	N	N	N	N	N
Surface Water							
Sediment	N	N	N	N	N	N	
Soil (subsurface e.g., >2 ft)	N	N	N	N	N	N	N
Air (outdoors)							

Instruction for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not “contaminated” as identified in #2 above.
2. enter “yes” or “no” for potential “completeness” under each “Contaminated” Media – Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential “Contaminated” Media - Human Receptor combinations (Pathways) do not have check spaces (“___”). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

___X___ If no (pathways are not complete for any contaminated media-receptor combination) - skip to #6, and enter “YE” status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

_____ If yes (pathways are complete for any “Contaminated” Media - Human Receptor combination) - continue after providing supporting explanation.

_____ If unknown (for any “Contaminated” Media - Human Receptor combination) - skip to #6 and enter “IN” status code

Rationale and Reference(s):

Surface Soil:

The surface soils were remediated to NJ Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC). There is a deed restriction requiring that the use of the property remain non-residential.

Building 69: The contaminated soil under Building 69 is located under a pile supported platform at the Rahway River side of the building. The bulkhead was replaced by steel sheet piles as part of a 1996–1997 remedial action and the platform removed. The contaminated soil was covered with Pozzolanic fill and capped. These activities are fully discussed in the Remedial Action Report (RAR, Reference 7).

These measures, eliminate direct contact with the soil contamination and effectively mitigate potential transport exposure pathways, including leaching into surface waters by tidal activity.

LAP Area: The affected LAP area was capped with asphalt as part of a 1995 remedial action. An area approximately 150 feet by 160 feet was paved with continuous asphalt paving as described in the LAP Area Closure Certification. This remedy effectively mitigates potential exposure pathways, including direct contact, erosion to surface water bodies, and migration to ground water by infiltration.

Subsurface Soil:

LAP Area: The affected LAP area was capped with asphalt as part of a 1995 remedial action. An area approximately 150 feet by 160 feet was paved with continuous asphalt paving as described in the LAP Area Closure Certification

Sediments (Rahway River):

Building 69: Approximately 0.5 acre of Rahway River sediments adjacent to the Building 69 was capped as part of a 1996–1997 final remedial action. The cap consists of 2 geotextile layers with a sand layer in between. Rip-rap was placed on top of the geotextile layers. The rip-rap was designed with a lip on the perimeter to reduce water velocity and induce sedimentation. This cap is developed to immobilize contaminated sediments and thereby significantly reduce the potential for migration and exposure to human health and the environment. This corrective measure is fully discussed in the Remedial Action Report, Reference 7. Sediments outside the cap are being sampled semiannually for 5 years from 1996 to 2000.

**Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)**

Page 4

4. Can the **exposures** from any of the complete pathways identified in #3 be reasonably expected to be **significant**⁴ (i.e., potentially "unacceptable" because exposures can be reasonably expected to be: 1) greater in magnitude (intensity, frequency and/or duration) than assumed in the derivation of the acceptable "levels" (used to identify the "contamination"); or 2) the combination of exposure magnitude (perhaps even though low) and contaminant concentrations (which may be substantially above the acceptable "levels") could result in greater than acceptable risks?

X If no (exposures cannot be reasonably expected to be significant (i.e., potentially "unacceptable") for any complete exposure pathway) - skip to #6 and enter "YE" status code after explaining and/or referencing documentation justifying why the exposures (from each of the complete pathways) to "contamination" (identified in #3) are not expected to be "significant."

If yes (exposures could be reasonably expected to be "significant" (i.e., potentially "unacceptable") for any complete exposure pathway) - continue after providing a description (of each potentially "unacceptable" exposure pathway) and explaining and/or referencing documentation justifying why the exposures (from each of the remaining complete pathways) to "contamination" (identified in #3) are not expected to be "significant."

If unknown (for any complete pathway) - skip to #6 and enter "IN" status code

Rationale and Reference(s):

There are no complete pathways identified in # 3.

⁴ If there is any question on whether the identified exposures are "significant" (i.e., potentially "unacceptable") consult a human health Risk Assessment specialist with appropriate education, training and experience.

**Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)**

Page 5

5. Can the "significant" exposures (identified in #4) be shown to be within **acceptable** limits?

----- If yes (all "significant" exposures have been shown to be within acceptable limits) - continue and enter "YE" after summarizing and referencing documentation justifying why all "significant" exposures to "contamination" are within acceptable limits (e.g., a site-specific Human Health Risk Assessment).

----- If no (there are current exposures that can be reasonably expected to be "unacceptable") - continue and enter "NO" status code after providing a description of each potentially "unacceptable" exposure.

----- If unknown (for any potentially "unacceptable" exposure) - continue and enter "IN" status code

Rationale and Reference(s):

There are no "significant" exposures identified in #4.

**Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)**

Page 6

6. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA 725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

- YE** - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the **Cytec Industries Inc. Warners Plant** facility, EPA ID # **NJD 002173144**, located at the **Foot of Tremley Road in Linden, NJ** under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
- NO** - "Current Human Exposures" are NOT "Under Control"
- IN** - More information is needed to make a determination.

Locations where References may be found:

The following documents have been prepared by Blasland, Bouck, & Lee on behalf of Cytec Industries, Inc. for the Site. The documents can be found at USEPA Region 2, Division of Environmental Planning and Program, RCRA Programs Branch, New Jersey Section.

- (1) Remedial Investigation Work Plan – Vol. 1, Vol. 2 – January 1991
- (2) Remedial Investigation Phase I Report (Revised) – August 1992
- (3) Corrective Measures Study Work Plan – July 1994
- (4) Corrective Measures Study Report – July 1994 (Revised 1995)
- (5) Data Review For Supplemental Investigation and Supplemental Corrective Measures Study Investigation – March 1995
- (6) Remedial Action Plan Addendum for Building 69 and Rahway River – March 1996
- (7) Remedial Action Report Building 69 and Rahway River Area Closure Certification – April 1997
- (8) Remedial Action Plan – July 25, 1995
- (9) Liquid Aerofloats Production Area Closure Certification – October 4, 1995
- (10) Diphenylguanidine Area Closure Certification – November 9, 1995
- (11) Results of Perimeter Ground-water Monitoring for 1996 – February 27, 1997
- (12) Annual Monitoring Report for 1997 – January 15, 1998
- (13) Annual Monitoring Report for 1998 – January 25, 1999
- (14) Phase II Remedial Investigation Report (Revised) – September 1999
- (15) 9/99 EI 750 determination of Migration of Contaminated Groundwater under Control.

Contact telephone and e-mail numbers

name : Agathe Nadai
(phone #): 212-637-4174
e-mail : nadai.agathe@epa.gov

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Completed by: original signed by _____ **Date :** 08/23/00
Agathe Nadai, Project Manager
RCRA Programs Branch
EPA Region 2

original signed by _____ **Date :** 08/23/00
Barry Tornick, Section Chief
RCRA Programs Branch
EPA Region 2

Approved by: original signed by _____ **Date :** 08/23/00
Raymond Basso, Chief
RCRA Programs Branch
EPA Region 2

Attachments truncated, see facility file (MSS, 06/13/02)

Division File
NJ012246

CYTEC

CYTEC INDUSTRIES INC.
Warners Plant
P.O. Box 31
Foot of Tremley Pt. Rd.
Linden, NJ 07036
Tel: (908) 862-6000

December 28, 1998

VIA FAX

Ms. Maureen Byrne
Central Bureau of Water & Hazardous Waste Enforcement
NJ Dept. Of Environmental Protection and Energy
CN 407
Trenton, NJ 08625-0407

25

Dear Ms. Byrne

Per your request for the SPPP's for the Linden landfill and the Linden Warehouse of Cytec Industries Inc. and supporting documents the following is provided

Linden Landfill (SWG A-004998, NJ0122564):

Attached is Rev. 1 dated 12/98 for the Stormwater Pollution Prevention Plan for the Linden Landfill. Also attached is a copy of the Renewal of Authorization to Discharge Stormwater to Surface Water for this facility and a copy of the Annual Recertification (Attachment "D") for the facility.

Linden Warehouse (SWG A-007571, NJ012246):

All activity conducted by Cytec Industries at this location ceased in December 1994. The property has been leased to others. On July 2, 1996 Cytec submitted a termination request for this facility to the NJDEP, Bureau of Stormwater Permitting (copy attached). On March 6, 1996 Mr. Stephen A. Shukaitis, Environmental Specialist for the Metro Bureau of Water Compliance and Enforcement of NJDEP conducted a Compliance Evaluation Inspection of our facility. His Discharge Evaluation Report dated April 3, 1996 concluded "The facility has ceased activity at this location. All industrial activity has been discontinued. All material has been removed from the site." On April 8, 1998 Ms. Vicki Margulies of the NJDEP Bureau of Non-Point Pollution Control inspected the property for the termination of the stormwater discharge permit. She obtained the names and types of business operated on the site under the lessee at the time of her visit. She also asked that some debris be removed from the North Road culvert at the outlet point of the discharge pipes and that silt fencing be installed at all dirt piles. This work was completed by Cytec.

947160607

BBA000035

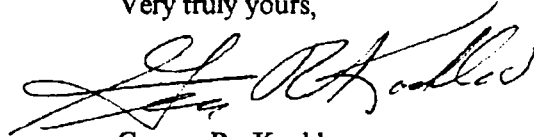
TIERRA-C-002689

The Authorization to Discharge Stormwater to Surface Water for the warehouse has been submitted while waiting for official notification the that permit has been terminated. Cytec does not maintain an SPCC plan for the warehouse since Cytec no longer conducts industrial activity at the site subject to an SPCC plan.

We would appreciate it if you would expedite this termination request.

If you need any further information please call me at 908-523-1618.

Very truly yours,



George R. Koehler
Environmental Services Manager

947160608

TIERRA-C-002690

Cytec Industries inc.

Linden Landfill

**Stormwater Pollution
Prevention Plan**

**NJPDES Permit No.
NJ0122564**

Revision 1

December 1998

947160609

TIERRA-C-002691

I. Stormwater Pollution Prevention Team Members:

Team leader: Michael Caponegro
Title: Site Project Manager
Office Phone: (908) 523-1708
Emergency Contact Phone: (732) 752-0493

Responsibilities:

Authorizes inspections and site work. Maintains records.

Member: George Koehler
Title: Environmental Services Manager
Office Phone: (908) 523-1618
Emergency Contact Phone (732) 566-7155

Responsibilities: Assists Site Project manager. Maintains records.

II. Description of Existing Environmental Management Plans:

The Linden Landfill has prepared and implemented the following plans, which are designed to prevent or control discharges of hazardous pollutants to the land, surface water or ground water:

A. Spill Prevention, Control and Countermeasures Plan

Spill control and containment structures installed to implement the above plan also provide control of source materials which could otherwise contaminate stormwater.

III. Inventory Requirements:

A. Source Materials Inventory:

The facility is a closed and capped landfill. No regular inventory of source materials are stored on site. From time to time some soil from repair work may be stored for a short time prior to removal for offsite disposal.

B. Non-Stormwater discharges:

There are no non-stormwater discharges from this site to surface water.

IV. Mapping Requirements:

Refer to Appendix A for the site map covering the facility.

V. Narrative Description of Existing Conditions:

The Linden Landfill of Cytec Industries Inc. is an inactive chemical landfill which was closed and capped in 1980. The landfill is bounded on the North and East by Piles Creek, a non navigable tidal creek flowing to the Arthur Kill, on the West by a 20 ft. wide sewer easement to the City of Linden and an adjacent Right of Way for Public Service Electric and Gas Co. and on the South by an eight foot (8') high wire fence adjacent to property leased to a warehouse facility. There is no public access to the closed landfill. The landfill is approximately 10 AC in area and consists of a gently rising slope from approximately 16' AMSL to 20' AMSL. The Cap consists of approximately one foot (1') or more of clay covered by one or more feet of soil for vegetative cover. The cover is essentially completely vegetated. The capped portion of the landfill is surrounded by a drainage ditch and on the South and West by another clay cut off trench. Storm water drainage is conducted off the site from the drainage ditch through four (4) 18" CMP culverts. The site is accessed for inspection and maintenance through a gate in the before mentioned fence to a dirt road around the landfill.

Semi Annual inspections and maintenance are conducted in the Spring and the Fall to control vegetative growth and to repair the road and cap as necessary. Additional visual inspections are conducted on a periodic basis.

VI. Best Management Plan Selection and Design:

The landfill is a closed and capped facility and no industrial activity is conducted. No BMP was prepared for the site.

VII. Evaluation Process:

The landfill is a closed and capped facility and no industrial activity is conducted. Reevaluation will be conducted if any significant changes occur.

VIII. General Plan Requirement:

- A. The required signatures are shown in attachment 3.
- B. The required certifications "C" and "D" are shown in Attachment 4.

IX. Special Requirements:

- A.. Facilities with SPCC Plans - The SPCC plan is located with the plant environmental files under the control of the plant environmental services manager.



Bureau of Nonpoint Pollution Control
Division of Water Quality
New Jersey Department of Environmental Protection
PO Box 029
Trenton, New Jersey 08625-0029
(609) 633-7021, 292-0407



**RENEWAL OF AUTHORIZATION TO DISCHARGE
 STORMWATER TO SURFACE WATER**

Facility Name: CYTEC INDUSTRIES INC		SWG: A-004998
		NJPDES #: NJ0122564
Facility Address: 3301B TREMLEY POINT RD LINDEN		Permittee Under This Authorization CYTEC INDUSTRIES 5 GARRETT MOUNTAIN PLAZA WEST PATERSON, NJ 07424
SIC Code: 2869		
Type of Industrial Activity: INDUST. ORGANIC CHEMICALS		
Owner:		Operating Entity:
Name: CYTEC INDUSTRIES INC	CYTEC INDUSTRIES	
Legal Address: 5 GARRET MOUNTAIN PLAZA WEST PATERSON. NJ 07424	5 GARRETT MOUNTAIN PLAZA WEST PATERSON, NJ 07424	

ISSUANCE DATE:	5/5/1997
EFFECTIVE DATE OF RENEWAL:	5/5/1997
EXPIRATION DATE:	1/31/2002
ORIGINAL AUTHORIZATION DATE: 6/21/94	

Your authorization under NJPDES General Permit No. NJ0088315 has been renewed by the N.J. Department of Environmental Protection.

Barry Chalofsky

Date: 5/5/1997

Barry Chalofsky, P.P., Chief
 Bureau of Nonpoint Pollution Control
 N.J. Department of Environmental Protection

New Jersey Department of Environmental Protection
Bureau of Nonpoint Pollution Control
PO Box 029
Trenton, N.J. 08625-0029



ANNUAL RECERTIFICATION ATTACHMENT "D"



Stormwater Pollution Prevention Plan (SPPP)
Implementation and Inspection Certification
Basic Industrial General Permit No. NJ0088315
(N.J.A.C. 7:14A-11 Appendix A)

SWG: A- 004998

NJPDES Permit # NJ0122564

SUBMIT THIS ANNUAL RECERTIFICATION OF COMPLIANCE IN THE SAME CALENDAR MONTH AS THE SUBMITTAL OF THE INITIAL ATTACHMENT D CERTIFICATION

"I certify under penalty of law that this Stormwater Pollution Prevention Plan Implementation and Inspection Certification and all attached documents were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate this information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering this information, the information in this Stormwater Pollution Prevention Plan Implementation and Inspection Certification and all attached documents is, to the best of my knowledge and belief, true, accurate and complete.

"I certify that the facility has been inspected to identify areas contributing to the stormwater discharge authorized under NJPDES permit No. NJ0088315 and to evaluate whether the stormwater pollution prevention plan (SPPP) prepared under that permit complies with part III.A. of that permit and is being properly implemented.

"I certify that the stormwater pollution prevention plan referred to in this Stormwater Pollution Prevention Plan Implementation and Inspection Certification has been and will continue to be fully implemented at this facility in accordance with the terms and conditions of part III of NJPDES Permit No. NJ0088315. I specifically certify that there is no exposure, during and after storm events, of industrial materials, machinery, waste products or other source materials located at the facility, to stormwater that is discharged to surface waters and regulated under that NJPDES permit (except for any incidents of non-compliance identified in the attached report). I also specifically certify that this facility does not generate and discharge, through storm sewers to surface waters, any domestic sewage, non-contact cooling water, or process waste water (including leachate and contact cooling water) other than stormwater, unless that discharge is authorized by another NJPDES permit or identified in an application (or request for authorization) submitted for another NJPDES permit.

"I also certify that this facility is not in violation of any conditions of NJPDES Permit No. NJ0088315, including requirements in part III of that permit for preparation and implementation of a stormwater pollution prevention plan, except for any incidents of noncompliance (which are noted in the attached report). For any incidents of noncompliance identified in the annual inspection (or made known to me during the course of the past year), I have attached a report identifying these

OVER

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incidents, and identifying steps taken or being taken to remedy noncompliance and to prevent such incidents from recurring. If the attached report identifies any incidents of noncompliance, I certify that any remedial or preventative steps identified therein were or will be taken in compliance with the schedule set forth in the attachment to this certification. I am aware that pursuant to the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., there are significant civil and criminal penalties for making a false statement, representation, or certification in any application, record, or other document filed or required to be maintained under that Act, including fines and/or imprisonment."

Any changes to the facility's previously submitted data prior to Annual Billing require the submission of a Standard Change Form (SCF). Late changes can also be reported on the update form provided in the Annual Billing package. The Bureau can be reached at (609) 633-7021 for questions, information and forms. DO NOT SUBMIT THE ACTUAL SPPP WITH THIS SUBMISSION. The Plan and a copy of this Certification are to remain ON SITE available for inspection.

WHO MUST SIGN?

FOR A CORPORATION: a "responsible corporate officer" or duly authorized representative. A "responsible corporate officer" is (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

FOR A PARTNERSHIP OR SOLE PROPRIETORSHIP: a general partner or the proprietor, respectively, or duly authorized representative.

FOR A MUNICIPALITY, STATE, FEDERAL OR OTHER PUBLIC AGENCY: either a principal executive officer or ranking elected official, or duly authorized representative.

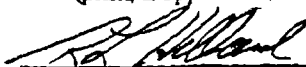
A "responsible corporate officer", general partner, proprietor, principal executive officer of a public agency, or ranking elected official may assign his or her signatory authority for this Certification to a duly authorized representative, which is a named person or generic position (e.g., plant manager, superintendent, plant engineer, operations manager, etc.) having overall responsibility for facility operation or the permittee's environmental matters, by submitting a letter to the Bureau of Nonpoint Pollution Control stating said authority and naming the person or position.

Whenever there are two or more permittees for the facility, all of those permittees shall jointly submit this Certification, unless permittees received authorization on different dates and this Certification is therefore due from them at different dates.

Facility Name: CYTEC INDUSTRIES INC. SWG: A- 004998

NJPDES # NJ0122564

(print, if applicable, name of corporation, partnership, or public agency submitting this Certification)


(signature)

11/24/98
(date)

R. L. Hillard
(print name)

If you have any questions regarding this Annual Recertification (Attachment "D") or any other stormwater related questions, please call a member of the Bureau of Nonpoint Pollution Control staff at (609) 633-7021.

Attachment D shall be submitted to the Bureau address on the front of this Certification.

ATTACHMENT D2.PUB 6/97

947160615

TIERRA-C-002697

CYTEC

CYTEC INDUSTRIES INC.
Warners Plant
P.O. Box 31
Foot of Tremley Pt. Rd.
Linden, NJ 07036
Tel: (908) 862-6000

Certified Mail
Return Receipt Requested

P 843 865 826

July 2, 1996

NJ Department of Environmental Protection
Bureau of Stormwater Permitting
CN 029
Trenton, NJ 08625-0029

RE: Cytec Industries, Linden Warehouse Facility
3301A Tremley Point Road, Linden
SWG # A-00751
ISRA Case No. 93633

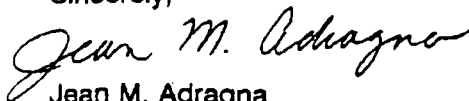
To Whom It May Concern:

Enclosed is a termination request for the Linden Warehouse Stormwater General Permit No. NJ0088315. All activity at the warehouse ceased in December 1994. Warehousing operations necessary to support the manufacturing plant, located approximately 2 miles from the Linden site were relocated to the Warners Plant in December of 1994. The materials inside the warehouse were either moved to the Warners Plant for use or disposed of in accordance with the hazardous waste regulations. We are currently planning to sell this piece of property. This site has been undergoing a DEP - Industrial Site Recovery Act (ISRA) investigation triggered by the transfer of ownership from American Cyanamid to Cytec Industries, since December of 1993. Investigation of the stormwater drainage system is being addressed under the ISRA program. The current ISRA case manager is Al Inserra.

We would like to terminate this permit before the submittal of the annual certification which is due in November.

If you have any questions or require additional information, please contact me at 908-862-6000 ext. 267.

Sincerely,



Jean M. Adragna
Env. Regulatory Services Supervisor

cc: D. Graci, Cytec
J. Jerome, Cytec

947160616



New Jersey Department of Environmental Protection
 Bureau of Stormwater Permitting
 CN-029
 Trenton, New Jersey 08625-0029



REQUEST FOR TERMINATION
 of Permit Authorization
 under NJPDES General Permit No. NJ0088315

Please complete this form if you believe that your facility's authorization under NJPDES General Permit No. NJ0088315 for a "stormwater discharge associated with industrial activity" should be terminated. When signed, send this completed form along with any supporting documentation desired to the above address
 ATTN: ASU - Termination Processing.

1. Facility Information:

RFA Number: (located on Authorization)

Name: Cytec Industries Inc. - Linden Warehouse SWG A - 007571

Street Address: 3301A Tremley Point Road
Linden, NJ 07036

Union
 (County)
22-3268660

(Federal Identification Number)

Contact Person: Jean Adragna Tele: (908) 862 - 6000 ext. 267

2. Reason why Authorization should be terminated:

- A. All the stormwater from the site is discharged to a combined sewer (one that carries sanitary wastewater and stormwater to municipal treatment plant). If so, the Combined Sewer Certification on the back of this form must be completed and signed, or other supporting documentation submitted.
- B. All the stormwater on or leaving the site soaks into the ground.
- C. The facility has an existing NJPDES permit for all of its discharges of stormwater to surface waters.
 NJPDES No. NJ _____
- D. The building housing all of the regulated industrial activity extends all the way to the property line on all sides. There is no loading dock, and there is no industrial activity occurring on the roof.
- E. All industrial activity has ceased and no "Significant Material" remains exposed to stormwater.
- F. Other: (** Attach printed or typed explanation **)

ANY REASON PROVIDED MAY BE SUBJECT TO VERIFICATION BY DEPARTMENT SITE INSPECTION

3. Signatory Information:

This form can only be signed by one of the following persons: vice president or higher in a corporation; general partner or proprietor in a partnership; principal executive officer or ranking elected official in a government or public agency, or by anyone designated to have signatory authority for one of the previously named persons. Written verification of this designation must be attached.

***** Please turn over and COMPLETE No. 4 Certification Section BEFORE mailing *****

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4. Certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Request for Termination and all attached documents, and that this Request for Termination and all attached documents were prepared by personnel under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete."

"I am aware that pursuant to the Water Pollution Control Act N.J.S.A. 58:10A-1 et seq., there are significant civil and criminal penalties for making a false statement, representation or certification in any application, record, or other document filed or required to be maintained under the Act, including fines and/or imprisonment"

[Handwritten Signature]

(Signature)

6 / 12 / 96

(Date)

Harold Porosoff

(Print Name)

V.P. Chief Technology Officer

(Title)

**CERTIFICATION OF DISCHARGE
TO A
COMBINED SEWER***

For facilities which are located within an area served by a combined sewer, the following certification must be completed by a representative from a municipal sewer or public works department, sewerage agency, or municipal engineer.

Facility Name: _____

Address: _____

Block No. _____ Lot No. _____

Municipality: _____

(Signature)

/ /
(Date)

(Print Name)

(Title)

(Name of certifying agency)

*If a signed Combined Sewer Certification and not be obtained, other supporting documentation may be submitted for Department review in lieu of the above Combined Sewer Certification.



State of New Jersey

Department of Environmental Protection

Christine Todd Whitman
Governor

Robert C. Shinn, Jr.
Commissioner

Water Compliance and Enforcement Element
Central Bureau of Water Compliance and Enforcement
PO BOX 407
Trenton, New Jersey 08625-0407
609-584-4200
FAX: 609-584-4220

DEC 31 1998

24

George Kochler
Environmental Manager
Cytec Industries Inc.
P.O. Box 31
Foot of Tremley Point Road
Linden, NJ 07036

RE: Compliance Evaluation and Assistance Inspection
Cytec Industries:
Warner Plant NJPDES No. NJ0122343 SWG #A-007599
Linden Landfill NJPDES No. NJ0122564 SWG # A-004998
Linden Warehouse NJPDES No. NJ0122246 SWG #A-007571
Stormwater general permits
Munic/County: Linden/Union County

Dear Mr. Kochler,

A Compliance Evaluation and Assistance Inspection of your facility was conducted by a representative of this Bureau on November 19, 1998.

Your Warner plant facility received a rating of "CONDITIONALLY ACCEPTABLE" for your general stormwater permit for the following deficiencies:

1. The SPPP needs to be updated to include best management practices during the remediation and demolition of the plant.

The Linden Landfill received a rating of "ACCEPTABLE".

The Linden Warehouse will not receive a rating at this time since the facility ceased industrial activity and has requested termination of the permit.

A copy of the completed inspection report forms are enclosed for your information.

The deficiencies noted above are or may result in violations of the terms and conditions of your general stormwater permit and/or the New Jersey Water Pollution Control Regulations (N.J.A.C. 7:14A-1 et seq.). You are requested to institute corrective measures.

New Jersey is an Equal Opportunity Employer
Recycled Paper

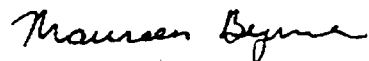
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TIERRA-C-002701

Please direct all correspondence and inquires to this writer, who can be reached at 609-584-4200,
or by letter through this Bureau.

Very truly yours,



Maureen Byrne
Principal Environmental Specialist
Central Bureau of Water Compliance
and Enforcement

c: Bureau of Stormwater Permitting

Enclosure

947160621

TIERRA-C-002702

bc: MIS/Division File – Cytec Industries:

Warner Plant NJPDES No. NJ0122343 SWG #A-007599

Linden Landfill NJPDES No. NJ0122564 SWG # A-004998

Linden Warehouse NJPDES No. NJ0122246 SWG #A-007571

Genovese/Byrne/Bureau File - Cytec Industries:

Warner Plant NJPDES No. NJ0122343 SWG #A-007599

Linden Landfill NJPDES No. NJ0122564 SWG # A-004998

Linden Warehouse NJPDES No. NJ0122246 SWG #A-007571

947160622

TIERRA-C-002703

STORMWATER DISCHARGE EVALUATION REPORT
NJPDES/DSW General Industrial Stormwater Permit
Stormwater Pollution Prevention Plan Evaluation

GENERAL INFORMATION

1. SWGA Number	A-007599	2. Permit Expiration Date	January 31, 2002
3. SIC Code	2843	4. Category	ii
5. Facility General Description	The facility closed May 1998 and is going through remediation and demolition.		
6. Permittee	Cytec Industries		
7. Location of Facility	Foot of Tremley Point Road		
8. Municipality	Linden	9. County	Middlesex
10. Receiving Waters	Arthur Kill		
11. Facility Contact(s)	George Koehler		
12. Phone Number	(908) 523-1618		

13. Violations/Deficiencies or Comments - Did the facility meet the terms and conditions set forth in N.J.A.C. 7:14A-3, Appendix A (SPPP preparation/implementation and certifications)? Was the SPPP properly prepared and implemented by the facility and does the SPPP adequately eliminate exposure of source materials (industrial materials, machinery, waste products) to stormwater?

The SPPP needs to be updated to insure elimination of exposure of source materials during the remediation and demolition of the facility.

14. RATING	<input checked="" type="checkbox"/>	ACCEPTABLE	<input type="checkbox"/>	CONDITIONALLY ACCEPTABLE	<input type="checkbox"/>	UNACCEPTABLE
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15. Evaluator	Maureen Byrne	16. Title	Principal Environmental Specialist
17. Information Furnished By (Name)	William Loguidice		
18. Title		19. Organization	Cytec Industries
20. Date of Inspection	11/19/98		

947160623

STORMWATER DISCHARGE EVALUATION REPORT
NJPDES/DSW General Industrial Stormwater Permit
Stormwater Pollution Prevention Plan Evaluation

CERTIFICATIONS

21. Date of Authorization	6/1/94
22. SPPP Preparation Cert. (Attachment C) Due Date (6 mo. from Authorization)	12/1/94
23. Date Attachment C was submitted to the Department	10/17/95
24. SPPP Implementation Cert. (Attachment D) Due Date (18 mo. From Auth.)	12/1/95
25. Date Attachment D was submitted to the Department	10/17/95

ANNUAL INSPECTION & RECERTIFICATION; SEE COVER LETTER

26. Annual Inspection Date(s)	Due one year after the implementation of the SPPP					
27. Annual Inspection Findings:						
(A) Incidents of Non-Compliance w/SPPP						
(B) Remedial Action(s)						
28. Did the facility submit their Annual Recertification (Attachment D) to the Dept?	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
29. Date(s) Annual Recertification was submitted to the Department	11/10/97					
30. Are incidents of non-compliance & remedies identified in the certification?	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A

SPPP REVIEW

31. Does the SPPP contain the following:			
(A.) Pollution Prevention Team Roster (w/ emergency phone numbers)	<input checked="" type="checkbox"/>	YES	NO
(B.) Coordination of SPPP w/ Other Existing Environmental Management Plans	<input checked="" type="checkbox"/>	YES	NO
(C.) An Inventory of <u>ALL</u> "Source Materials"	<input checked="" type="checkbox"/>	YES	NO
(D.) An Inventory of <u>ALL</u> Non-Stormwater Discharges	<input checked="" type="checkbox"/>	YES	NO
(E.) Facility Site Map as per Attachment B, Part B	<input type="checkbox"/>	YES	NO
(F.) Narrative Description of Existing Conditions as per Attachment B, Part C	<input checked="" type="checkbox"/>	YES	NO
(G.) Description of Best Management Practices as per Attachment B, Part D	<input checked="" type="checkbox"/>	YES	NO
(H.) Best Management Practices Implementation Schedule	<input type="checkbox"/>	YES	NO
1. Are the BMPs impl. dates w/in 18 months of the Authorization Date	<input type="checkbox"/>	YES	NO
(I.) Inspection Schedule as per Attachment B, Part G	<input type="checkbox"/>	YES	NO
(J.) Maintenance Schedule as per Attachment B, Part F	<input type="checkbox"/>	YES	NO
(K.) Reports summarizing each annual inspection performed	<input type="checkbox"/>	YES	NO

(STWGEN.WPD - 04/11/96)

947160624

STORMWATER DISCHARGE EVALUATION REPORT
NJPDES/DSW General Industrial Stormwater Permit
Stormwater Pollution Prevention Plan Evaluation

GENERAL INFORMATION

1. SWGA Number	A-007571	2. Permit Expiration Date	January 31, 2002
3. SIC Code	4225	4. Category	viii
5. Facility General Description	Cytec's previous warehouse. The building is now rented out to various tenants.		
6. Permittee	Cytec		
7. Location of Facility	3301A Tremley Point Road		
8. Municipality	Linden	9. County	Union
10. Receiving Waters	Arthur Kill via storm sewer		
11. Facility Contact(s)	George Koehler		
12. Phone Number	(908) 523-1618		

13. Violations/Deficiencies or Comments - Did the facility meet the terms and conditions set forth in N.J.A.C. 7:14A-3, Appendix A

(SPPP preparation/implementation and certifications)? Was the SPPP properly prepared and implemented by the facility and does the SPPP adequately eliminate exposure of source materials (industrial materials, machinery, waste products) to stormwater?
The facility requested termination of this permit on June 12, 1996 and does not have a current SPPP for this site as their industrial activity has ceased.

14. RATING	<input type="checkbox"/> ACCEPTABLE	<input type="checkbox"/> CONDITIONALLY ACCEPTABLE	<input type="checkbox"/> UNACCEPTABLE
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NO RATING

15. Evaluator	Maureen Byrne	16. Title	Principal Environmental Specialist
17. Information Furnished By (Name)	William Loguidice		
18. Title		19. Organization	Cytec
20. Date of Inspection	11/19/98		

947160625

STORMWATER DISCHARGE EVALUATION REPORT
NJPDES/DSW General Industrial Stormwater Permit
Stormwater Pollution Prevention Plan Evaluation

CERTIFICATIONS

21. Date of Authorization	6/16/94
22. SPPP Preparation Cert. (Attachment C) Due Date (6 mo. from Authorization)	12/1/94
23. Date Attachment C was submitted to the Department	10/17/95
24. SPPP Implementation Cert. (Attachment D) Due Date (18 mo. From Auth.)	12/1/95
25. Date Attachment D was submitted to the Department	10/17/95

ANNUAL INSPECTION & RECERTIFICATION; SEE COVER LETTER

26. Annual Inspection Date(s)	Due one year after the implementation of the SPPP				
27. Annual Inspection Findings:					
(A) Incidents of Non-Compliance w/SPPP					
(B) Remedial Action(s)					
28. Did the facility submit their Annual Recertification (Attachment D) to the Dept?		YES	x	NO	N/A
29. Date(s) Annual Recertification was submitted to the Department					
30. Are incidents of non-compliance & remedies identified in the certification?		YES		NO	N/A

SPPP REVIEW

31. Does the SPPP contain the following:			
(A.) Pollution Prevention Team Roster (w/ emergency phone numbers)		YES	NO
(B.) Coordination of SPPP w/ Other Existing Environmental Management Plans		YES	NO
(C.) An Inventory of <u>ALL</u> "Source Materials"		YES	NO
(D.) An Inventory of <u>ALL</u> Non-Stormwater Discharges		YES	NO
(E.) Facility Site Map as per Attachment B, Part B		YES	NO
(F.) Narrative Description of Existing Conditions as per Attachment B, Part C		YES	NO
(G.) Description of Best Management Practices as per Attachment B, Part D		YES	NO
(H.) Best Management Practices Implementation Schedule		YES	NO
1. Are the BMPs impl. dates w/in 18 months of the Authorization Date		YES	NO
(L) Inspection Schedule as per Attachment B, Part G		YES	NO
(J.) Maintenance Schedule as per Attachment B, Part F		YES	NO
(K.) Reports summarizing each annual inspection performed		YES	NO

(STWGEN.WPD - 04/11/96)

947160626

STORMWATER DISCHARGE EVALUATION REPORT
NJPDES/DSW General Industrial Stormwater Permit
Stormwater Pollution Prevention Plan Evaluation

GENERAL INFORMATION

1. SWGA Number	A-004998	2. Permit Expiration Date	January 31, 2002
3. SIC Code	2869	4. Category	ii
5. Facility General Description	Closed Landfill		
6. Permittee	Cytex Industries		
7. Location of Facility	3301B Tremley Point Road		
8. Municipality	Linden	9. County	Union
10. Receiving Waters	tributary to Arthur Kill		
11. Facility Contact(s)	George Koehler		
12. Phone Number	(908) 523-1618		

13. Violations/Deficiencies or Comments - Did the facility meet the terms and conditions set forth in N.J.A.C. 7:14A-3, Appendix A

(SPPP preparation/implementation and certifications)? Was the SPPP properly prepared and implemented by the facility and does the SPPP adequately eliminate exposure of source materials (industrial materials, machinery, waste products) to stormwater?

An SPPP was properly prepared.

14. RATING	<input checked="" type="checkbox"/>	ACCEPTABLE	<input type="checkbox"/>	CONDITIONALLY ACCEPTABLE	<input type="checkbox"/>	UNACCEPTABLE
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15. Evaluator	Maureen Byrne	16. Title	Principal Environmental Specialist
17. Information Furnished By (Name)	William Loguidice		
18. Title		19. Organization	Cytex
20. Date of Inspection	11/19/98		

947160627

STORMWATER DISCHARGE EVALUATION REPORT
NJPDES/DSW General Industrial Stormwater Permit
Stormwater Pollution Prevention Plan Evaluation

CERTIFICATIONS

21. Date of Authorization	6/1/94
22. SPPP Preparation Cert. (Attachment C) Due Date (6 mo. from Authorization)	12/1/94
23. Date Attachment C was submitted to the Department	10/17/95
24. SPPP Implementation Cert. (Attachment D) Due Date (18 mo. From Auth.)	12/1/95
25. Date Attachment D was submitted to the Department	10/17/95

ANNUAL INSPECTION & RECERTIFICATION; SEE COVER LETTER

26. Annual Inspection Date(s)	Due one year after the implementation of the SPPP				
27. Annual Inspection Findings:					
(A) Incidents of Non-Compliance w/SPPP					
(B) Remedial Action(s)					
28. Did the facility submit their Annual Recertification (Attachment D) to the Dept?	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO	N/A
29. Date(s) Annual Recertification was submitted to the Department	11/24/98				
30. Are incidents of non-compliance & remedies identified in the certification?	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO	N/A

SPPP REVIEW

31. Does the SPPP contain the following:				
(A.) Pollution Prevention Team Roster (w/ emergency phone numbers)	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(B.) Coordination of SPPP w/ Other Existing Environmental Management Plans	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(C.) An Inventory of <u>ALL</u> "Source Materials"	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(D.) An Inventory of <u>ALL</u> Non-Stormwater Discharges	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(E.) Facility Site Map as per Attachment B, Part B	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(F.) Narrative Description of Existing Conditions as per Attachment B, Part C	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(G.) Description of Best Management Practices as per Attachment B, Part D	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(H.) Best Management Practices Implementation Schedule	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
1. Are the BMPs impl. dates w/in 18 months of the Authorization Date	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(L) Inspection Schedule as per Attachment B, Part G	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(J.) Maintenance Schedule as per Attachment B, Part F	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
(K.) Reports summarizing each annual inspection performed	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO

(STWGEN.WPD - 04/11/96)

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DEED NOTICE

IN ACCORDANCE WITH N.J.S.A. 58:10B-13, THIS DOCUMENT IS TO BE RECORDED IN THE SAME MANNER AS ARE DEEDS AND OTHER INTERESTS IN REAL PROPERTY.

Prepared by:


[Signature]

Joel Jerome
[Print name below signature]



Received & Recorded Deed-1
Union County, NJ Inst# 108244 Pgs-42
5/28/2002 10:42
Joanne Rajoppi Consider. .00
County Clerk RT Fee .00
Operator AZY020K

Recorded by:

[Signature, Officer of County Recording Office]

[Print name below signature]

DEED NOTICE

This Deed Notice is made as of the _____ day of _____, by _____.

WITNESSETH:

WHEREAS, Owner is the owner in fee simple of certain real property designated as Lot 8 Block 578, on the tax map #127 of the City of Linden, Union County, New Jersey, Department of Environmental Protection Known Contaminated Site List Number NJD002173144, more particularly described on Exhibit A attached hereto and made a part hereof (the "Property"); and

WHEREAS, the lead program during the remediation was the Bureau of Case Management, NJDEP; and

WHEREAS, the New Jersey Department of Environmental Protection ("Department") approved a remedial action with an Administrative Consent Order, on September 5, 1990 and amended on August 5, 1993, and the CMS Work Plan on October 5, 1993, for the Tremley Point property, concerning the Property in which the Department has approved the use of institutional controls and/or engineering controls in accordance with N.J.S.A. 58:10B-13; and

WHEREAS, this Deed Notice itself is not intended to create any interest in real estate in favor of the Department, nor to create a lien against the Property, but merely is intended to provide record or notice of certain conditions and restrictions on the property and to reflect the regulatory and statutory obligations imposed as a condition of using institutional and/or engineering controls; and

WHEREAS, the areas described on Exhibit B attached hereto and made a part hereof (the "Affected Areas") contain contaminants above the applicable remediation standards that would allow for the unrestricted use of the Property; and

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WHEREAS, the type, concentration, and specific location of the contaminants are described on one or more diagrams, maps, and/or tables on Exhibit B attached hereto and made a part hereof; and

WHEREAS, a narrative description of all institutional controls and associated monitoring and maintenance activities are provided in Exhibit B; and

WHEREAS, a narrative description of engineering controls and associated monitoring and maintenance activities is provided in Exhibit B; and

WHEREAS, to prevent the potential for migration of the contaminants and unacceptable risk of exposure to the contamination to humans or the environment, an impermeable/ permeable surface cover is in place at the Property, at the locations shown in Exhibit C; and

WHEREAS, to prevent the potential for unacceptable exposure to the contamination to humans or the environment, a fence with warning signs is in place at the Property, at the locations shown in Exhibit C; and

WHEREAS, in accordance with the Department's approval of the remedial action work plan, and in consideration of the terms and conditions of that approval, and other good and valuable consideration, Owner has agreed to subject the Property to certain statutory and regulatory requirements which impose restrictions upon the use of the Property, and to restrict certain activities at the Property, as set forth below.

NOW, THEREFORE, Owner agrees to the conditions and restrictions listed below and hereby notifies all interested Parties, Owners, Lessees, and Operators that the applicable regulations and statutes require of each such person while owning, leasing, or operating the Property as follows:

1. RESTRICTED USES. The owner(s) of all or any fee interest in all or any portion of the Affected Areas and each operator of all or any portion of the Affected Areas shall not allow any of the following uses of the following portions of the Affected Areas:

Portion of the Affected Area	Restricted Use
The Affected Areas as identified in Exhibit B and are depicted on Figure 2.	Site use shall be restricted to non-residential uses only and pursuant to paragraphs 2 and 3, below.

2. EMERGENCIES. In the event of an emergency which presents a significant risk to public health, safety, or the environment, the application of paragraph 1, above, may be temporarily and unilaterally suspended by Owner, provided that the Owner:
 - a. Immediately notifies the Department of the emergency;
 - b. Limits both the actual disturbance and the time needed for the disturbance to the minimum reasonably necessary to adequately respond to the emergency;
 - c. Implements all measures necessary to limit actual or potential, present or future risk of exposure to humans or the environment to the residual contamination; and

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- d. Restores the Affected Areas to the pre-emergency conditions to the extent reasonably possible, and provides a report to the Department of such emergency and restoration efforts within ninety (90) calendar days after the end of the emergency.

3. ALTERATIONS, IMPROVEMENTS, AND DISTURBANCES.

- a. Except as provided in paragraph 2, above, no Owner or Operator shall make, or allow to be made, any alteration, improvement, or disturbance in, to, or about the Affected Areas which disturbs any engineering control or which creates an unacceptable risk of exposure to humans or the environment to contamination in the Affected Areas without first obtaining the express written consent of the Department. Nothing herein shall constitute a waiver of the Owner's or Operator's obligation to comply with all applicable laws and regulations.
 - b. Notwithstanding subparagraph 3(a) above, the Department's consent is not required for any alteration, improvement, or disturbance provided the Owner or Operator:
 - i. Provides for restoration of any disturbance of an engineering control to pre-disturbance conditions within sixty (60) calendar days after the initiation of the alteration, improvement or disturbance; and
 - ii. Does not allow an exposure level above those noted under Restricted Uses, provided that all applicable worker health and safety laws and regulations are followed during the alteration, improvement, or disturbance.
4. ACCESS. While this Deed Notice is in effect, the Owner agrees to allow the Department, its agents and representatives access to the property to inspect and evaluate the continued effectiveness of the institutional or engineering controls and to conduct additional remediation to ensure the protection of the public health and safety and the environment.
5. NOTICE TO LESSEES AND OTHER HOLDERS OF PROPERTY INTERESTS. Owner shall cause all leases, grants, and other written transfers of interest in the Affected Areas to contain a provision expressly requiring all holders thereof to take the Property subject to the restrictions contained herein and to comply with all, and not to violate any of the conditions of this Deed Notice. Nothing contained in this Paragraph shall be construed as limiting any obligation of Owner to provide any notice required by any law, regulation, or order of any governmental authority.
6. ENFORCEMENT OF VIOLATIONS. The restrictions provided herein may be enforceable solely by the Department against any person who violates this Deed Notice. A violation of this Deed Notice shall not affect the status of the ownership of or title to the Property. To enforce violations of this Deed Notice, the Department may initiate one or more enforcement actions pursuant to N.J.S.A. 58:10-23.11u, require additional remediation and assess damages pursuant to N.J.S.A. 58:10-23.11g.
7. SEVERABILITY. If any court of competent jurisdiction determines that any provision of this Deed Notice is invalid or unenforceable, such provision shall be deemed to have been modified automatically to conform to the requirements for validity and enforceability as

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determined by such court. In the event that the provision invalidated is of such a nature that this provision cannot be so modified, the provision shall be deemed deleted from this instrument as though it had never been included herein. In either case, the remaining provisions of this Deed Notice shall remain in full force and effect.

8. **SUCCESSORS AND ASSIGNS.** This Deed Notice shall be binding upon Owner and upon Owner's successors and assigns while each is an owner or operator of the Property, and the Department.

9. **REQUIREMENT OF NOTIFICATION.** The Owner shall notify any person who intends to excavate on the property of the nature and location of any contamination existing on the property and of any conditions or measures necessary to prevent exposure to contaminants.

10. **TERMINATION AND MODIFICATION.**

a. This Deed Notice shall terminate only upon filing of an instrument, executed by the Department, in the office of the County Clerk of Union County, New Jersey, expressly terminating this Deed Notice.

b. Any person may request in writing at any time that the Department modify or terminate this Deed Notice or initiate termination proceedings based on, for example, a proposal that the Property does not pose an unacceptable risk to public health and safety or the environment. Within ninety (90) calendar days after receiving such a request the Department will either:

i. Approve the request and have the Owner:

* Record with the office of the county recording officer a notice executed by the Department that the use of the Property is no longer restricted and the Deed Notice is terminated or record a modified Deed Notice delineating the new restrictions; and

* Provide written notice to each municipality in which the Property is located, with a copy to the Department, of the removal or change of the restrictions contained herein; or

ii. Issue a written notification of intent to deny the request pursuant to (c) below.

c. The Department will set forth in a notice of intent to deny a request to modify or terminate this Deed Notice the basis for its decision. The Owner can respond to the intent to deny by providing new or additional information or data. The Department will review any such new or additional information or data and issue a final decision to grant or deny the request within sixty (60) calendar days after the Department's receipt of the Owner's response.

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EXHIBIT A
Metes and Bounds Description of Property

The Metes and Bounds Descriptions and Property Survey, prepared by The Crest Engineering Associates Inc., presents the site's metes and bounds, and the lot and block number.

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September 24, 1998
File No. 2478 (2478-1)

Description of an area of encroachment into the Rahway River, situated in the City of Linden, Union County, New Jersey.

BEGINNING at a point along the Pier and Bulkhead Line of the Rahway River, said point being located the following two (2) courses from the intersection of the Arthur Kill and the Rahway River, and from said beginning point running:

- a. South 81° 29' 00" West along said Bulkhead, 262.97 feet to a point; thence
- b. North 55° 25' 30" West along said Bulkhead Line of Rahway River, 185.89 feet to the point and place of beginning and running thence:
 1. South 40° 53' 36" West along said Bulkhead of Rahway River, 4.02 feet to a point; thence
 2. North 61° 55' 36" West along same, 16.38 feet to a point; thence
 3. North 64° 06' 34" West along same, 12.65 feet to a point; thence
 4. North 59° 03' 19" West along same, 10.50 feet to a point; thence
 5. North 52° 03' 25" West along same, 46.36 feet to a point; thence
 6. North 56° 05' 33" West along same, 14.77 feet to a point; thence
 7. North 60° 51' 48" West along same, 24.76 feet to a point; thence
 8. North 58° 17' 26" West along same, 16.58 feet to a point; thence
 9. North 51° 30' 28" West along same, 56.10 feet to a point; thence
 10. South 30° 13' 11" West along same, 4.71 feet to a point; thence
 11. North 55° 02' 08" West along same, 280.52 feet to a point; thence

20577-0246

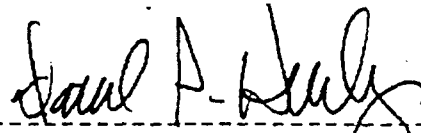
Sheet 2

N-2472

12. North 27° 27' 54" East, 7.55 feet to a point; thence
13. South 55° 25' 30" East, 478.90 feet to the point and place of beginning.

Containing 3,648 s.f., more or less.

This description was made in accordance with a map entitled, "CYTEC INDUSTRIES, INC. - WARNER PLANT - SURVEY OF PROPERTY", prepared by Crest Engineering Associates on 4/15/92 and revised through 9/23/98.



DANIEL P. HUNDLEY
N.J. P.L.S. LIC. NO. 33174

947160636-0247

EXHIBIT B
Description of Affected Areas

The Tremley Point property is situated on a 32-acre lot at the eastern limit of Tremley Point Road in Linden, New Jersey. The site is bounded to the east by the Arthur Kill; to the south by the Rahway River; and to the north and west by the Northville Oil Terminal. Figure 1 presents a Site Location Map.

A site-wide institutional deed restriction is to be maintained to address the presence of historic fill throughout the site. Additionally, the following area-specific deed restrictions are to be maintained:

- Former Building 69 footprint and S31 sampling area (Area A1);
- Rahway River armoring area (Area A2);
- Former Liquid Aerofloats Productions area (Area B);
- Former DPG Waste Treatment System area (Area C);
- Former main sub-station transformer area (Area D);
- Former power house transformer area (Area E);
- Former Building 69 transformer area (Area F);
- Former thermal oxidizer transformer area (Area G);
- Former tank area: Sampling location S22 (Area H); and
- Sampling location S40 (Area I).

Figure 2 presents the location and extent of each deed-restricted area (Areas A1 through I). Following are descriptions of each area and the basis for the deed restriction at each area.

Former Building 69 footprint and S31 Sampling Area (Area A1)

Building 69 was located on the southwestern portion of the site, adjacent to the Rahway River. The building was used for the production of oil additives, aerofloats, pesticides and pesticide intermediates, rubber compounding chemicals, and for mixing DDT dry blends.

Sampling and analysis of sediments underlying the floor slab of Building 69 were performed in 1991 and 1992. Figure 3A and Table 1A present sample locations and sample analytical results of constituents or concentrations greater than the New Jersey Department of Environmental Protection (NJDEP) Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC).

Sampling location S31 is located east of the former building 69. Sampling and analysis of that soil in that area detected 4'4-DDD and 4'4-DDE at concentrations greater than the NJDEP NRDCSCC and Impact to Groundwater SCC (IGWSCC). Figure 3B and Table 1B present sample locations and analytical results for the S31 Sampling Area. Polynuclear aromatic hydrocarbons (PAHs), total polychlorinated byphenals (PCBs), and zinc were detected in soil at concentrations greater than the NJDEP NRDCSCC. PCBs, 4'4-DDD, and 4'4-DDE were delineated to concentrations less than the NJDEP NRDCSCC and/or IGWSCC. Detections of zinc and PAHs are consistent with historic fill material and therefore did not warrant further investigation. Soil impacted with constituents at concentrations greater than the NJDEP IGWSCC (DDD and DDE) was excavated and segregated for off-site disposal. Soil impacted with constituents at concentrations greater than the NJDEP NRDCSCC (but less than the NJDEP IGWSCC) was delineated and left in place.

Existing engineering controls in this area include flowable concrete fill and crushed stone to prevent direct contact with the sediment and minimize sediment erosion.

Rahway River Armoring Area (Area A2)

The Rahway River armoring area is located in the Rahway River along the southern side of former building 69. Sampling and analysis of sediment was performed in 1991 and 1992. Figure 3A presents sampling locations.

Existing engineering controls at this area include a multi-layer sediment armor cap to prevent direct contact with the sediment and minimize sediment erosion.

Former Liquid Aerofloats Area (LAP) Area (Area B)

The Former LAP is located approximately in the center of the site. The Former LAP Building existed from 1926 to 1987, and liquid aerofloats were produced from 1939 to 1983.

Soils in the former LAP Area was sampled and analyzed in 1991 and 1992. Figure 5 and Table 3 present sampling locations and analytical results obtained at this area.

Existing engineering controls at this area include an asphalt cap to prevent direct contact exposure.

Former DPG Waste Treatment Area (Area C)

The Former DPG Waste Treatment Area is located in the western portion of the site, just north of the DPG production building. The DPG Waste Treatment Area is the location of the former DPG waste treatment system.

Sampling and analysis of soils in the DPG Waste Treatment Area was performed in 1991 and 1992. Approximately 150 tons of soil was removed from the DPG Waste Treatment Area in 1995. Post-excavation sampling was performed, and one sample had a concentration of total PCBs in excess of NJDEP NRDCSCC. A site-specific cleanup criteria (10,000 mg/kg) was developed for chlorobenzene, and all chlorobenzene detections were below this level and the NJDEP NRDCSCC. Figure 4 and Table 2 present sample locations and analytical results for the former DPG Waste Treatment Area.

Existing engineering controls at this area include concrete and crushed stone to prevent direct contact exposure.

Former Main Sub-Station Transformer Area (Area D)

The Former Main Sub-Station Transformer Area is located in the northern corner of the site. This area is approximately 60 feet by 60 feet in size and is where two transformers, two capacitors, and one oil circuit breaker with three oil pots were located on three concrete pads.

A total of 41 soil samples were collected and analyzed for PCBs at this area. PCBs were detected at concentrations greater than the NJDEP NRDCSCC but not the NJDEP IGWSSC. Figure 6 and Table 4 present sample locations and analytical results obtained at this area.

Existing engineering controls at this area include a layer of crushed stone, asphalt, and/or concrete to prevent direct contact exposure.

Former Power House Transformer Area (Area E)

The Former Power House Transformer Area is located in the northern center of the site and included two transformers located on concrete pads surrounded by concrete containment retaining walls, each containing an aboveground junction box.

Concentrations of PCBs in samples collected from this area ranged from non-detect (ND) to 9.6 mg/kg. Figure 7 presents sample locations and analytical results obtained at this area.

Existing engineering controls at this area include a layer of crushed stone, asphalt, and/or concrete to prevent direct contact exposure.

Former Building 69 Transformer Area (Area F)

The Former Building 69 Transformer Area is located north of the former Building 69 and included one transformer located on a platform. A concrete pad was located beneath the platform and transformer.

A total of 63 soil samples were collected and analyzed for PCBs. PCBs were detected at concentrations greater than the NJDEP NRDCSCC but less than the NJDEP IGWSCC. Figure 8 and Table 6 present sample locations and analytical results obtained at this area.

Existing engineering controls at this area include a layer of crushed stone to prevent direct contact exposure.

Former Thermal Oxidizer Transformer Area (Area G)

The Former Thermal Oxidizer Transformer Area is located in the southeast portion of the site and included one transformer on one concrete pad.

PCBs were detected at concentrations ranging from ND to 12 mg/kg, less than the NJDEP IGWSCC. Figure 9 and Table 7 present sample locations and analytical results obtained at this area.

Existing engineering controls at this area include a layer of crushed stone to prevent direct contact exposure.

Former Tank Area: Sampling Location S22 (Area H)

Sampling location S22 is located at a former acrylamide processing and storage area in the north-central portion of the site.

PCBs were detected at concentrations greater than the NJDEP NRDCSCC but less than the NJDEP IGWSCC. Total xylenes were detected at concentration greater than the NJDEP IGWSCC but below the site-specific MCS. Figure 10 and Table 8 present sample locations and analytical results obtained at this area.

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Existing engineering controls at this area include a layer of crushed stone and/or concrete to prevent direct contact exposure.

Sampling Location S40 (Area I)

Sampling location S40 is located in the eastern corner of the property and south of the former alum processing area (three-wall structure).

PCBs were detected at concentrations greater than the NJDEP NRDCSCC and the NJDEP IGWSCC. Soil with PCBs detected at concentrations greater than the NJDEP IGWSCC was excavated and disposed of off-site. Total xylenes were detected at concentrations greater than the NJDEP IGWSCC but less than the site-specific cleanup criteria. Figure 10 and Table 8 present sample locations and analytical results obtained at this area.

Existing engineering controls at this area include a layer of crushed stone and/or concrete to prevent direct contact exposure.

EXHIBIT C

The remedial actions consist of the following measures to prevent direct contact with the soil:

- *Existing engineering control over the contaminated soil*

Currently, the majority of the property is covered with non-soil material including asphalt paving, concrete slabs, and crushed stones. Figure 2 presents and describes the engineering controls in place at each deed-restricted area. The Former Building 69 Area is covered with a low-density flowable concrete cap, and the S31 Sampling Area is covered with gravel. The Rahway River Area is covered by a multi-layer sediment armor cap. The Former LAP Area is covered by an asphalt cap. The former transformer areas and the remainder of the site are covered with crushed stone, concrete, asphalt, buildings, or crushed stones. The cover will be maintained to limit the potential for direct contact with soil or migration of the soil via erosion or dust. The site will be monitored annually to ensure that the cover remains over the impacted soil. The frequency of inspection will be adjusted as needed.

- *Restrict access to the facility*

Access to the facility is restricted. The southern boundary of the property borders the Arthur Kill, the western boundary borders the Rahway River, and the remaining two sides are surrounded by a fence and gates with warning signs that are clearly visible. The site will be monitored to ensure that the integrity of the fence is maintained.

- *Maintenance and Modifications of Engineering Controls Based on Land Use*

Engineering controls shall be maintained and/or modified to comply with New Jersey land use restrictions site wide and/or the Toxic Substance Control Act at areas where PCBs are present in soil/fill at concentrations greater than PCBs unrestricted soil cleanup criteria. Modifications to engineering controls must be evaluated and implemented if land use and/or occupancy increases from current use. Modifications to engineering controls must be approved by NJDEP prior to implementation.

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EXHIBIT D

Figure 1 is the United States Geological Survey Quadrangle map where the site is located with the site identified.

Figure 2 identifies roads in the vicinity of the site and includes as-built diagrams of major surface topological features such as buildings, roads, and parking lots. This figure also includes descriptions of engineering controls with shaded areas to distinguish the limits of the proposed deed restrictions.

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TIERRA-C-002721

Table 1A
 Former Building 89 Area: Analytical Results
 Deed Notice
 Cytel Industries Inc., Former Warners Plant
 Linden, New Jersey

3BL Sample ID Laboratory Sample ID Depth Sampled (ft. bgs.)	NRDCSCC	IGWSSC	SD-69-6A (I)	SD-69-1BDL* (I)	SD-69-3BDL* (I)	SD-69-6BDL* (I)	SD-69-1CDL* (I)	SD-69-3CDL* (I)	SD-69-6CDL (I)	SD-69-13A2 (II) 22096002 0-6
Semivolatile										
benzo(a)anthracene	4	500	-	U	2.8J	3.5J	U	2.6J	U	-
benzo(a)pyrene	0.86	100	-	U	0.77J	3.4J	U	U	2.4J	-
Pesticides										
1'-DDE	9	500	11DB	7.600DB	6CB	33DB	17,000DB	21DB	0.96DB	-
1'-DDD	12	50	-	-	-	-	-	-	-	-
1'-DDE	9	50	-	-	-	-	-	-	-	-
Metals										
Arsenic	20	NE	-	-	-	-	-	-	-	127
Beryllium	2	NE	-	-	-	-	-	-	-	1.5
Copper	600	NE	-	-	-	-	-	-	-	935
Lead	600	NE	-	-	-	-	-	-	-	1020
Zinc	1500	NE	-	-	-	-	-	-	-	1460

Notes:
 J - Not detected.
 DB - Indicates analyte was detected in the associated method blank.
 NE - Not established.
 * - Not analyzed for.
 3 - Indicates compound was identified in an analysis at a secondary dilution.
 J - Result is less than specified quantification limit, but greater than zero.
 Concentration given is an approximate value.
 J - Not detected.
 NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
 IGWSSC - Impact to Ground-Water Soil Cleanup Criteria.
 Bold font indicates concentration greater than NRDCSCC.
 Italic font indicates concentration greater than IGWSSC.

Table 1A (continued)
 Former Building 69 Area: Analytical Results
 Deed Notice
 Cytex Industries Inc., Former Warmers Plant
 Linden, New Jersey

BBL Sample ID Laboratory Sample ID Depth Sampled (ft. bgs.)	NRDCSCC	IGWSCC	SD69-27(II) 22096001 0-6	SD69-BA (II) 22095001 0-6	SD69-9A (II) 22095003 0-6	SD69-10A (II) 22095005 0-6	SD69-10B (II) 22095006 12-18	SD-69-13A (II) 22039001 0-6	SD-69-13ADL (II) 2203900DL 0-6
Pesticides									
4'-DDT	8	500	-	11	820	9200	1500	39B	140U
4'-DDD	12	50	-	19	144U	1800	110	1400BE	570BD
4'-DDE	9	50	-	2.4	144U	1680U	324U	14	140U
Metals									
Arsenic	20	NE	193	-	-	-	-	-	-
Beryllium	2	NE	1.7	-	-	-	-	-	-
Copper	600	NE	8020	-	-	-	-	-	-
Lead	600	NE	1510	-	-	-	-	-	-
Zinc	1500	NE	2040	-	-	-	-	-	-

Notes:

Units in mg/kg.

NE - Not established.

- - Not analyzed for.

B - Indicates analyte was detected in the associated method blank.

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

J - Result is less than specified quantitation limit, but greater than zero.

Concentration given is an approximate value.

U - Not detected.

NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.

IGWSCC - Impact to Ground-Water Soil Cleanup Criteria.

Bold font indicates concentration greater than NRDCSCC.

Italic font indicates concentration greater than IGWSCC.

Table 1A (continued)
 Former Building 69 Area: Analytical Results
 Deed Notice
 Cytex Industries Inc., Former Warners Plant
 Linden, New Jersey

3BL Sample ID Laboratory Sample ID Depth Sampled (ft. bgs.)	SD-69-14A (II) 22039003 10-16	SD-69-14ADL (II) 22039003DL 10-16	SD-69-17A (II) 22040005 4-10	SD-69-17A (II) 22040004-DILN 4-10	SD-69-17B (II) 22040006 18-20	SD-69-18A (II) 22060001 0-6	SD-69-18A DL (II) 22060001 0-6
Pesticides							
1'-DDT	6.5B 500	4.7U 30B	38 4	35 4.3	24000B 240JB	5.5 55E	6.3U 26BD
1'-DDD	370BE 50	4.4J	0.0136U	0.136U	1200U	3.1	6.3U
1'-DDE	67 50						

Notes:

Units in mg/kg.

NE - Not established.

-* - Not analyzed for.

3 - Indicates analyte was detected in the associated method blank.

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

1 - Result is less than specified quantitation limit, but greater than zero.

Concentration given is an approximate value.

J - Not detected.

NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.

GWSCC - Impact to Ground-Water Soil Cleanup Criteria.

bold font indicates concentration greater than NRDCSCC.

italic font indicates concentration greater than GWSCC.

Table 1B
Former Building 68 Area - Analytical Results
Deed Notice
Cylec Industries Inc., Former Warners Plant
Linden, New Jersey

Sample ID Priority Sample ID Sampled (ft. bgs.) Sampled	S-31		S-31-A		S-31-B		S-31-C		S-31-D		
	215845 5.5 - 6.0 07/05/2000	215855 6.5 - 6.0 07/05/2000	215858 1.5 - 2.0 07/05/2000	221581 3.5 - 4.0 08/04/2000	221582 5.5 - 6.0 08/04/2000	215859 0 - 0.5 07/05/2000	221579 3.5 - 4.0 08/04/2000	215883 0 - 0.6 07/05/2000	221584 0 - 0.5 08/04/2000	221589 0 - 0.5 08/04/2000	221587 5.5 - 6.0 08/04/2000
Pesticides											
DDD	12	50									
DDE	9	50									
DOT	9	500									
irn	0.18	50									
oxychlor	5200	50									
Chlorinated Biphenyls (PCBs)											
lor-1242	2	50	43	3.7	ND	0.45	2.95	16.1	4.2	10.6	2.8
lor-1246	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
lor-1254	NE	NE	17	3.7	ND	0.1	0.350	7.6	2	4.1	1.4
lor-1260	NE	NE	28	ND	ND	0.18 P	ND	8.5	2.2	8.4	1.4
lor-1262	NE	NE	ND	ND	ND	ND	1.2	ND	ND	ND	ND
lor-1268	NE	NE	ND	ND	ND	ND	1.4	ND	ND	ND	ND
Miscellaneous											
ids	NE	NE									

k. in mg/kg.
 Not detected.
 Not established.
 NE percent difference between the dust concentrations is greater than 40%.
 ND analyzed for.
 result is less than specified quantitation limit, but greater than zero.
 Concentration given is an approximate value.
 CSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
 SCC - Impact to Ground-Water Soil Cleanup Criteria.
 ed font indicates concentration greater than NRDCSCC.
 s font indicates concentration greater than IGWSCC.

Table 1B (continued)
 Former Building 6B Area: Analytical Results
 Deep Nuclei
 Cytac Industries Inc., Former Warners Plant
 Linden, New Jersey

3L Sample ID Laboratory Sample ID Depth Sampled (ft. bgs.) Date Sampled	NRDCSCC	IGWSCC	S31-1		S31-2		S31-3		S31-4		S31-5		S31-6		S31-7		S31-06/1		S31-06/2	
			AB06869	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870	AB06870
			0-0.5	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	0-0.5	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	0.0-0.5	0.0-0.5	0.0-0.5
			06/04/2000	05/01/2000	05/01/2000	05/01/2000	05/01/2000	05/01/2000	05/01/2000	05/01/2000	05/01/2000	05/01/2000	07/05/2000	05/01/2000	05/01/2000	05/01/2000	05/01/2000	12/14/2000	12/14/2000	12/14/2000
Pesticides																				
4'-DDD	12	50	5.6	37	3.1	0.88	9	0	0	0	0	0		3.3	3.9					
4'-DDE	9	50	0.44	ND	1.4	0.18	4.1	ND	ND	ND	ND	ND		0.86	1.1					
4'-DDT	9	500	ND	2.3	3.3	0.81	19	ND	ND	ND	ND	ND		0.67	2.2					
ekdln	0.16	50	ND	3.8	0.5	ND	ND	ND	ND	ND	ND	ND		ND	ND					
ethoxychlor	5200	50	ND	ND	ND	0.85	ND	ND	ND	ND	ND	ND		ND	2.2					
Polychlorinated Biphenyls (PCBs)																				
total PCBs	2	50	1.1	4.8	1.4	ND	ND	ND	ND	ND	ND	ND		8.8	2.1					
octor-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND					
octor-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		7	ND					
octor-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND					
octor-1260	NE	NE	1.1	4.6	1.4	ND	ND	ND	ND	ND	ND	ND		1.9	2.1					
octor-1262	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND					
octor-1268	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND					
Miscellaneous																				
Solids	NE	NE	84	79	74	95	88	88	85	85	88	88		72	69					

Notes:
 1 - Not detected.
 2 - Not established.
 3 - The percent difference between the dual concentrations is greater than 40%.
 4 - Not analyzed for.
 5 - Result is less than specified quantitation limit, but greater than zero.
 6 - Concentration given is an approximate value.
 7 - WSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
 8 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.
 9 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.
 10 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.
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 95 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.
 96 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.
 97 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.
 98 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.
 99 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.
 100 - WSCC - Impact to Ground-Water Soil Cleanup Criteria.

Table 2
 Former DPG Waste Treatment Area: Analytical Results
 Deed Notice
 Cytelc Industries Inc., Former Warners Plant
 Linden, New Jersey

Client ID:	DPG-POST1	DPG-POST2	BD-1	PG-REPOST	PG-REPOST	BD-2
Lab ID:	53262001	53262002	53262003	53756001	53756002	53756005
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
Depth (inches):	3-9	3-9	3-9	6-12	6-12	6-12
Date Sampled:	08/04/95	08/04/95	08/04/95	09/07/95	09/07/95	09/07/95
Date Analyzed:	08/15/95	08/15/95	08/15/95	09/12/95	09/12/95	09/12/95
Quantitation Factor:	1	1	1	25.7	1.18	25.7
			(DPG-POST2 du			(DPG-REPOST1 dup
Chlorobenzene	32	8.2	8.9	NA	NA	NA
Total PCBs	NA	NA	NA	4.9	0.49	6.5

Notes:
 Units in mg/kg.
 Sample PQL = Method PQL * Quantitation Factor
 PCBs - Polychlorinated biphenyls.
 NA - Not Analyzed.
 NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
Bold font indicates concentration greater than NRDCSCC.

Table 3
 Former LAP Area: Analytical Results
 Deed Notice
 Cytec Industries Inc., Former Warners Plant
 Linden, New Jersey

Client ID:		NJDEP	SBP-LAP-1B (I)	SBP-LAP-6 (II)
Lab ID:		NRDCSCC		22108003
Matrix:			Soil	Soil
Depth (ft. bgs.)			(2.0-2.5)	(2.0-2.5)
Semivolatiles	Units			
2-methylnapthalene	mg/kg	4	8.5J	30

Notes:

Units in mg/kg.

J - Result is less than specified quantitation limit, but greater than zero.

Concentration given is an approximate value.

NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.

Bold font indicates concentration greater than NRDCSCC.

Table 4
Former Main Sub-Station Transformer Area: Analytical Results
Deed Notice
Cyclic Industries Inc., Former Warmers Plant
Linden, New Jersey

Sampling Location/Sample ID	Sampling Date	Sampling Depth	NRDCSCC	IGWSCC	Total PCB	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1280	Aroclor-1288
Main Sub-Station Transformer Pad										
MSS-1	10/12/99	0-0.5	2	50	ND	ND	ND	ND	ND	ND
MSS-1A	01/18/2000	0-0.5	2	50	ND	ND	ND	ND	ND	ND
MSS-2	10/12/99	0-0.5	2	50	0.25	0.0634	0.188 P	ND	ND	ND
MSS-3	10/12/99	0-0.5	2	50	5.82	2.1	3.52 P	ND	ND	ND
MSS-3A	01/20/2000	1.5-2.0	2	50	1.18	ND	0.59	ND	ND	0.57
MSS-3B	01/20/2000	0-0.5	2	50	ND	ND	ND	ND	ND	ND
MSS-3C	01/20/2000	0-0.5	2	50	0.88	ND	ND	ND	ND	ND
MSS-3D	01/20/2000	0-0.5	2	50	0.23	0.0612	0.165 P	ND	ND	0.88
MSS-4	10/12/99	0-0.5	2	50	0.51	ND	0.39	ND	ND	0.12
MSS-4A	01/18/2000	1.5-2.0	2	50	ND	ND	ND	ND	ND	ND
MSS-4A	03/08/2000	0-0.5	2	50	1.02	ND	0.82	ND	ND	0.2
MSS-4B	01/18/2000	0-0.5	2	50	0.88	0.708	0.156	ND	ND	ND
MSS-5	10/12/99	0-0.5	2	50	0.1	ND	0.1	ND	ND	ND
MSS-5A	01/18/2000	0-0.5	2	50	ND	ND	ND	ND	ND	ND
MSS-6	10/12/99	0-0.5	2	50	8	ND	ND	ND	ND	ND
MSS-6A	01/18/2000	0-0.5	2	50	0.77	0.17	0.41	ND	ND	0.19
MSS-6B	03/08/2000	0-0.5	2	50	0.08	ND	0.073 P	ND	ND	ND
MSS-7	10/12/99	0-0.5	2	50	ND	ND	ND	ND	ND	ND
MSS-7A	01/18/2000	0-0.5	2	50	ND	ND	ND	ND	ND	ND
MSS-8	10/12/99	0-0.5	2	50	18.1	ND	18.1	ND	ND	ND
MSS-8A	01/20/2000	1.5-2.0	2	50	4.2	ND	ND	ND	ND	4.2
MSS-8B	01/20/2000	0-0.5	2	50	ND	ND	ND	ND	ND	ND
MSS-9	10/12/99	0-0.5	2	50	2.68	ND	2.68	ND	ND	ND
MSS-9A	01/20/2000	1.5-2.0	2	50	29	ND	29	ND	ND	29
MSS-10	10/12/99	0-0.5	2	50	4.5	ND	2.98	ND	ND	ND
MSS-10A	03/08/2000	3.5-4.0	2	50	1.4	ND	1.54	ND	ND	1.4
MSS-10B	03/08/2000	5.5-6.0	2	50	0.58	ND	0.28	ND	ND	0.3
MSS-10C	01/20/2000	1.5-2.0	2	50	2.3	ND	ND	ND	ND	2.3
MSS-11	10/12/99	0-0.5	2	50	5.28	ND	5.28 P	ND	ND	ND
MSS-11A	01/20/2000	1.5-2.0	2	50	1.1	ND	ND	ND	ND	1.1
MSS-11B	01/20/2000	0-0.5	2	50	1.48	ND	0.62	ND	ND	0.42
MSS-12	10/12/99	0-0.5	2	50	0.05	ND	0.28	ND	ND	0.19
MSS-SS2	01/20/2000	0-0.5	2	50	0.77	ND	0.0486 P	ND	ND	ND
MSS-SS3	01/20/2000	0-0.5	2	50	0.18	ND	0.18	ND	ND	0.18
MSS-SS4	01/20/2000	0-0.5	2	50	ND	ND	ND	ND	ND	ND
MSS-SS5	01/20/2000	0-0.5	2	50	1.28	ND	0.49	ND	ND	0.3
MSS-SS6	03/08/2000	0-0.5	2	50	0.3	ND	0.13	ND	ND	0.13
MSS-SS7	03/08/2000	0-0.5	2	50	0.88	ND	0.2	ND	ND	0.12
MSS-SS8	03/08/2000	0-0.5	2	50	0.34	ND	0.13	ND	ND	0.13
MSS-SS9	03/08/2000	0-0.5	2	50	0.98	ND	0.98	ND	ND	ND

Notes:
Units in mg/kg.
Sample depth in feet below ground surface.
PCBs - Polychlorinated biphenyls
ND - Not detected.
P - Indicates quantitative results from two GC columns differed by more than 25%.
NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
IGWSCC - Impact to Groundwater Soil Cleanup Criteria.
Bold font indicates PCB concentration greater than NRDCSCC.

Table 5
 Former Power House Transformer Area: Analytical Results
 Deed Notice
 Cylec Industries Inc., Former Warmers Plant
 Linden, New Jersey

Sampling Location/Sample ID	Sampling Date	Sampling Depth	NRDCSCC	IGWSCC	Total PCB	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1268
Power House Transformer Pad										
PH-1	10/12/99	0 - 0.5	2	50	0.67	ND	ND	ND	0.665	ND
PH-1A	01/20/2000	1.5 - 2.0	2	50	1.2	ND	ND	ND	1.2	ND
PH-1B	01/20/2000	0 - 0.5	2	50	3.8	ND	ND	3.8	ND	ND
PH-1C	01/20/2000	0 - 0.5	2	50	0.71	ND	ND	ND	0.58	0.13
PH-1D	01/20/2000	0 - 0.5	2	50	0.43	ND	ND	ND	0.28	0.15
PH-2	10/12/99	0 - 0.5	2	50	0.25	ND	ND	ND	0.247	ND
PH-3	10/12/99	0 - 0.5	2	50	0.93	ND	ND	0.312	0.619 P	ND
PH-3A	01/17/2000	0 - 0.5	2	50	3.8	ND	ND	2.0	1.8	ND
PH-3A	03/09/2000	1.5 - 2.0	2	50	ND	ND	ND	ND	ND	ND
PH-3B	01/17/2000	1.5 - 2.0	2	50	ND	ND	ND	ND	ND	ND
PH-3C	01/17/2000	1.5 - 2.0	2	50	ND	ND	ND	ND	ND	ND
PH-3D	01/20/2000	0 - 0.5	2	50	0.4	ND	ND	0.23	0.17	ND
PH-4	10/12/99	0 - 0.5	2	50	0.24	ND	ND	ND	0.236	ND
PH-SS1	01/20/2000	0 - 0.5	2	50	2.14	ND	ND	1.8	0.34	ND
PH-SS2	01/20/2000	0 - 0.5	2	50	0.26	ND	ND	0.16	0.1	ND
PH-SS3	01/20/2000	0 - 0.5	2	50	4.88	ND	ND	4.1	0.88	ND
PH-SS4	01/20/2000	0 - 0.5	2	50	ND	ND	ND	ND	ND	ND
PH-SS5	03/09/2000	0 - 0.5	2	50	9.8	ND	ND	9.6	ND	ND
PH-SS5	03/09/2000	1.5 - 2.0	2	50	0.25	ND	ND	ND	0.13	0.12
PH-SS6	03/09/2000	0 - 0.5	2	50	ND	ND	ND	ND	ND	ND
PH-SS7	03/09/2000	0 - 0.5	2	50	0.25	ND	ND	0.25	ND	ND
PH-SS8	03/09/2000	0 - 0.5	2	50	2.1	ND	ND	1.4	0.7	ND
28D030900	03/09/2000	0 - 0.5	2	50	2.12	ND	ND	1.5	0.82	ND
PH-SS8	03/09/2000	1.5 - 2.0	2	50	0.31	ND	ND	ND	0.19	0.12
PH-SS9	03/09/2000	0 - 0.5	2	50	1.03	ND	ND	0.58	0.32	0.13
PH-SS9	03/09/2000	1.5 - 2.0	2	50	0.33	ND	ND	0.33	ND	ND
PH-SS12	03/09/2000	0 - 0.5	2	50	2.44	ND	ND	1.7	0.74	ND
PH-SS13	03/09/2000	0 - 0.5	2	50	1.31	ND	ND	0.64	0.47	0.2

Notes:

- Units in mg/kg.
- Sample depth in feet below ground surface.
- PCBs - Polychlorinated biphenyls
- ND - Not detected.
- P - Indicates quantitative results from two GC columns differed by more than 25%.
- NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
- IGWSCC - Impact to Groundwater Soil Cleanup Criteria.
- Bold font indicates PCB concentration greater than NRDCSCC.

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Table 6
Former Building 69 Transformer Area: Analytical Results
Deed Notice
Cytec Industries Inc., Former Warners Plant
Linden, New Jersey

Sampling Location/Sample ID	Sampling Date	Sampling Depth	NRDCSCC	IGWSCC	Total PCBs	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1268
Building 69 Transformer Pad										
69T-1	10/12/99	0 - 0.5	2	50	11.63	ND	8.84	ND	2.79 P	ND
69T-1	03/09/2000	3.5 - 4.0	2	50	6	ND	4.5	ND	ND	1.5
69T-1	03/09/2000	5.5-6.0	2	50	0.39	ND	0.39	ND	ND	ND
69T-1A	01/18/2000	1.5 - 2.0	2	50	5.9	ND	2.4	2.9	ND	0.6
69T-2	10/12/99	0 - 0.5	2	50	7.31	ND	4.9	ND	2.41 P	ND
69T-2A	01/18/2000	1.5 - 2.0	2	50	10	ND	3.8	ND	10	6.2
69T-2B	01/18/2000	0 - 0.5	2	50	22	ND	ND	22	ND	ND
69T-3	10/12/99	0 - 0.5	2	50	43.0	ND	14.8	18.8	9.6 P	ND
69T-3A	01/18/2000	1.5 - 2.0	2	50	1.33	ND	0.8	0.53	ND	ND
BD011800	01/18/2000	1.5 - 2.0	2	50	1.6	ND	1.6	ND	ND	ND
69T-3B	01/18/2000	0 - 0.5	2	50	0.73	ND	0.31	0.42	ND	ND
69T-4	10/12/99	0 - 0.5	2	50	1.7	ND	ND	1.28	0.418 P	ND
69T-4A	01/18/2000	1.5 - 2.0	2	50	3.4	ND	1.3	2.1	ND	ND
69T-4B	01/18/2000	0 - 0.5	2	50	4.08	ND	1.3	2.2	ND	0.58
69T-5	10/12/99	0 - 0.5	2	50	14.43	ND	ND	10.9 P	3.53 P	ND
69T-5A	01/18/2000	1.5 - 2.0	2	50	2.5	ND	ND	2.5	ND	ND
69T-5B	01/18/2000	0 - 0.5	2	50	6.6	ND	ND	6.6	ND	ND
69T-SS1	01/20/2000	0 - 0.5	2	50	0.61	ND	ND	0.45	0.16	ND
69T-SS1	03/08/2000	1.5 - 2.0	2	50	0.39	ND	ND	0.39	ND	ND
69T-SS1A	03/08/2000	0 - 0.5	2	50	0.97	ND	0.17	0.62	ND	0.18
69T-SS1A	03/08/2000	1.5 - 2.0	2	50	0.22	ND	ND	0.22	ND	ND
69T-SS1B	03/08/2000	0 - 0.5	2	50	0.54	0.32	ND	ND	0.22	ND
69T-SS1C	03/08/2000	0 - 0.5	2	50	0.11	ND	0.11	ND	ND	ND
69T-SS2	01/20/2000	0 - 0.5	2	50	9.4	ND	9.4	ND	ND	ND
69T-SS2	03/08/2000	1.5 - 2.0	2	50	9.12	5.7	ND	2.6	ND	0.62
69T-SS2	03/08/2000	3.5-4.0	2	50	1.4	ND	ND	ND	ND	1.4
69T-SS2A	03/08/2000	0 - 0.5	2	50	2.78	ND	ND	1.8	0.98	ND
69T-SS2A	03/08/2000	1.5-2.0	2	50	1.6	ND	0.57	ND	0.5	0.53
69T-SS2B	03/08/2000	0 - 0.5	2	50	6.9	ND	2.9	ND	2.4	1.6
69T-SS2B	03/08/2000	1.5-2.0	2	50	11.3	ND	10	ND	ND	1.3
69T-SS2C	03/08/2000	0 - 0.5	2	50	0.61	ND	ND	0.36	0.15	0.1
69T-SS2D	03/08/2000	0 - 0.5	2	50	1.33	ND	0.55	ND	0.41	0.37
69T-SS3	01/20/2000	0 - 0.5	2	50	0.99	ND	0.55	0.44	ND	ND
69T-SS3	03/09/2000	1.5 - 2.0	2	50	1.61	ND	1.4	ND	ND	0.21
69T-SS3	03/09/2000	3.5 - 4.0	2	50	ND	ND	ND	ND	ND	ND
69T-SS3A	03/08/2000	0 - 0.5	2	50	1.7	ND	ND	1.7	ND	ND
69T-SS3A	03/08/2000	1.5 - 2.0	2	50	3.18	ND	2.2	0.88	ND	ND
69T-SS3B	03/08/2000	0 - 0.5	2	50	6	ND	6	ND	ND	ND
69T-SS3B	03/08/2000	1.5-2.0	2	50	3.1	ND	3.1	ND	ND	ND
69T-SS3C	03/08/2000	0 - 0.5	2	50	4.1	ND	2.5	1.6	ND	ND
69T-SS3D	03/08/2000	0 - 0.5	2	50	3.8	ND	2.2	1.6	ND	ND
69T-SS3E	07/08/2000	0 - 0.5	2	50	12.4	ND	8.4	4	ND	ND
69T-SS3E	08/03/2000	1.5-2.0	2	50	4.7	ND	4.7	ND	ND	ND
69T-SS3E	08/03/2000	3.5-4.0	2	50	0.35	ND	ND	ND	ND	0.35
69T-SS3F	07/06/2000	0 - 0.5	2	50	18	ND	18	ND	ND	ND
69T-SS3F	08/04/2000	1.5-2.0	2	50	21	ND	21	ND	ND	ND
69T-SS3F	08/04/2000	3.5-4.0	2	50	4	ND	4	ND	ND	ND
69T-SS3G	07/05/2000	0 - 0.5	2	50	14	ND	14	ND	ND	ND
69T-SS3G	08/04/2000	1.5-2.0	2	50	1.7	ND	1.5	0.2	ND	ND
69T-SS3G	08/04/2000	1.5-2.0	2	50	1.44	ND	1.3	0.14	ND	ND
69T-SS3H	08/04/2000	0-0.5	2	50	2.47	ND	2	ND	0.47	ND
69T-SS3I	08/04/2000	0-0.5	2	50	3	ND	3	ND	ND	ND
69T-SS3J	08/04/2000	0-0.5	2	50	0.36	ND	0.36	ND	ND	ND
69T-SS4	07/05/2000	0 - 0.5	2	50	33	ND	14.0	16.0	3.0	ND
69T-SS4	03/08/2000	1.5 - 2.0	2	50	3.19	ND	ND	2.7	0.49	ND
69T-SS4	03/08/2000	3.5-4.0	2	50	18.2	ND	10	8.2	ND	ND
69T-SS4	07/06/2000	5.5 - 6.0	2	50	0.17	ND	0.17	ND	ND	ND
69T-SS4	07/06/2000	7.5 - 8.0	2	50	0.3	ND	0.14	0.16	ND	ND
69T-SS4A	03/08/2000	0 - 0.5	2	50	3.76	ND	ND	2.8	0.96	ND
69T-SS4A	03/08/2000	1.5-2.0	2	50	18	ND	ND	18	ND	ND
69T-SS4B	03/08/2000	0 - 0.5	2	50	0.52	ND	ND	0.52	ND	ND
69T-SS4C	03/08/2000	0 - 0.5	2	50	1.16	ND	0.45	ND	0.43	0.26
69T-SS4E	07/06/2000	0 - 0.5	2	50	1.15	ND	0.9	ND	0.25	0.16

Notes:

- Units in mg/kg.
- Sample depth in feet below ground surface.
- PCBs - Polychlorinated biphenyls.
- ND - Not detected.
- P - Indicates quantitative results from two GC columns differed by more than 25%.
- NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
- IGWSCC - Impact to Groundwater Soil Cleanup Criteria.
- Bold font indicates PCB concentration greater than NRDCSCC.

Table 7
 Former Thermal Oxidizer Transformer Area: Analytical Results
 Deed Notice
 Cytec Industries Inc., Former Warners Plant
 Linden, New Jersey

Sampling Location/Sample ID	Sampling Date	Sampling Depth	NRDCSCC	IGWSCC	Total PCBs	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1268
Thermal Oxidizer Transformer Pad										
TO-1	10/12/99	0 - 0.5	2	50	47.2	ND	ND	47.2	ND	ND
TO-1	03/08/2000	3.5 - 4.0	2	50	0.41	ND	ND	0.41	ND	ND
TO-1A	01/17/2000	0 - 0.5	2	50	0.12	ND	ND	0.12	ND	ND
TO-1B	01/17/2000	0 - 0.5	2	50	0.23	ND	ND	0.23	ND	ND
TO-1C	01/17/2000	1.5 - 2.0	2	50	12	ND	ND	12.0	ND	ND
TO-2	10/12/99	0 - 0.5	2	50	1.36	ND	ND	1.36	ND	ND
TO-2A	01/18/2000	1.5 - 2.0	2	50	12	ND	ND	12	ND	ND
TO-2B	01/17/2000	0 - 0.5	2	50	12	ND	ND	12	ND	ND
TO-3	10/12/99	0 - 0.5	2	50	0.95	ND	ND	0.503	0.447 P	ND
TO-3A	01/18/2000	1.5 - 2.0	2	50	ND	ND	ND	ND	ND	ND
TO-3B	01/18/2000	0 - 0.5	2	50	2.2	ND	ND	2.2	ND	ND
TO-3C	01/18/2000	0 - 0.5	2	50	8.4	ND	ND	4.8	2.2	1.4
TO-4	10/12/2000	0 - 0.5	2	50	0.3	ND	ND	0.14	0.163 P	ND
TO-SS2	01/20/2000	0 - 0.5	2	50	0.27	ND	ND	0.27	ND	ND
TO-SS3	01/20/2000	0 - 0.5	2	50	0.082	ND	ND	ND	0.082	ND
TO-SS3A	03/08/2000	0 - 0.5	2	50	8.28	ND	ND	7.6	ND	0.68
TO-SS3A	03/08/2000	1.5 - 2.0	2	50	1.2	ND	ND	1.2	ND	ND
TO-SS3A	03/08/2000	3.5 - 4.0	2	50	11.8	ND	0.16	0.75	0.24	ND
TO-SS4	03/08/2000	1.5 - 2.0	2	50	8.2	ND	ND	ND	4.2	7.6
TO-SS4	03/08/2000	3.5 - 4.0	2	50	0.25	ND	ND	ND	4	4.2
TO-SS4A	03/08/2000	0 - 0.5	2	50	0.25	ND	ND	0.11	0.12	0.13
TO-SS4B	03/08/2000	0 - 0.5	2	50	3.8	ND	1	ND	1.2	1.6
TO-SS4B	03/08/2000	1.5 - 2.0	2	50	10.1	ND	ND	4.8	2.6	2.7

Notes:

- Units in mg/kg.
- Sample depth in feet below ground surface.
- PCBs - Polychlorinated biphenyls
- ND - Not detected.
- P - indicates quantitative results from two GC columns differed by more than 25%.
- NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
- IGWSCC - Impact to Groundwater Soil Cleanup Criteria.
- Bold font indicates PCB concentration greater than NRDCSCC.

Table 8
Former Tank Area. Sampling Location S22: Analytical Results
Deed Notice
Cytex Industries Inc., Former Warners Plant
Lindert, New Jersey

BBL Sample ID Laboratory Sample ID Depth Sampled (ft. bgs.) Date Sampled	NRDCSCC	IGWSCC	S-22		S22-1	S22-3	S22-4	S22-6
			215637 0 - 0.5 07/05/2000	215638 0 - 0.5 07/05/2000				
Volatile Organic Compounds (VOC)								
Toluene	1,000	500	-	-	ND	0.16	-	0.21
Tetrachloroethene	6	1	-	6.3	0.16 J	ND	-	ND
Ethylbenzene	1,000	100	-	ND	0.43	1.1	-	1.2
M&P-xylenes	NE	NE	-	22	1.39	2.7	-	6.4
o-xylene	NE	NE	-	97	0.588	0.83	-	2
Total Xylenes	1,000	67	-	102.6	2.48	3.53	-	7.4
Trichlorofluoromethane	NE	NE	-	-	0.15 J	ND	-	ND
Polychlorinated Biphenyls (PCB)								
Total PCBs	2	50	0.28	11.2	0.476	5.76	0.848	1.01
Aroclor-1232	NE	NE	ND	-	0.43	0.55	ND	0.9
Aroclor-1242	NE	NE	0.26	ND	-	-	-	-
Aroclor-1248	NE	NE	ND	2.2	ND	ND	0.078	ND
Aroclor-1254	NE	NE	ND	-	-	-	-	-
Aroclor-1260	NE	NE	ND	9	0.046	5.2	0.77	0.11
Aroclor-1262	NE	NE	ND	-	-	-	-	-
Aroclor-1268	NE	NE	ND	-	-	-	-	-
Miscellaneous								
% Solids	NE	NE	-	81	91	83	79	80

Notes:
Units in mg/kg.
NE - Not established.
ND - Not detected.
"-": Not analyzed for.
J - Result is less than specified quantitation limit, but greater than zero. Concentration given is an approximate value.
NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
IGWSCC - Impact to Ground-Water Soil Cleanup Criteria.
Bolded font indicates concentration greater than NRDCSCC.
Italics font indicates concentration greater than IGWSCC.

Table 9
 Sampling Location S40: Analytical Results
 Deep Notch
 Cyclic Industries, Inc. Former Weyers Plant
 Linden, New Jersey

GRI Sample ID Laboratory Sample ID Depth Sampled (ft. bgs.) Date Sampled	S-10		S-10-A		S-10-B		S-10-C		S-10-D		S-10-E		
	215675 0-0.5 07/08/2000	215676 5.5-8.0 07/08/2000	215677 7.5-8.0 07/08/2000	215678 9.5-10.0 08/03/2000	215679 0-0.5 07/08/2000	215680 2.5-3.0 07/08/2000	215681 0-0.5 07/08/2000	215682 2.5-3.0 08/03/2000	215683 0-0.5 07/08/2000	215684 4.5-5.0 07/08/2000	215685 5.5-8.0 08/03/2000	215686 7.5-8.0 08/03/2000	215687 8.5-10.0 09/03/2000
Polychlorinated Biphenyls (PCB)	Total PCBs	18.3	3.88	6.7	0.71	-	0.75	-	5.8	0.53	2.33	-	-
	Aroclor-1242	ND	ND	ND	ND	0.35	0.75	-	ND	ND	ND	1.78	ND
	Aroclor-1248	1	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.78	ND
	Aroclor-1260	NE	NE	1.5	0.33	0.110 P	0.16 P	0.53	ND	0.15	0.53	0.6	ND
	Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	NE	2.5	4.2	0.35	0.74	0.59	0.59	5.6	0.48	1.6	-	0.39	
Volatile Organic Compounds (VOC)	Toluene	1	54	0.42	-	0.18 J	1.3	-	3.7	3.8	-	1.8	-
	1,1,1-Trichloroethane	50	1,000	-	-	-	-	-	-	-	-	-	-
	Toluene	600	1,000	-	-	-	-	-	-	-	-	-	-
	Tetrachloroethene	1	60	-	-	-	-	-	-	-	-	-	-
	Chlorobenzene	1	60	-	-	-	-	-	-	-	-	-	-
	o-1,2-Dichloroethene	NE	NE	-	-	-	-	-	-	-	-	-	-
	Ethylbenzene	100	1,000	-	-	-	-	-	-	-	-	-	-
	m,p-Xylenes	NE	NE	-	-	-	-	-	-	-	-	-	-
	p-Xylene	NE	NE	-	-	-	-	-	-	-	-	-	-
	Total Xylenes	67	1,000	-	-	-	-	-	-	-	-	-	-
	Trichloroethene	NE	NE	-	-	-	-	-	-	-	-	-	-

Notes:
 Units in mg/kg.
 ND - Not detected.
 NE - Not established.
 - - - Not analyzed for.
 P - The percent difference between the dust concentration is greater than 40%.
 J - Result is less than specified quantitation limit, but greater than zero.
 Concentration given is an approximate value.
 NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
 IOWSCC - Impact to Ground-Water Soil Cleanup Criteria.
 Bolded font indicates concentration greater than NRDCSCC.
 Italics font indicates concentration greater than IOWSCC.

Table B (continued)
 Sampling Location S40: Analytical Results
 Dead Notice
 Cytex Industries, Inc., Former Warners Plant
 Linden, New Jersey

BBL Sample ID Laboratory Sample ID Depth Sampled (ft. bgs.) Date Sampled	S40-FB		S40-FC		S40-BB		S40-BC		S40-8BB		
	232558 1.5 - 2.0 09/29/2000	232559 3.5 - 4.0 09/29/2000	232584 5.5 - 8.0 09/29/2000	232585 7.5 - 8.0 09/29/2000	234876 1.6 - 2.0 10/11/2000	234877 3.5 - 4.0 10/11/2000	234878 5.5 - 8.0 10/11/2000	234879 7.5 - 8.0 10/11/2000	234892 1.5 - 2.0 10/11/2000	221288 6.5 - 7.0 09/03/2000	234883 5.5 - 6.0 10/11/2000
Polychlorinated Biphenyls (PCB)											
Total PCBs	3	0.68	ND	ND	2.7	0.18	4.7	ND	2.09	11.1	0.84
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	1.8	2.7	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	1.1	ND	ND	ND	0.9 P	ND	ND	ND	0.28	3.8 P	ND
Aroclor-1282	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1288	1.9	0.68	ND	ND	1.8	0.18	4.7	ND	0.21	4.8	0.84

Notes:

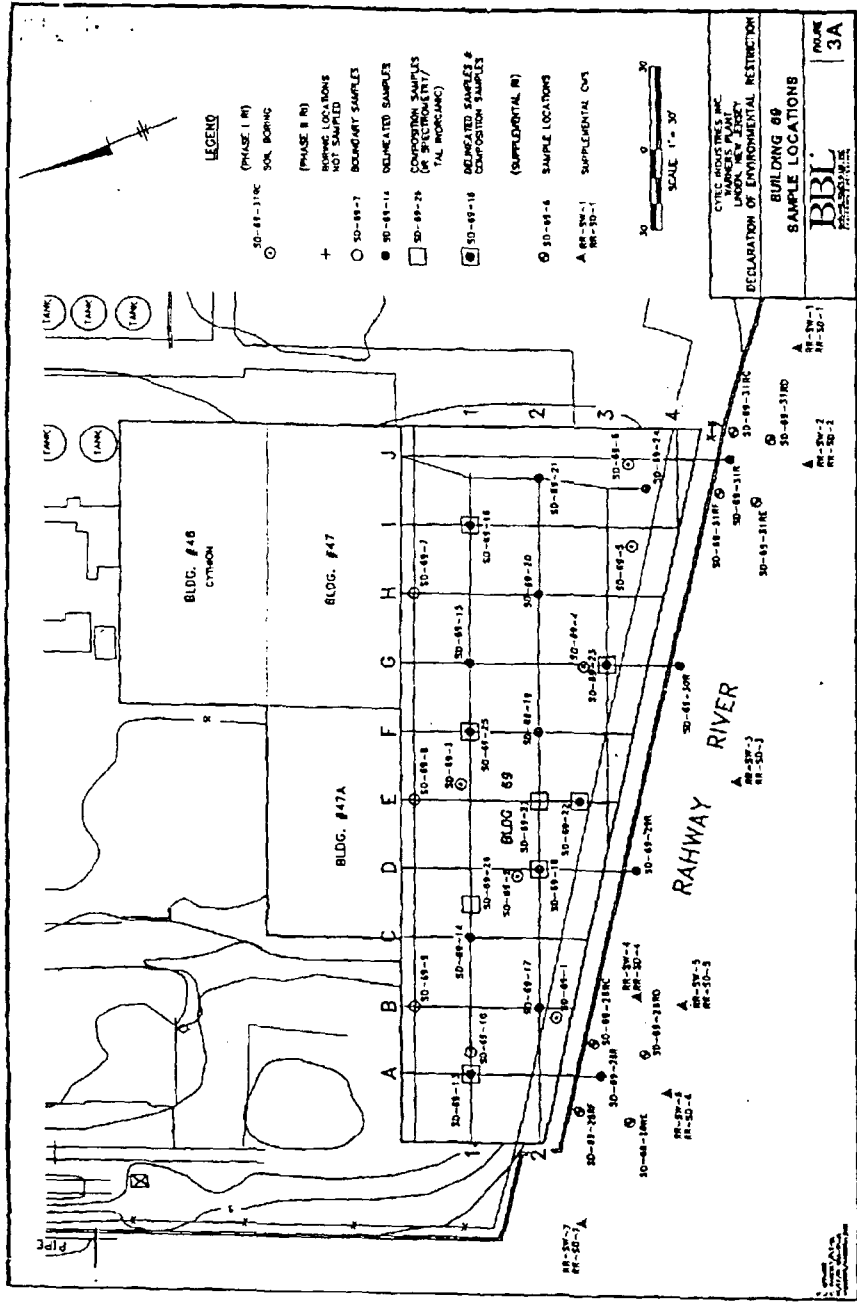
- Units in mg/kg
- ND - Not detected.
- NE - Not established.
- , - Not analyzed for.
- J - Result is less than specified quantitation limit, but greater than zero.
- P - The percent difference between the dual concentrations is greater than 40%.
- Concentration given is an approximate value.
- NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
- IGWSCC - Impact to Ground-Water Soil Cleanup Criteria.
- Bolded font indicates concentration greater than NRDCSCC.
- Italics font indicates concentration greater than IGWSCC.

Table 9 (continued)
 Sampling Location S-40: Analytical Results
 Dead Notice
 Cyclic Industries, Inc., Former Warners Plant
 Lyden, New Jersey

BBL Sample ID Laboratory Sample ID Depth Sampled (ft. bgs.) Date Sampled	S-40-1		S-40-2		S-40-3		S-40-4		S-40-5		S-40-6		S-40-7	
	214681 0.0-1 10/11/2000	AB006851 2.5-3.0 05/01/2000	AB006852 2.5-3.0 05/01/2000	AB006853 2.5-3.0 05/01/2000	234884 0.0-5 10/11/2000	AB006854 2.5-3.0 05/01/2000	215692 0.0-0.5 07/06/2000	AB006855 2.5-3.0 05/01/2000	215691 2.5-3.0 07/06/2000	215692 4.5-5.0 07/06/2000	215693 0.0-0.5 07/06/2000	215694 0.0-0.5 07/06/2000	215695 0.0-0.5 07/06/2000	215696 2.5-3.0 07/06/2000
Polychlorinated Biphenyls (PCB) Total PCBs Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262 Aroclor-1268	1	0.64	2.2	7.1	0.36	1.7	9.4	6.1	6.1	1.96	1.96	1.96	1.96	12
	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.57	0.57	0.57	0.57	ND
	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NE	0.64	2.2	7.1	0.19 P	1.7	9.4	6.1	6.1	0.68 P	0.68 P	0.68 P	0.68 P	12
	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NE	1.2	ND	ND	ND	0.14	ND	ND	ND	0.71	0.71	0.71	0.71	ND
Volatile Organic Compounds (VOC) Trichloroethane 1,1,1-Trichloroethane Toluene Tetrachloroethane Chlorobenzene cis-1,2-Dichloroethane Ethylbenzene m,p-Xylenes Total Xylenes Trichlorofluoromethane	54	ND	ND	2.4	6.9	6.9	21	3.6	4.7	11	18	1.6	1.6	
	1,000	ND	ND	ND	ND	ND	0.85	0.85	0.85	0.85	0.85	0.85	ND	
	1,000	ND	ND	0.4	ND	ND	0.35	ND	ND	ND	ND	ND	ND	
	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	680	0.21	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	
	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,000	ND	ND	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	NE	ND	ND	0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	NE	ND	ND	0.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	NE	0.96 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

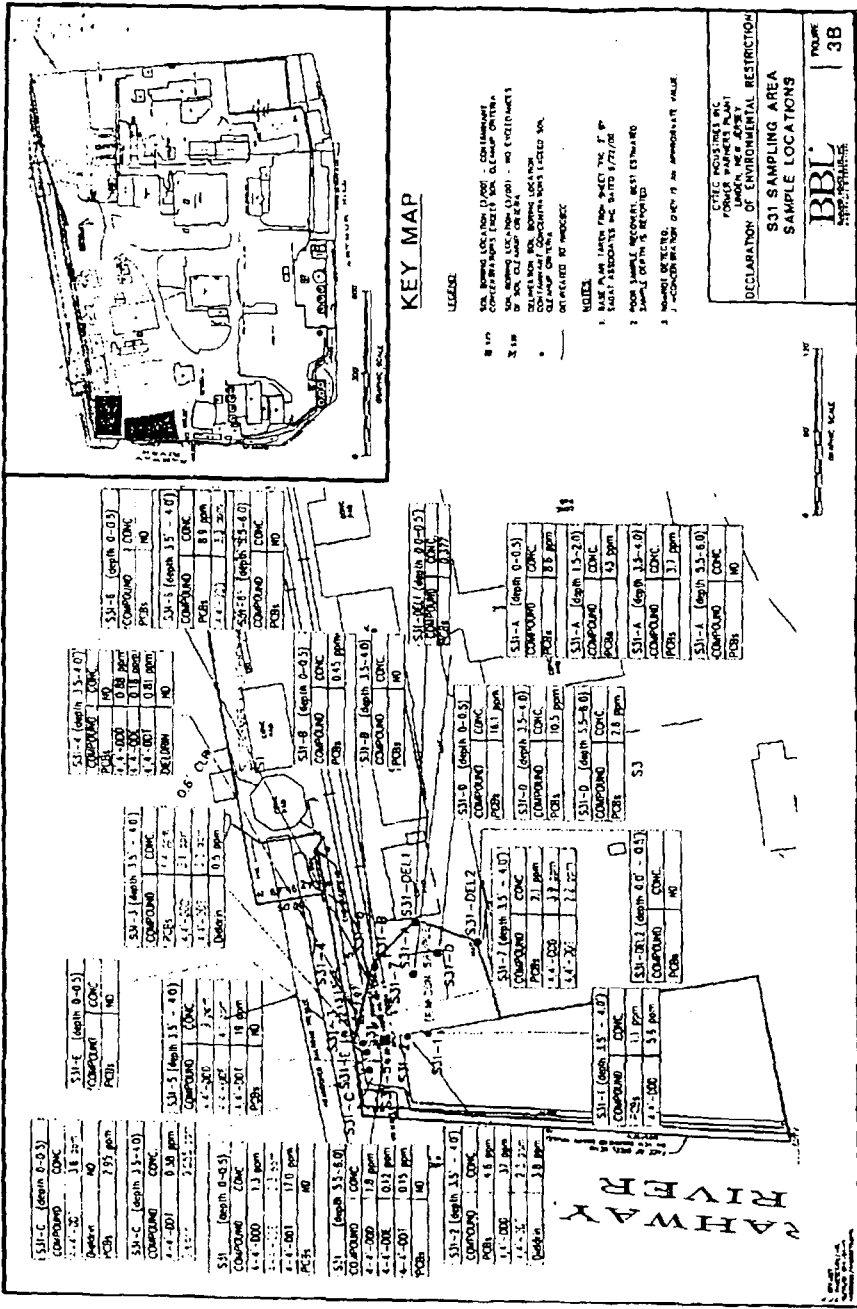
Notes:
 Units in mg/kg
 ND - Not detected.
 NE - Not established.
 "-" - Not analyzed for.
 P - The percent difference between the dual concentrations is greater than 40%.
 J - Result is less than specified quantitation limit, but greater than zero.
 Concentration given is an approximate value.
 NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria.
 KWWSCC - Impact to Ground-Water Soil Cleanup Criteria.
 Spiked font indicates concentration greater than NRDCSCC.
 Italics font indicates concentration greater than KWWSCC.

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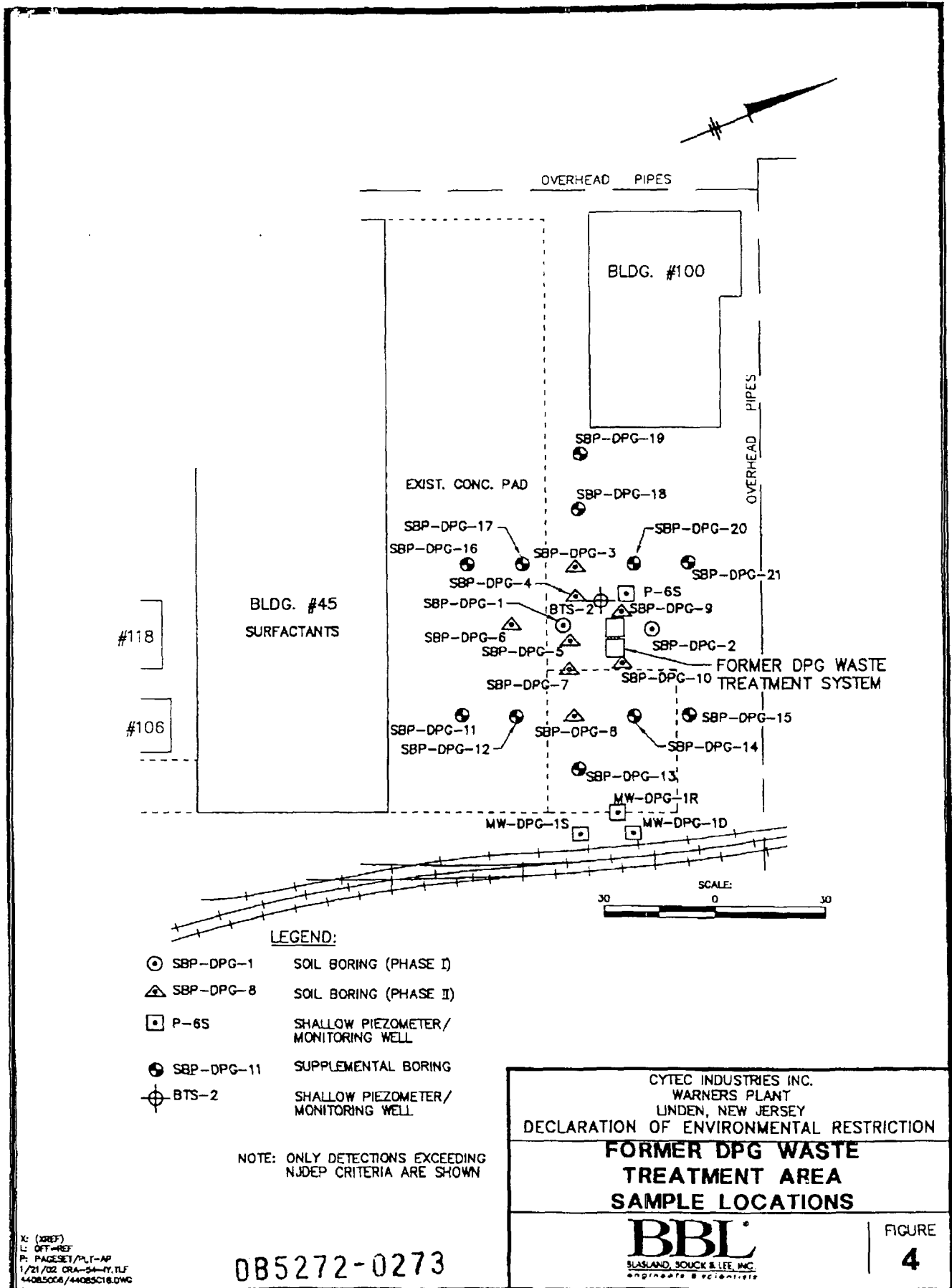
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085272-0272

947160661



LEGEND:

- ⊙ SBP-DPG-1 SOIL BORING (PHASE I)
- △ SBP-DPG-8 SOIL BORING (PHASE II)
- P-6S SHALLOW PIEZOMETER/
MONITORING WELL
- ⊕ SBP-DPG-11 SUPPLEMENTAL BORING
- ⊕ BTS-2 SHALLOW PIEZOMETER/
MONITORING WELL

NOTE: ONLY DETECTIONS EXCEEDING
NJDEP CRITERIA ARE SHOWN

CYTEC INDUSTRIES INC.
WARNERS PLANT
LINDEN, NEW JERSEY
DECLARATION OF ENVIRONMENTAL RESTRICTION

**FORMER DPG WASTE
TREATMENT AREA
SAMPLE LOCATIONS**

BBL
BLASLAND, SOUCK & LEE, INC.
engineers & scientists

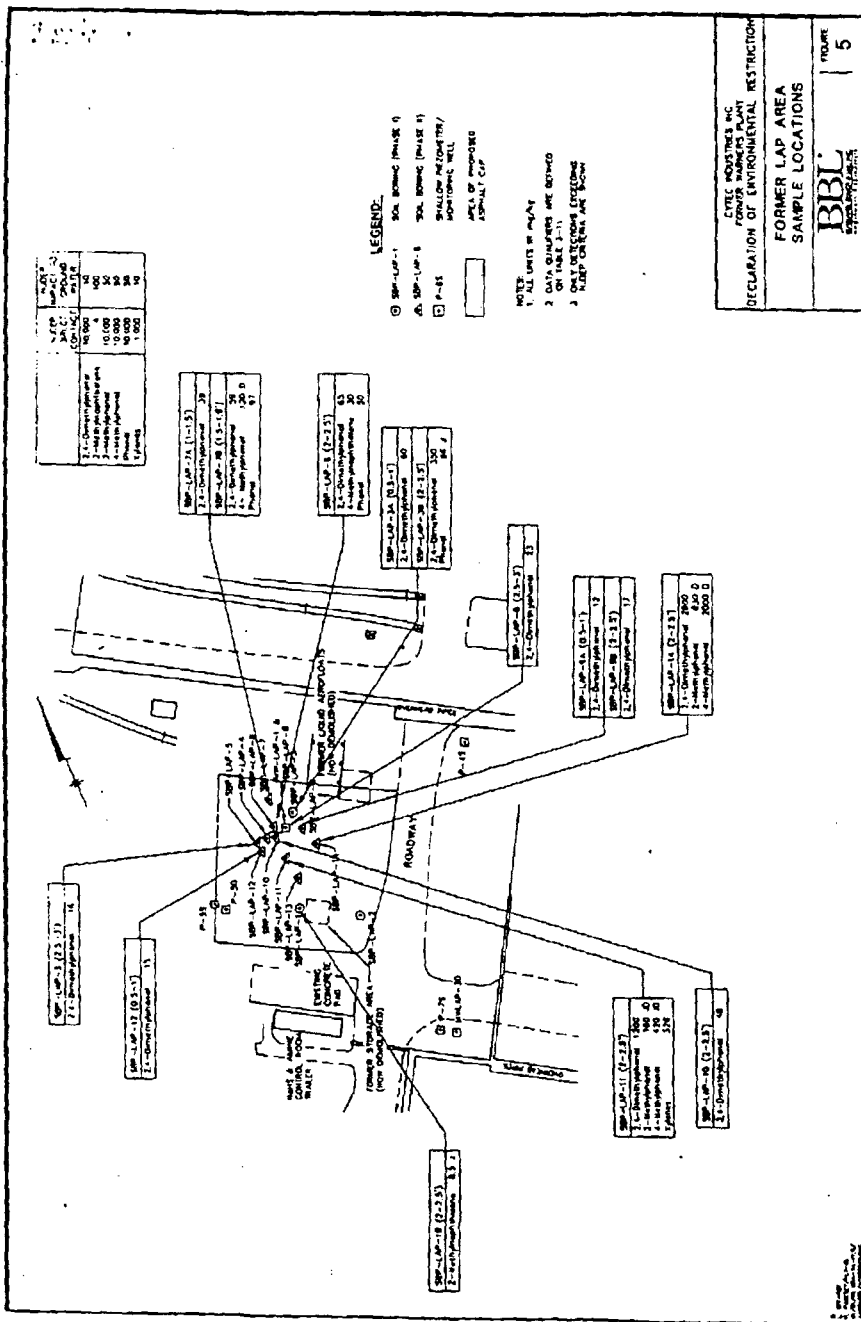
FIGURE
4

X: (XREF)
L: OFF-REF
P: PAGESET/PLT-AP
1/21/02 CRA-S4-17.TLF
44065006/44065018.DWG

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TIERRA-C-002742



CYCLE INDUSTRIES, INC.
 FORMER LAP AREA
 SAMPLE LOCATIONS

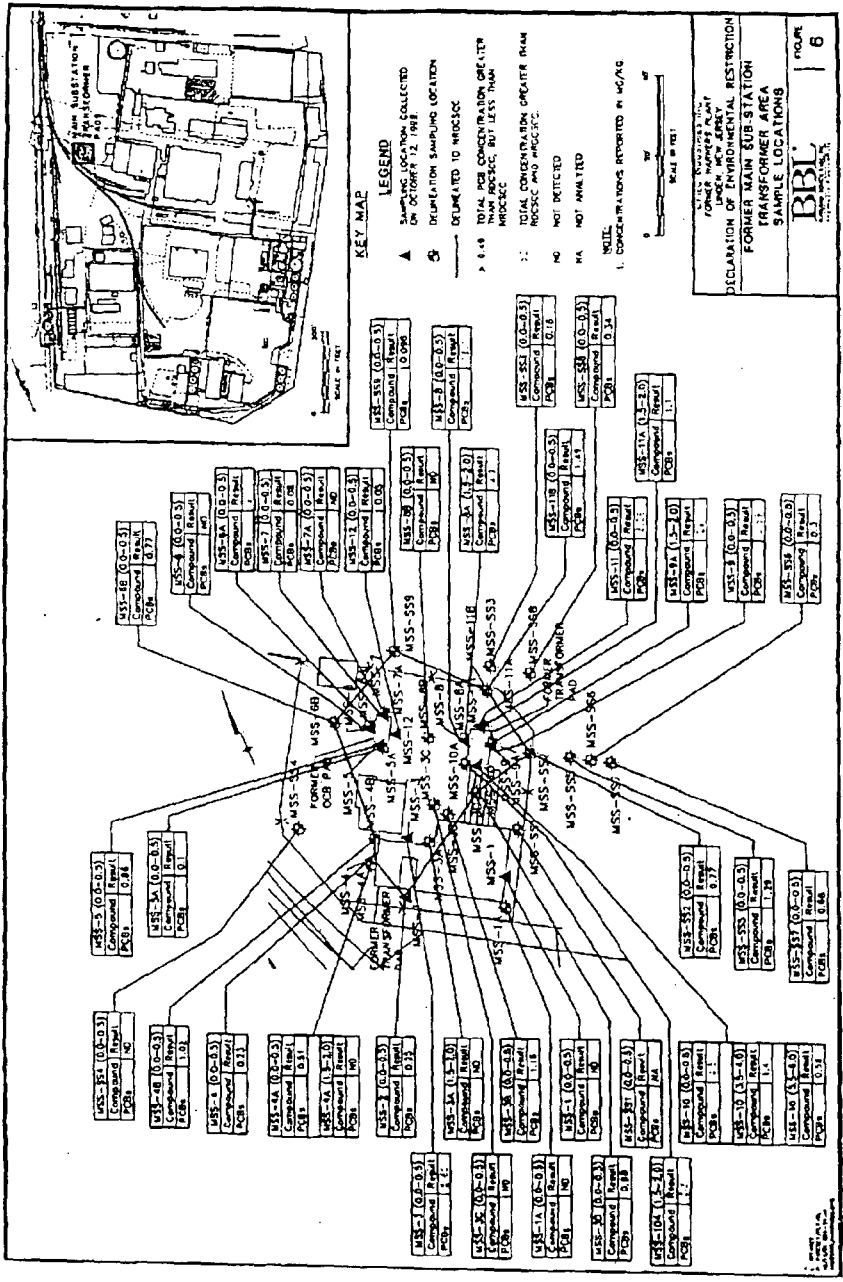
DECLARATION OF ENVIRONMENTAL RESTRICTION

BBL
 BENTON BROS. LABORATORY

FIGURE 5

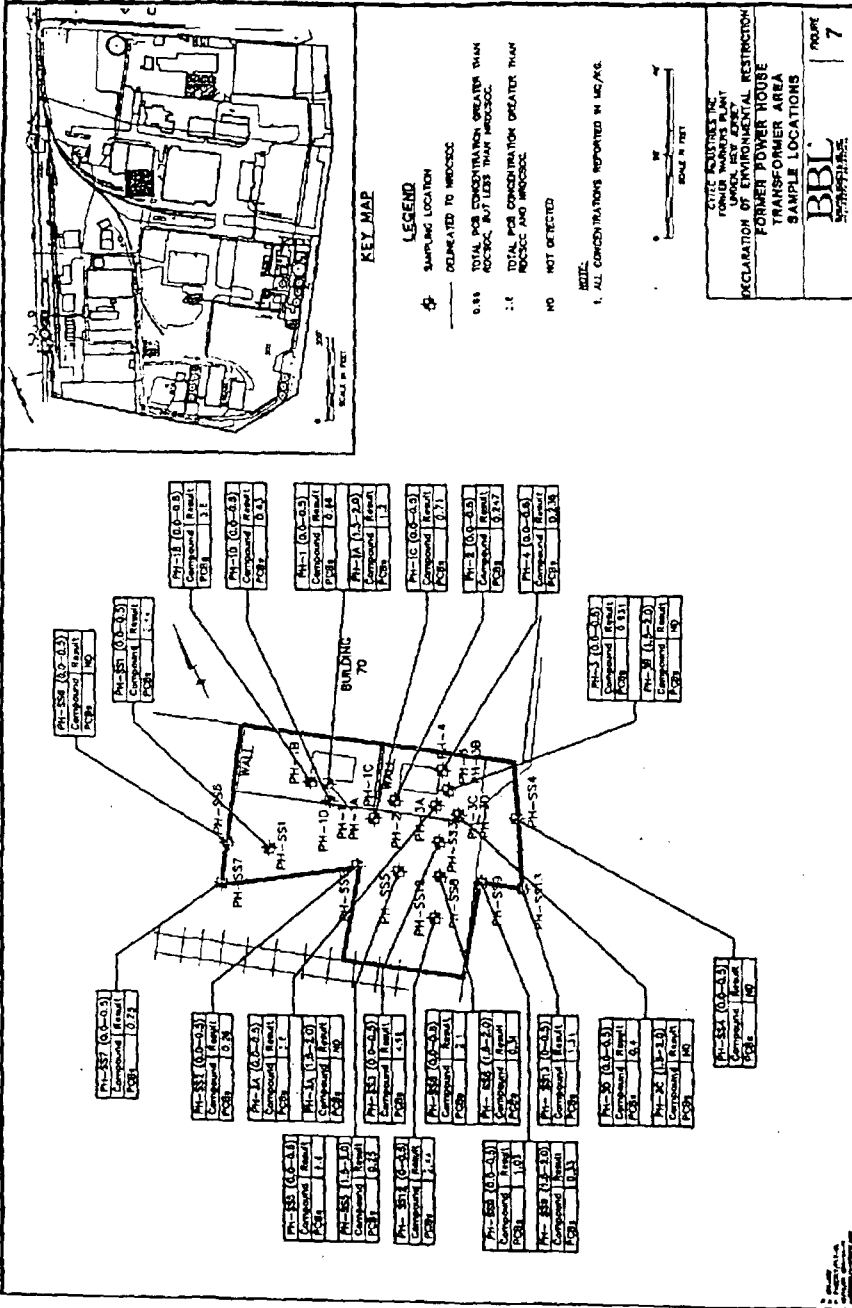
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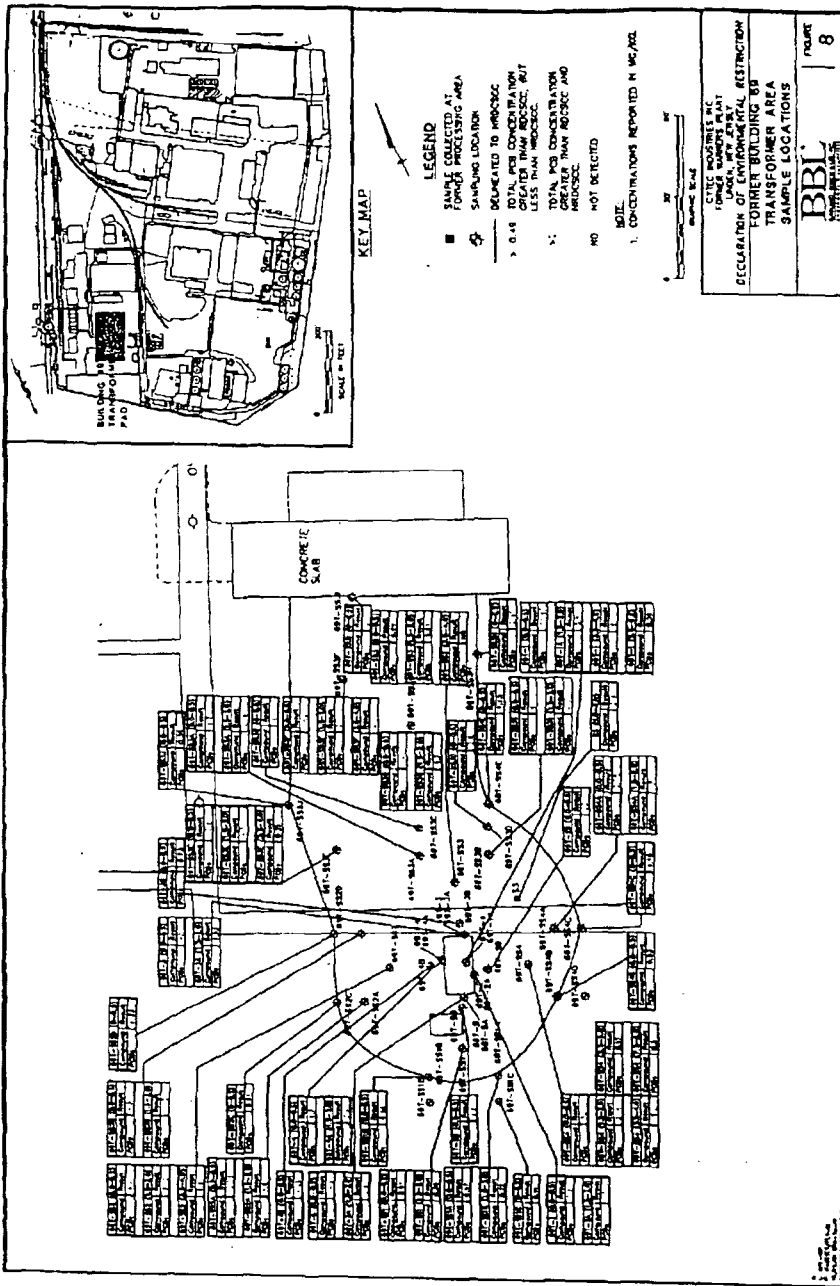
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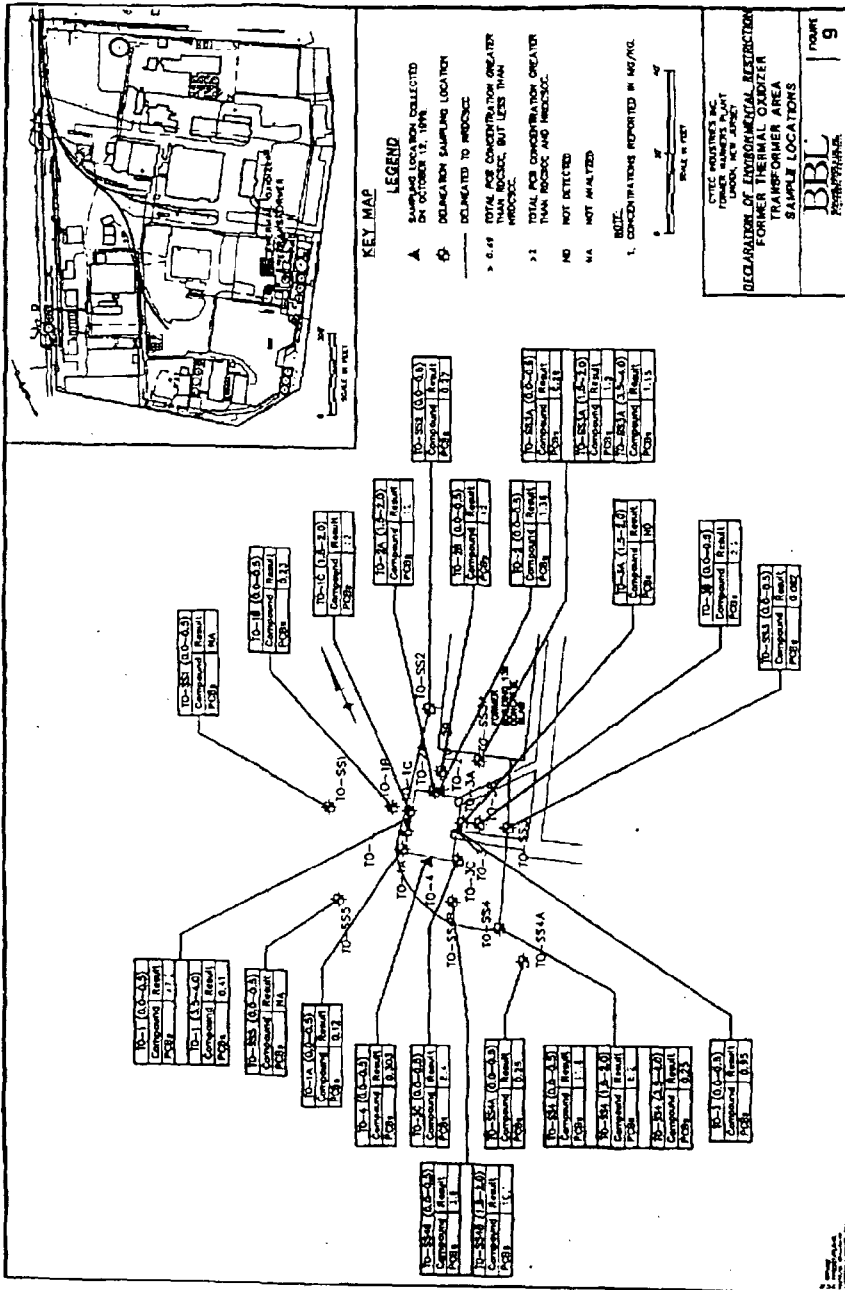
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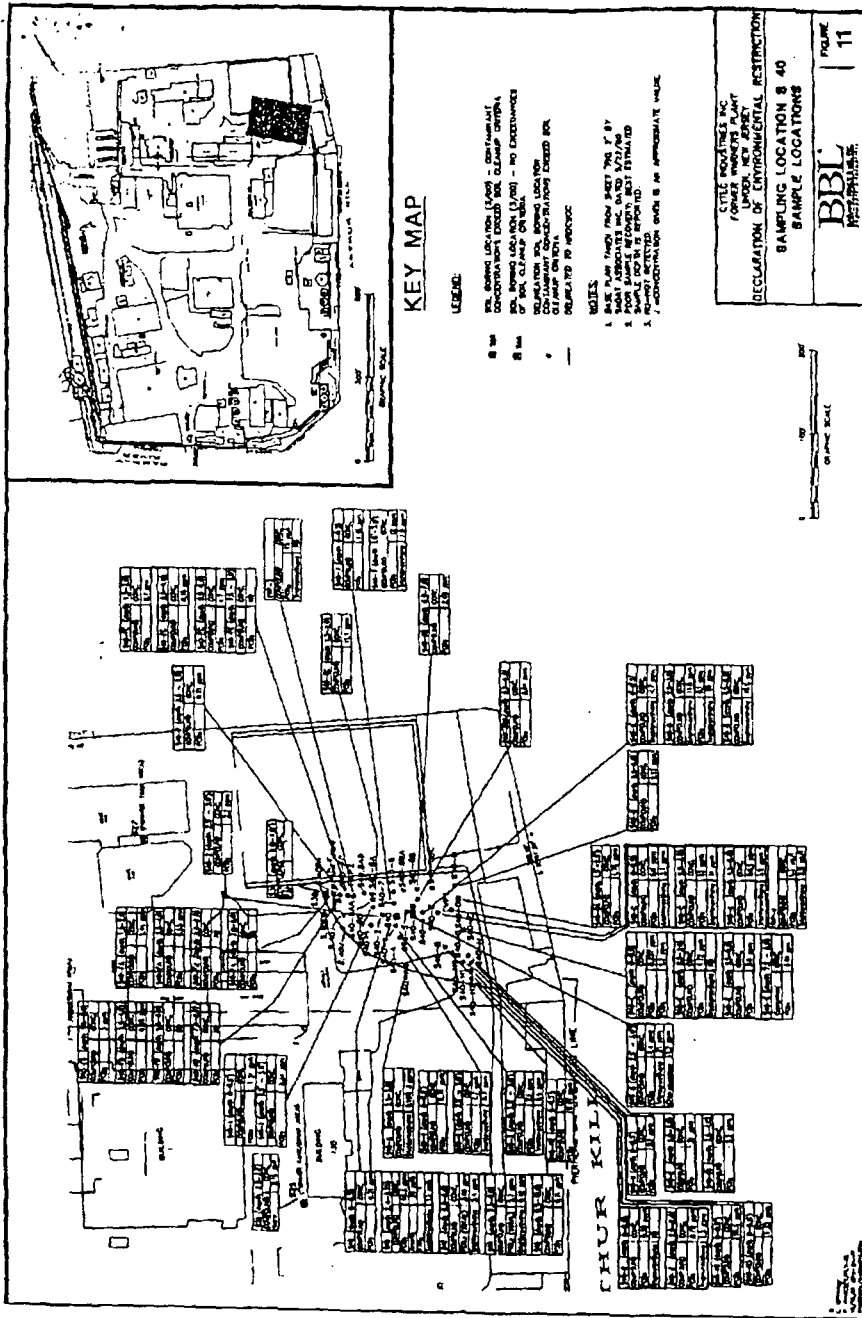
947160666

DB5272-0277



085272-0278

947160667



085272-0280

947160669

ORIGINAL

IN WITNESS WHEREOF, Owner has executed this Deed Notice as of the date first written above.

ATTEST: [Name of corporation]

Kenley Point Marine Terminal LLC By [Signature]

Domenick Pucillo Mgr Member
[Print name and title]

Domenick Pucillo Mgr Member
[Print name and title]

CERTIFICATION

STATE OF NEW JERSEY
SS.:
COUNTY OF UNION

CYTEC INDUSTRIES INC
ATTN JOEL JEROME, MANAGER
5 GARRET MOUNTAIN PLAZA
WEST PATERSON

Deed

Inet.#
108244
NJ 07424
Recording Fee 230.00
RT Fee .00
Paid

I certify that on May 21 2002, [Name of person executing document on behalf of Owner] personally came before me, and this person acknowledged under oath to my satisfaction that:

- (a) This person is the [secretary/assistant secretary] of Kenley Point Marine the corporation named in this document;
- (b) This person is the attesting witness to the signing of this document by the proper corporate officer who is the [president/vice president] of the corporation;
- (c) This document was signed and delivered by the corporation as its voluntary act and was duly authorized;
- (d) This person knows the proper seal of the corporation, which was affixed to this document; and
- (e) This person signed this proof to attest to the truth of these facts.

[Signature]
Domenick Pucillo
[Print name and title of attesting witness]

Signed and sworn before me on

May 21 2002
[Signature]
Notary Public
[Print name and title]

JACQUELYN CYD ECKEL
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Sept. 12, 2004

LRSA

Memorandum

Date : 3/8/94

To : Gary C. Fare, Executive Director

From : Raymond G. Tomaszewski, Hearing Officer

Re : Cytec Industries, Inc.
Hearing of February 25, 1994 - Report and Recommendation

On February 3, 1994 Cytec Industries was served with a Notice to Show Cause why enforcement action should not be taken for a permit violation set forth in the Notice.

The Show Cause Hearing was held on February 25, 1994 at 10:00AM at the Authority Offices and in accordance with Section 6.5 of the Authority's Rules and Regulations.

Jeanne M. Burnell, Ph.D., Plant Manager and Angela Dohl, Environmental Regulatory Services Supervisor appeared for Cytec Industries.

Judy Spadone, Monitoring Manager appeared for the Authority.

Evidence was introduced by the Monitoring Manager to show that:

- . Cytec was issued discharge permit #032
- . That permit contains a monthly average limit for oil and grease of 300 mg/l.
- . Cytec reported a monthly average of 471 mg/l for the month of November 1993 (November 1993 Discharge Monitoring Report)
- . The value reported for oil and grease exceeds the limit by more than 40%.

The representatives of Cytec Industries offered no evidence to contradict the above or evidence of upset or laboratory error. They pointed out that the November 1993 value for oil and grease was completely anomalous, comparing it to 111.5 mg/l for October 1993 and 66 mg/l for December 1993. They could only speculate that perhaps there was some interference in the analysis. However, all the sample was consumed in the analysis and only one sample was taken during the month.

955790107

BBC000012

TIERRA-C-002751

Memorandum
Re: Cytec Industries Hearing

3/8/94
Page Two

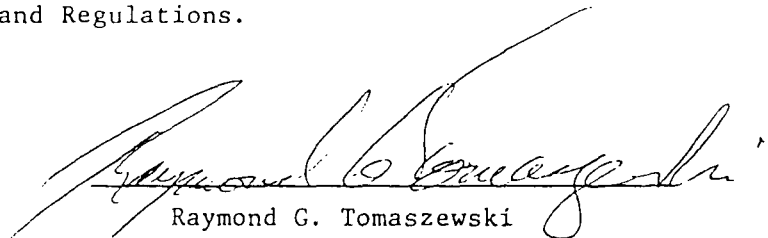
Findings

I find that Cytec Industries violated its discharge permit for the month of November 1993 by exceeding the monthly average limit for oil and grease by more than 40%, and that the violation constitutes a "serious violation" under the Authority's Rules and Regulations (Section 1.2, Definitions).

Recommendations

To assess a minimum mandatory penalty of \$1,000 for the violation of oil and grease limitations for November 1993.

To proceed in the assessment of this civil administrative penalty under Section 6.3.A(6) of the Rules and Regulations.



Raymond G. Tomaszewski
Hearing Officer

RGT/mlm

cc: Judy Spadone

955790108

TIERRA-C-002752



Severn Trent Laboratories
628 Route 10
Whippany NJ 07981
Tel: (973) 428-8181
Fax: (973) 428-5222

REGULATORY FORMAT DATA PACKAGE

SAMPLING DATE: JANUARY 26, 1999

CYTEC INDUSTRIES

Project: CYTEC WARNERS/440.52.021

PREPARED BY:

SEVERN TRENT LABORATORIES

(CERTIFICATION NUMBER 14530)

STL JOB No. 20990-90352

VOLUME 1 of 1

Other Laboratory Locations:

- 149 Rangway Road, North Andover MA 01862
- 16203 Park Row, Suite 110, Houston TX 77084
- 200 Monroe Turnpike, Meriden CT 06468

- 120 Southcenter Court, Suite 300, Morrisville NC 27560
- 315 Fullerton Avenue, Newburgh NY 12550
- 111 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southway Road, Westfield MA 01085

a part of

955790110

112

BBC000013

TIERRA-C-002753



FEBRUARY 17, 1999

20990-90352
BLASLAND BOUCK & LEE, INC.
8 SOUTH RIVER ROAD
CRANBURY , NJ 08512

ATTENTION: GEOFF BANDOLA

The following samples were received for analysis by STL-NJ (Cert.#14530). These samples were received on and labeled as follows:

<u>STL Sample No.:</u>	<u>Client ID:</u>	<u>Date Received</u>
90352001	BACK1S	01/28/99
90352002	BACK2S	01/28/99
90352003	BACK2D	01/28/99
90352004	BACK2DMS	01/28/99
90352005	BACK2DMSD	01/28/99
90352006	DPG-2S	01/28/99
90352007	DPG-2D	01/28/99
90352008	BD012699	01/28/99
90352009	FB012699	01/28/99
90352010	BACK2R	01/28/99
90352011	LAP2S	01/28/99
90352012	LAP2D	01/28/99
90352013	LAP2R	01/28/99
90352014	FB012799	01/28/99
90352015	DPG2R	01/28/99
90352016	TB012799	01/28/99
90352017	BACK1S-D	01/28/99
90352018	BACK2S-D	01/28/99
90352019	BACK2D-D	01/28/99
90352020	BACK2DMS-D	01/28/99
90352021	BACK2DMSD-D	01/28/99
90352022	DPG-2S-D	01/28/99
90352023	DPG-2D-D	01/28/99
90352024	BD012699-D	01/28/99
90352025	FB012699-D	01/28/99

DATA RELEASE AUTHORIZED BY:

Brian W. Wood
Technical Manager

955790111

a part of

TIERRA-C-002754



FEBRUARY 17, 1999

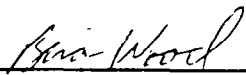
20990-90352
BLASLAND BOUCK & LEE, INC.
8 SOUTH RIVER ROAD
CRANBURY , NJ 08512

ATTENTION: GEOFF BANDOLA

The following samples were received for analysis by STL-NJ
(Cert.#14530). These samples were received on and labeled as follows:

<u>STL Sample No.:</u>	<u>Client ID:</u>	<u>Date Received</u>
90352026	BACK2R-D	01/28/99
90352027	LAP2S-D	01/28/99
90352028	LAP2D-D	01/28/99
90352029	LAP2R-D	01/28/99
90352030	FB012799-D	01/28/99
90352031	DPG2R-D	01/28/99

DATA RELEASE AUTHORIZED BY:



Brian W. Wood
Technical Manager

955790112

a part of

TIERRA-C-002755



Severn Trent Laboratories
 628 Route 10
 Whippany NJ 07981
 Tel: (973) 428-8181
 Fax: (973) 428-5222

STL - NJ Lab Certifications

STL - NJ possesses the following regulatory certifications and is currently certified to perform analysis in accordance with regulations pertaining to these certifications. Certificates are on file at the laboratory.

State/Agency Certification	Lab ID Number
CLP Organics Contract	68D50011
Connecticut	PH0722
Maryland	195
New Jersey	14530
New York	10997
North Carolina	339
Pennsylvania	68-355
Rhode Island	178
West Virginia	258
USDA Permit	S-3295 Revised
Delaware	NJ323

Last Updated: 7/15/98

Other Laboratory Locations:

- 149 Ringway Road, North Attleboro MA 01862
- 16203 Park Row, Suite 110, Houston TX 77084
- 200 Monroe Turnpike, Monroe CT 06468
- 120 Southcenter Court, Suite 300, Morrisville NC 27560
- 315 Fullerton Avenue, Newburgh NY 12550
- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southwestern Road, Westfield MA 01085

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 Severn Trent Services Inc.

955790113

TIERRA-C-002756

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Laboratory Logs

Metals Results. 496



Severn Trent Laboratories
628 Route 10
Whippany NJ 07981

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Fax: (973) 428-5222

955790115

No. 54117

CHAIN OF CUSTODY

FIELD BOOK:

Pg 1 of 2

1	Client: BBL	14	Bill To: Cytec Industries Inc.	For Lab Use Only
2	Project Name/No.: CYTEC WARNERS / 440.52.021	15	PO#: 440.52.021	Job No. 90352
3	Client Contact: GEOFF BANDOLA	16	(5) ANALYSIS REQUIRED	Quote No. _____
4	STL Contact: DEANNA DOSTER	17	VOXRTILES	# of Coolers: _____
5	TAT: 1wk, 2wk, 3wk, OTHER	18	VOXRTILES	Cooler Temp.(s): _____
6	Proj. Type: NJPDES, NPDES, ISRA, CLP, CERCLA, RCRA, UST, COM, MOA, OTHER	19	VOXRTILES	Custody Seal #(s): _____
7	Protocol: CLP, SW846, (EPA 600) DW, OTHER	20	VOXRTILES	Date Due: _____
8	Reporting Type: (NJ Reg Format, All Reduced Formats CLP, Level II, Level I (Data Sum), Other)	21	VOXRTILES	PM NON-COMFORMANCE
9	Client ID (10 CHAR)	22	VOXRTILES	Preserved: _____ Temp: _____
		23	VOXRTILES	Container: _____ Volume: _____
		24	VOXRTILES	Broken: _____ Initials: _____
		25	VOXRTILES	Holding Time: _____
		26	VOXRTILES	Other: _____
		27	VOXRTILES	Logged By: _____
		28	VOXRTILES	DESCRIPTION
		29	VOXRTILES	UNPRESERVED
		30	VOXRTILES	UNPRESERVED
		31	VOXRTILES	UNPRESERVED
		32	VOXRTILES	UNPRESERVED
		33	VOXRTILES	UNPRESERVED
		34	VOXRTILES	UNPRESERVED
		35	VOXRTILES	UNPRESERVED
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		93	VOXRTILES	UNPRESERVED
		94	VOXRTILES	UNPRESERVED
		95	VOXRTILES	UNPRESERVED
		96	VOXRTILES	UNPRESERVED
		97	VOXRTILES	UNPRESERVED
		98	VOXRTILES	UNPRESERVED
		99	VOXRTILES	UNPRESERVED
		100	VOXRTILES	UNPRESERVED

COMMENTS: (Please include hazards on site)
Analyze VOA for Carbon Disulfide, Methylene Chloride, Acetone, Benzene, Chlorobenzene, Xylenes
Analyze Metals for Aluminum, Arsenic, Iron, Lead, Manganese, Sodium

Print Name and Company: **Severn Trent Laboratories**
Signature: *[Signature]*
Date/Time: **1/28/98**
Custody Seal # (s): **1-28-98/1590**
Signature: *[Signature]*
Date/Time: **1/28/98/1590**
Signature: *[Signature]*
Date/Time: **1/28/98/1590**
Signature: *[Signature]*
Date/Time: **1/28/98/1590**

Mtx = Matrix of Sample. (AI=Air, AQ=Aqueous, LE=Leachate, ML=Misc Liquid, MS=Misc Solids, OIL, SE=Sediment, SL=Sludge, SO=Soil)

000001

SEVERN TRENT LABORATORIES, Inc. - NEW JERSEY
SAMPLE RECEIPT VERIFICATION FORM

JOB NUMBER: 90352 CLIENT BBL DATE RECEIVED: 1/28/99

OF SAMPLES 31 # OF COOLERS 2
CUSTODY SEALS: ~~PRESENT~~ ABSENT ~~INTACT~~ BROKEN TEMPERATURE BLANK PRESENT: YES NO

COOLER TEMP/S °C 4.1, 4.3 COOLER OUTSIDE 2-6 °C PRESERVED: ICE/BLUE-ICE/NONE
IF OUTSIDE TEMP RANGE - WERE SAMPLES RECEIVED LESS THAN 4 HOURS FROM COLLECTION? YES NO

CHAIN OF CUSTODY ~~PRESENT~~ ABSENT PROPERLY SIGNED, DATED, TIME: YES NO
SAMPLE TAGS: PRESENT ~~ABSENT~~ RECEIVED BY: DRIVER SLC IF SHIPPED AIRBILL PRESENT # _____

COOLER RADIOACT. SCREEN BELOW 0.50 uR/hr YES NO _____ (INFORM SAFETY OFFICER IMMED.)
 YES NO SAMPLE BOTTLES INTACT
 YES NO PROPER CONTAINERS PER ANALYSIS USED
 YES NO SAMPLE LABELS INTACT
 YES NO LABELS COMPLETE AND LEGIBLE (ID, DATE, TIME, SIGNATURE, PRESERVATIVE)
 YES NO SAMPLES RECEIVED WITHIN HOLDING TIME
 YES NO SAMPLES PROPERLY PRESERVED
 YES NO NO BUBBLES PRESENT VOA WATER MATRIX _____ NA
 YES NO SUFFICIENT SAMPLE VOLUME RECEIVED
 YES NO DRINKING H2O/TREATED H2O - CHECKED FOR RESIDUAL CHLORINE NA
(DOCUMENT ON pH VERIFICATION LOG FORM)

ed INTIAL 1/28 DATE - RUSH REPORT ISSUED BY _____ NA
ed INTIAL 1/28 DATE - pH ANALYSIS PERFORMED BY _____ NA
_____ INTIAL 1/28 DATE - % MOISTURE PERFORMED BY _____ NA
_____ INTIAL 1/28 DATE - SAMPLE COMPOSITE PERFORMED BY _____ NA

NOTE AND ITEMIZE BY SAMPLE AFFECTED, DISCREPANCIES AND NONCONFORMANCES FOUND: _____

PROJECT MANAGER INFORMED OF DISCREPANCIES: _____ INTIALS _____ DATE _____ NA

SUBCONTRACTING OF ANALYSIS REQUIRED YES NO SUB COC COMPLETED YES NO NA
SUBCONTRACTED SAMPLES SHIPPED YES NO CARRIER USED _____

SAMPLE RECEIPT, LABELING AND STORAGE PROCEDURES PERFORMED BY: _____

FINAL INSPECTION
BOTTLES CORRECTLY LABELED YES NO REVIEWED BY [Signature] DATE: 1/28/99
INTERNAL CHAIN OF CUSTODY INITIATED YES NO
ALL SIGNATURES AND DATES COMPLETE YES NO

CLIENT INFORMED OF DISCREPANCIES/NONCONFORMANCES BY PM _____ DATE _____ TIME _____

NAME CLIENT REPRESENTATIVE INFORMED _____ METHOD: PHONE _____ FAX _____

CORRECTIVE ACTION REQUESTED BY CLIENT: _____

CORRECTIVE ACTION TAKEN: _____

PROJECT MANAGER APPROVED VERIFICATION FORM COMPLETE: [Signature] DATE 1/28/99
Print name DDick

955790117



ORGANICS ANALYSIS
DATA AND SAMPLE QUALIFIERS

Severn Trent Laboratories
628 Route 10
Whippany NJ 07981
Tel: (973) 428-8181
Fax: (973) 428-5222

DATA QUALIFIERS:

- U - Indicates that the compound was analyzed for but not detected.
- J - This qualifier indicates an estimated concentration. This qualifier is used (1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL or PQL but greater than zero, and (3) when the retention time data indicate the presence of a compound that meets the Pesticide/Aroclor identification criteria, and the result is less than the CRQL or PQL but greater than zero.
- B - This qualifier is used when the analyte is found in a method blank as well as the sample. It indicates possible sample contamination and warns the user to use caution when applying the results of this analyte.
- E - Exceeds calibration curve
- A - Indicates that a tentatively identified compound is a suspected Aldol-condensation product.
- N - Indicates presumptive evidence of a compound. This qualifier is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all tentatively identified compound results. For generic classification of a tentatively identified compound, such as chlorinated hydrocarbon, the N code is not used.
- D - This qualifier identifies all compounds identified in an analysis at a secondary dilution factor.
- P - Indicates that the quantitative results from the two GC columns differed by more than 25 percent.

SAMPLE QUALIFIERS:

- DL - Indicates that the analysis was performed at a secondary dilution.
- RE - Rerun - Indicates that the analysis is a reinjection or a reextraction and reanalysis, usually due to a failed QC element in the initial analysis.

Other Laboratory Locations:

- 149 Ringway Road, North Andover MA 01862
- 16203 Park Row, Suite 110, Houston TX 77084
- 200 Minor Avenue, Meriden CT 06468

- 120 Southcoast Court, Suite 300, Morrisville NC 27560
- 315 Fulton Avenue, Newburgh NY 12550
- 11 East Olive Road, Northville MI 48151
- 10001 Enterprise Park, 51 Southwestern Road, Westfield MA 01085

a part of
Severn Trent Services Inc

955790118



Severn Trent Laboratories
 628 Route 10
 Whippany NJ 07981
 Tel: (973) 428-8181
 Fax: (973) 428-5222

METALS ANALYSIS
 DATA QUALIFIERS

- U - Result is below the Method Detection Limit (MDL)
- B - Result is between the MDL and the RL (Reporting Limit). (Note that this flag does not have the same meaning as in Organics analysis).
- CP-TR - Trace Inductively Coupled Argon Plasma.
- ICAP - Inductively Coupled Argon Plasma.
- FAA 6211
 FAA 6398 - Graphite Furnace Atomic Absorption.
- CV - Cold Vapor Atomic Absorption.
- NR - Not Requested.

Other Laboratory Locations:

- 149 Ringway Road, North Billerica MA 01862
- 16203 Park Row, Suite 110, Houston TX 77064
- 200 Monroe Turnpike, Monroe CT 06468

- 120 Southcenter Court, Suite 300, Morrisville NC 27560
- 315 Fullerton Avenue, Newburgh NY 12550
- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southampton Road, Westfield MA 01085

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 Severn Trent Services Inc

955790119

Post Spike Report

000027

STL Job No.: 90352

STL Sample No.: 90352003

Client ID: BACK2D

Units: ug/l

Batch: WG18747

Analyte	Original Sample Result	Spike Added	Spike Result	% Recovery
Aluminum	71.66	5,000.00	6,154.50	121.60
Arsenic	7.74	250.00	287.19	111.70
Iron	15,733.00	5,000.00	19,240.00	70.00
Lead	3.48	250.00	238.14	93.80
Manganese	602.40	250.00	799.10	78.80
Sodium	3,976,500.00	250,000.00	4,187,250.00	84.00

STL Sample No.: 90352019

Client ID: BACK2D-D

Units: ug/l

Batch: WG18748

Analyte	Original Sample Result	Spike Added	Spike Result	% Recovery
Aluminum	35.65	5,000.00	6,285.00	125.10
Arsenic	9.35	250.00	300.86	116.70
Iron	12,935.50	5,000.00	17,134.00	84.00
Lead	1.69	250.00	246.10	97.70
Manganese	690.85	250.00	902.30	84.40
Sodium	4,739,500.00	250,000.00	4,759,500.00	8.00

955790120

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000037

BACK1S

Lab Name: STL-NJ

Job No. : 90352

Matrix: (soil/water)Water

Lab Sample ID: 90352001

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I0984

Level: (low/med) LOW

Date Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg)ug/l Q

CAS NO.	COMPOUND	CONCENTRATION	Q
75-09-2	Methylene Chloride	5.0	
67-64-1	Acetone	1.6	U
75-15-0	Carbon Disulfide	0.56	U
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000061

BD012699

Lab Name: STL-NJ

Job No. : 90352

Matrix: (soil/water)Water

Lab Sample ID: 90352008

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I1003

Level: (low/med) LOW

Date Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/l</u>	Q
75-09-2	Methylene Chloride	5.4	
67-64-1	Acetone	1.6	U
75-15-0	Carbon Disulfide	6.7	
71-43-2	Benzene	47	
108-90-7	Chlorobenzene	5.5	
1330-20-7	Total Xylenes	5.3	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000068

FB012699

Lab Name: STL-NJ

Job No. : 90352

Matrix: (soil/water)Water

Lab Sample ID: 90352009

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I0999

Level: (low/med) LOW

Date Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/l</u>	Q
75-09-2	Methylene Chloride	5.3	
67-64-1	Acetone	5.4	
75-15-0	Carbon Disulfide	0.56	U
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000072

BACK2R

Lab Name: STL-NJ

Job No. : 90352

Matrix: (soil/water)Water

Lab Sample ID: 90352010

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I0998

Level: (low/med) LOW

Date Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

75-09-2	Methylene Chloride	2.7	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	0.56	U
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000076

LAP2S

Lab Name: STL-NJ

Job No. : 90352

Matrix: (soil/water)Water

Lab Sample ID: 90352011

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I0989

Level: (low/med) LOW

Date Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND	CONCENTRATION	Q
75-09-2	Methylene Chloride	4.1	
67-64-1	Acetone	2.8	
75-15-0	Carbon Disulfide	0.56	U
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.5	U

000080

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LAP2D

Lab Name: STL-NJJob No. : 90352Matrix: (soil/water) WaterLab Sample ID: 90352012Sample wt/vol: 5 (g/mL) mlLab File ID: I0994Level: (low/med) LOWDate Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99GC Column: DB-624 ID: 0.32 (mm)Dilution Factor: 10.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/l</u>		Q
75-09-2	Methylene Chloride	55		
67-64-1	Acetone	90		
75-15-0	Carbon Disulfide	72		
71-43-2	Benzene	38		
108-90-7	Chlorobenzene	6200		E
1330-20-7	Total Xylenes	15		U

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/l</u>		Q
75-09-2	Methylene Chloride	55		
67-64-1	Acetone	90		
75-15-0	Carbon Disulfide	72		
71-43-2	Benzene	38		
108-90-7	Chlorobenzene	6200		E
1330-20-7	Total Xylenes	15		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000091

LAP2R

Lab Name: STL-NJ

Job No. : 90352

Matrix: (soil/water) Water

Lab Sample ID: 90352013

Sample wt/vol: 5 (g/mL) ml

Lab File ID: I0990

Level: (low/med) LOW

Date Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

75-09-2	Methylene Chloride	5.5	
67-64-1	Acetone	1.6	U
75-15-0	Carbon Disulfide	0.56	U
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.5	U

Metals Analysis Results

000106

Prepared For:
Cytec Industries

STL Sample No.: 90352001
Matrix: Water

Units: ug/l

Client ID: BACK1S
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 16:14	56.8	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 16:14	5.29		1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 16:14	1,050		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 16:14	0.810	B	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 16:14	164		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 16:46	258,000		453	12,500	5.00	WG18747

Qualifiers:

U = Undetected below MDL
B = Detected between MDL and RL*

*RL = Reporting Limit

955790130

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352002
 Matrix: Water

Units: ug/l

Client ID: BACK2S
 Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 16:20	449		7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 16:20	2.07	B	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 16:20	3,090		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 16:20	14.4		0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 16:20	2,620		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 16:52	377,000		905	25,000	10.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790131

Metals Analysis Results

000108

Prepared For:
Cytec Industries

STL Sample No.: 90352003
Matrix: Water

Units: ug/l

Client ID: BACK2D
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 16:26	71.7	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 16:26	7.75		1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 16:26	15,700		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 16:26	3.48		0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 16:26	602		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 16:58	3,977,000		4.530	125,000	50.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790132

TIERRA-C-002775

Metals Analysis Results

000109

Prepared For:
Cytec Industries

STL Sample No.: 90352004MS

Matrix: Water

Units: ug/l

Client ID: BACK2DMSMS

Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 16:38	6,350		7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 16:38	297		1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 16:38	19,600		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 16:38	241		0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 16:38	910		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 17:09	4,671,000		4,530	125,000	50.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790133

Metals Analysis Results

000110

Prepared For:
Cytec Industries

STL Sample No.: 90352005DUP
Matrix: Water

Units: ug/l

Client ID: BACK2DMSDDUP
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 16:32	70.1	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 16:32	8.12		1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 16:32	14,200		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 16:32	4.14		0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 16:32	556		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 17:03	3,456,000		4,530	125,000	50.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790134

Metals Analysis Results

000111

Prepared For:
Cytec Industries

STL Sample No.: 90352006
Matrix: Water

Units: ug/l

Client ID: DPG-2S
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 17:14	28.9	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 17:14	4.38		1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 17:14	328		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 17:14	0.525	U	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 17:14	83.5		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 17:33	2,192,000		2,260	62,500	25.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790135

Metals Analysis Results

000112

Prepared For:
Cytec Industries

STL Sample No.: 90352007

Matrix: Water

Units: ug/l

Client ID: DPG-2D

Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 17:20	54.6	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 17:20	1.53	U	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 17:20	528		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 17:20	0.525	U	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 17:20	551		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 17:39	4,068,000		4,530	125,000	50.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790136

Metals Analysis Results

000113

Prepared For:
Cytec Industries

STL Sample No.: 90352008
Matrix: Water

Units: ug/l

Client ID: BD012699
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzcDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 17:26	69.6	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 17:26	3.10	B	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 17:26	633		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 17:26	0.525	U	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 17:26	672		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 17:57	4,791,000		4,530	125,000	50.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790137

Metals Analysis Results

000114

Prepared For:
Cytec Industries

STL Sample No.: 90352009
Matrix: Water

Units: ug/l

Client ID: FB012699
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 17:32	10.6	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 17:32	1.53	U	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 17:32	18.0	B	17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 17:32	0.525	U	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 17:32	0.710	B	0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/05/99 17:32	861	B	90.5	2,500	1.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790138

Metals Analysis Results

000115

Prepared For:
Cytec Industries

STL Sample No.: 90352010

Matrix: Water

Units: ug/l

Client ID: BACK2R

Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 17:38	78.7	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 17:38	1.53	U	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 17:38	61,100		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 17:38	9.18		0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 17:38	4,940		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 18:03	739,000		905	25,000	10.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790139

Metals Analysis Results

000116

Prepared For:
Cytec Industries

STL Sample No.: 90352011
Matrix: Water

Units: ug/l

Client ID: LAP2S
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 17:44	1,150		7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 17:44	4.89		1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 17:44	2,490		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 17:44	24.3		0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 17:44	368		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 18:09	5,096,000		4,530	125,000	50.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790140

Metals Analysis Results

000117

Prepared For:
Cytec Industries

STL Sample No.: 90352012
Matrix: Water

Units: ug/l

Client ID: LAP2D
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 17:50	28,400		7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 17:50	8.98		1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 17:50	191,000		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 17:50	0.525	U	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 17:50	5,300		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 18:15	3,918,000		4,530	125,000	50.00	WG18747

Qualifiers:

U = Undetected below MDL
B = Detected between MDL and RL*

*RL = Reporting Limit

955790141

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352013
Matrix: Water

Units: ug/l

Client ID: LAP2R
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 17:56	44.5	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 17:56	1.53	U	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 17:56	21,100		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/09/99 18:21	5.25	U	5.25	15.0	10.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 17:56	3,940		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 18:27	4,111,000		4,530	125,000	50.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790142

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352014
Matrix: Water

Units: ug/l

Client ID: FB012799
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 18:02	10.8	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 18:02	1.53	U	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 18:02	35.8	B	17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 18:02	0.525	U	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 18:02	1.58	B	0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/05/99 18:02	1,400	B	90.5	2,500	1.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790143

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352015
Matrix: Water

Units: ug/l

Client ID: DPG2R
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 18:08	51.4	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 18:08	1.53	U	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 18:08	3,240		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/11/99 18:03	5.25	U	5.25	15.0	10.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 18:08	1,840		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/11/99 18:03	1,097,000		905	25,000	10.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790144

Metals Analysis Results

000121

Prepared For:
Cytec Industries

STL Sample No.: 90352017
Matrix: Water

Units: ug/l

Client ID: BACK1S-D
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 18:26	37.3	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 18:26	5.29		1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 18:26	826		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 18:26	0.525	U	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 18:26	146		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 18:39	263,000		453	12,500	5.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790145

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352018
Matrix: Water

Units: ug/l

Client ID: BACK2S-D
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 18:32	24.3	B	7.30	100.0	1.00	WG18747
7440-38-2	Arsenic	ICP-TR	02/05/99 18:32	1.53	U	1.53	4.00	1.00	WG18747
7439-89-6	Iron	ICP-TR	02/05/99 18:32	1,530		17.8	50.0	1.00	WG18747
7439-92-1	Lead	ICP-TR	02/05/99 18:32	0.525	U	0.525	1.50	1.00	WG18747
7439-96-5	Manganese	ICP-TR	02/05/99 18:32	2,710		0.211	7.50	1.00	WG18747
7440-23-5	Sodium	ICP-TR	02/09/99 18:45	391,000		905	25,000	10.00	WG18747

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790146

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352019
Matrix: Water

Units: ug/l

Client ID: BACK2D-D
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 19:43	35.7	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 19:43	9.35		1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 19:43	12,900		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 19:43	1.69		0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 19:43	691		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 19:09	4,740,000		4,530	125,000	50.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790147

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352020MS
Matrix: Water

Units: ug/l

Client ID: BACK2DMS-DMS
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 19:55	6,380		7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 19:55	305		1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 19:55	19,600		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 19:55	239		0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 19:55	1,010		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 19:21	5,365,000		4,530	125,000	50.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790148

Metals Analysis Results

000125

Prepared For:
Cytec Industries

STL Sample No.: 90352021DUP
Matrix: Water

Units: ug/l

Client ID: BACK2DMSD-DDUP
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 19:49	38.9	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 19:49	12.0		1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 19:49	15,600		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 19:49	0.525	U	0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 19:49	818		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 19:15	5,682,000		4,530	125,000	50.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790149

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352022

Matrix: Water

Units: ug/l

Client ID: DPG-2S-D

Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 20:19	30.9	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 20:19	3.77	B	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 20:19	358		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 20:19	0.525	U	0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 20:19	89.4		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 19:44	2,244,000		2,260	62,500	25.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790150

Metals Analysis Results

000127

Prepared For:
Cytec Industries

STL Sample No.: 90352023

Matrix: Water

Units: ug/l

Client ID: DPG-25-D

Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 20:25	39.7	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 20:25	2.50	B	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 20:25	591		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 20:25	0.525	U	0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 20:25	631		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 19:50	4,494,000		4,530	125,000	50.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790151

Metals Analysis Results

000128

Prepared For:
Cytec Industries

STL Sample No.: 90352024
Matrix: Water

Units: ug/l

Client ID: BD012699-D
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 20:43	28.0	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 20:43	2.74	B	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 20:43	582		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 20:43	0.525	U	0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 20:43	654		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 19:56	4,763,000		4,530	125,000	50.00	WG18748

Qualifiers:

U = Undetected below MDL
B = Detected between MDL and RL*

*RL = Reporting Limit

955790152

Metals Analysis Results

000129

Prepared For:
Cytec Industries

STL Sample No.: 90352025
Matrix: Water

Units: ug/l

Client ID: FB012699-D
Sample Date: 01/26/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 20:49	8.68	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 20:49	1.53	U	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 20:49	17.8	U	17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 20:49	0.675	B	0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 20:49	0.820	B	0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/05/99 20:49	749	B	90.5	2,500	1.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790153

Metals Analysis Results

000130

Prepared For:
Cytec Industries

STL Sample No.: 90352026
Matrix: Water

Units: ug/l

Client ID: BACK2R-D
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzcDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 20:55	68.0	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 20:55	1.53	U	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 20:55	61,300		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 20:55	8.59		0.525	1.50	1.00	WG18748
7439-96-5	Manganesc	ICP-TR	02/05/99 20:55	5,000		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 20:02	739,000		905	25,000	10.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790154

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352027
Matrix: Water

Units: ug/l

Client ID: LAP2S-D
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 21:01	31.2	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 21:01	2.37	B	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 21:01	60.4		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 21:01	0.525	U	0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 21:01	21.8		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 20:20	5,112,000		4,530	125,000	50.00	WG18748

Qualifiers:

U = Undetected below MDL
B = Detected between MDL and RL*

*RL = Reporting Limit

955790155

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352028
Matrix: Water

Units: ug/l

Client ID: LAP2D-D
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 21:07	28,600		7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 21:07	9.14		1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 21:07	233,000		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 21:07	0.525	U	0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 21:07	6,120		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 20:26	3,878,000		4,530	125,000	50.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790156

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352029
Matrix: Water

Units: ug/l

Client ID: LAP2R-1)
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 21:13	32.4	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 21:13	1.53	U	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 21:13	21,000		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/09/99 20:32	5.25	U	5.25	15.0	10.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 21:13	3,980		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 20:38	3,944,000		4,530	125,000	50.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790157

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352030
Matrix: Water

Units: ug/l

Client ID: FB012799-D
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 21:19	10.1	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 21:19	1.53	U	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 21:19	29.2	B	17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/05/99 21:19	0.585	B	0.525	1.50	1.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 21:19	0.480	B	0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/05/99 21:19	817	B	90.5	2,500	1.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790158

Metals Analysis Results

Prepared For:
Cytec Industries

STL Sample No.: 90352031
Matrix: Water

Units: ug/l

Client ID: DPG2R-D
Sample Date: 01/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	02/05/99 21:25	23.0	B	7.30	100.0	1.00	WG18748
7440-38-2	Arsenic	ICP-TR	02/05/99 21:25	1.53	U	1.53	4.00	1.00	WG18748
7439-89-6	Iron	ICP-TR	02/05/99 21:25	1,350		17.8	50.0	1.00	WG18748
7439-92-1	Lead	ICP-TR	02/09/99 20:44	5.25	U	5.25	15.0	10.00	WG18748
7439-96-5	Manganese	ICP-TR	02/05/99 21:25	1,580		0.211	7.50	1.00	WG18748
7440-23-5	Sodium	ICP-TR	02/09/99 20:44	1,063,000		905	25,000	10.00	WG18748

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790159

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

BACK2DMSMS

Lab Name: STL-NJ

Job No. : 90352

Matrix: (soil/water)Water

Lab Sample ID: 90352004MS

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I1006

Level: (low/med) LOW

Date Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

75-09-2	Methylene Chloride	21	
67-64-1	Acetone	22	
75-15-0	Carbon Disulfide	16	
71-43-2	Benzene	21	
108-90-7	Chlorobenzene	25	
1330-20-7	Total Xylenes	76	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000194

BACK2DMSDMSD

Lab Name: STL-NJ

Job No. : 90352

Matrix: (soil/water)Water

Lab Sample ID: 90352005MSD

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I0997

Level: (low/med) LOW

Date Received: 01/28/99

% Moisture: not dec. _____

Date Analyzed: 02/01/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/l</u>	Q
75-09-2	Methylene Chloride	23	
67-64-1	Acetone	24	
75-15-0	Carbon Disulfide	14	
71-43-2	Benzene	20	
108-90-7	Chlorobenzene	24	
1330-20-7	Total Xylenes	70	



Severn Trent Laboratories
628 Route 10
Whippany, NJ 07981
Tel: (973) 428-8181
Fax: (973) 428-5222

REGULATORY FORMAT DATA PACKAGE

SAMPLING DATE: JULY 20, 1999

CYTEC INDUSTRIES

Project: CYTEC WARNERS/440.52.021

PREPARED BY:

SEVERN TRENT LABORATORIES

(CERTIFICATION NUMBER 14530)

STL JOB No. 20990-92973

VOLUME 1 of 1

47

Other Laboratory Locations:

- 149 Rangeway Road, North Billerica MA 01862
- 16203 Park Row, Suite 110, Houston TX 77064
- 53 South Park Drive, Colchester, VT 05446
- 315 Fullerton Avenue, Newburgh NY 12550

- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southampton Road, Westfield MA 01085
- 200 Monroe Turnpike, Monroe, CT 06468

a part of
Severn Trent Services Inc.

955790163

BBC000014

TIERRA-C-002805



AUGUST 11, 1999

20990-92973
BLASLAND BOUCK & LEE, INC.
8 SOUTH RIVER ROAD
CRANBURY , NJ 08512

ATTENTION: GEOFF BANDOLA

The following samples were received for analysis by STL-NJ (Cert.#14530). These samples were received on and labeled as follows:

<u>STL Sample No.:</u>	<u>Client ID:</u>	<u>Date Received</u>
92973001	BACK1S	07/22/99
92973002	BACK2S	07/22/99
92973003	BACK2D	07/22/99
92973004	BACK2DMS	07/22/99
92973005	BACK2DMSD	07/22/99
92973006	BACK-2R	07/22/99
92973007	LAP-2S	07/22/99
92973008	LAP-2D	07/22/99
92973009	LAP-2R	07/22/99
92973010	FB072099	07/22/99
92973011	TB072099	07/22/99
92973012	DPG-2S	07/22/99
92973013	FB072199	07/22/99
92973014	DPG-2R	07/22/99
92973015	BD072199	07/22/99
92973016	BACK-1S-D	07/22/99
92973017	BACK-2S-D	07/22/99
92973018	BACK-2D-D	07/22/99
92973019	BACK2DMS-D	07/22/99
92973020	BACK2DMSD-D	07/22/99
92973021	BACK-2R-D	07/22/99
92973022	LAP-2S-D	07/22/99
92973023	LAP-2D-D	07/22/99
92973024	LAP-2R-D	07/22/99

DATA RELEASE AUTHORIZED BY:

Carl W. Armbruster
Director of Operations

955790164

a part of
Sewer Treatment Services Inc

TIERRA-C-002806



AUGUST 11, 1999

20990-92973
BLASLAND BOUCK & LEE, INC.
8 SOUTH RIVER ROAD
CRANBURY , NJ 08512

ATTENTION: GEOFF BANDOLA

The following samples were received for analysis by STL-NJ
(Cert.#14530). These samples were received on and labeled as follows:

<u>STL Sample No.:</u>	<u>Client ID:</u>	<u>Date Received</u>
92973025	FB072099-D	07/22/99
92973026	DPG-2S-D	07/22/99
92973027	FB072199-D	07/22/99
92973028	DPG-2R-D	07/22/99
92973029	BD072199-D	07/22/99

DATA RELEASE AUTHORIZED BY:

Carl W. Armbruster
Director of Operations

955790165

a part of
Sovereign Technology Services Inc

TIERRA-C-002807

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Severn Trent Laboratories
 628 Route 10
 Whippany NJ 07981
 Tel: (973) 428-8181
 Fax: (973) 428-5222

STL - NJ Lab Certifications

STL - NJ possesses the following regulatory certifications and is currently certified to perform analysis in accordance with regulations pertaining to these certifications. Certificates are on file at the laboratory.

State/Agency Certification	Lab ID Number
CLP Organics Contract	68D50011
Connecticut	PH0722
Maryland	195
New Jersey	14530
New York	10997
North Carolina	339
Pennsylvania	68-355
Rhode Island	178
West Virginia	258
USDA Permit	S-3295 Revised
Delaware	NJ323

Last Updated: 7/15/98

Other Laboratory Locations:

- 149 Ringway Road, North Bayux MA 01862
- 16203 Park Row, Suite 110, Houston TX 77064
- 700 Monroe Highway, Monroe CT 06468

- 120 Southcenter Court, Suite 300, Morrisville NC 27560
- 315 Fullerton Avenue, Newburgh NY 12550
- 111 East Olive Road, Porterville CA 92364
- 11000 E. Main Street, Suite 300, Westborough MA 01581

a part of
 Severn Trent Services Inc

955790167

TIERRA-C-002809



Severi Labc s
628 Route 10
Whippany NJ 07981

Tel: (973) 428-8181
Fax: (973) 428-5222

(2) 206' 21' 72231
CHAIN OF CUSTODY
FIELD BOOK: 955790168 Pg 1 of 1

Client: Blasland, Bouck & Lee, Inc.
 Project Name/ no.: Cytec Warners
 Client Contact: Geoff Bardola
 STL Contact: Deanna Doster
 TAT: 1wk, 2wk, 3WK OTHER
 Proj. Type: NIPDES, NPDES, ISRA, CLP, CERCLA, RCRA, UST, COM MOA, OTHER
 Protocol: CLP, SW846, EPA 600
 Reporting Type: NJ Reg Format, NJ Reduced Format
Changed on per. CLP Level II, Level I (Data Sum), only Bardola 08/27/99

Client ID (10 CHAR) Date (11) Time (12) Mtx
 B A C K - 1 9 7/22/99 0910 A Q
 B A C K - 2 9 7/22/99 1030 A Q
 B A C K - 2 D 7/22/99 1130 A Q
 B A C K - 2 R 7/22/99 1200 A Q
 L A P - 2 S 7/22/99 1600 A Q
 L A P - 2 D 7/22/99 1525 A Q
 L A P - 2 R 7/22/99 1330 A Q
 F B O 7 2 0 9 9 7/22/99 1615 A Q
 T B O 7 2 0 9 9 7/22/99 - A Q
 D P G - 2 S 7/22/99 1400 A Q
 F B O 7 2 1 9 9 7/22/99 1425 A Q
 D P G - 2 R 7/22/99 1540 A Q
 B B O 7 2 1 9 9 7/22/99 - A Q

OF CONTAINERS (13)
 VOA (624) 3
 Total Metals (200.7) 1
 Filtered Metals (200.7) 1
 016 VOA 001 5
 017 VOA 001 5
 018 VOA 001 15
 21 VOA 001 5
 22 VOA 001 5
 23 VOA 001 5
 24 VOA 001 5
 25 VOA 001 5
 26 VOA 001 3
 27 VOA 001 5
 28 VOA 001 5
 29 VOA 001 5

For Lab Use Only
 Job No. 999773
 Quote No. _____
 # of Coolers: _____
 Cooler Temp.(s) _____
 Custody Seal #(s) _____
 Date Due: _____

PM NON-CONFORMANCE
 Preserved: _____ Temp: _____
 Container: _____ Volume: _____
 Broken: _____ Initials: _____
 Holding Time: _____
 Other: _____
 Logged By: _____
 DESCRIPTION

Bill To: Cytec Industries Inc.
 PO# 440.52021.022
 ANALYSIS REQUIRED

Signature: Geoff Bardola
 Signature: Deanna Doster
 Signature: Geoff Bardola
 Signature: Deanna Doster

Print Name and Company
 Received By: Geoff Bardola STL
 Received By: ALD'Archulete STL
 Relinquished By: Geoff Bardola
 Relinquished By: Deanna Doster STL
 Relinquished By: _____
 Relinquished By: _____

Signature: Deanna Doster
 Signature: Geoff Bardola
 Signature: Deanna Doster
 Signature: Geoff Bardola

Custody Seal #(s)
6814
6815

Date/Time
7/22/99
7/22/99 11:20
7/22/99 11:50
7/22/99 15:00
1600
1601

COMMENTS: (Please include hazards on site.)
Back-2-D Triple Volume for Al, As, Fe, Pb, Mn, Na
Metals analyze for Al, As, Fe, Pb, Mn, Na
VOA analyze for Carbon Dioxide, Methylene Chloride, Acetone, Benzene, chlorobenzene, Xylenes

Mtx = Matrix of Sample. (AI=Air, AQ=Aqueous, LE=Leachate, ML=Misc Liquid, MS=Misc Solids, OIL, SE=Sediment, SL=Sludge, SO=Soil)

(Copies: White and yellow copies should accompany samples to STL. The pink copy should be retained by the client.) See reverse for directions

SEVERN TRENT LABORATORIES, Inc. - NEW JERSEY
SAMPLE RECEIPT VERIFICATION FORM

000002

JOB NUMBER: 92973 CLIENT KAL DATE RECEIVED: 7/22/99

OF SAMPLES 25 # OF COOLERS 2
CUSTODY SEALS: PRESENT/ABSENT INTACT/BROKEN TEMPERATURE BLANK PRESENT: YES NO

COOLER TEMP/S °C 3.1 4.5 COOLER OUTSIDE 2-6 °C PRESERVED: BLUE ICE/NONE
IF OUTSIDE TEMP RANGE - WERE SAMPLES RECEIVED LESS THAN 4 HOURS FROM COLLECTION? YES NO

CHAIN OF CUSTODY: PRESENT/ABSENT PROPERLY SIGNED, DATED, TIME: YES NO
SAMPLE TAGS: PRESENT/ABSENT RECEIVED BY: DRIVER IF SHIPPED AIRBILL PRESENT #

COOLER RADIOACT. SCREEN BELOW 0.50 uR/hr YES NO (INFORM SAFETY OFFICER IMMED.)

- YES NO SAMPLE BOTTLES INTACT
- YES NO PROPER CONTAINERS PER ANALYSIS USED
- YES NO SAMPLE LABELS INTACT
- YES NO LABELS COMPLETE AND LEGIBLE (ID, DATE, TIME, SIGNATURE, PRESERVATIVE)
- YES NO SAMPLES RECEIVED WITHIN HOLDING TIME
- YES NO SAMPLES PROPERLY PRESERVED
- YES NO NO BUBBLES PRESENT VOA WATER MATRIX NA
- YES NO SUFFICIENT SAMPLE VOLUME RECEIVED
- YES NO DRINKING H₂O/TREATED H₂O - CHECKED FOR RESIDUAL CHLORINE NA
(DOCUMENT ON pH VERIFICATION LOG FORM)

AL INTIAL 7/23 DATE - RUSH REPORT ISSUED BY NA
INTIAL _____ DATE - pH ANALYSIS PERFORMED BY NA
INTIAL _____ DATE - % MOISTURE PERFORMED BY NA
INTIAL _____ DATE - SAMPLE COMPOSITE PERFORMED BY NA

NOTE AND ITEMIZE BY SAMPLE AFFECTED, DISCREPANCIES AND NONCONFORMANCES FOUND: _____

PROJECT MANAGER INFORMED OF DISCREPANCIES: _____ INTIALS _____ DATE NA

SUBCONTRACTING OF ANALYSIS REQUIRED YES NO SUB COC COMPLETED YES NO NA
SUBCONTRACTED SAMPLES SHIPPED YES NO CARRIER USED _____

SAMPLE RECEIPT, LABELING AND STORAGE PROCEDURES PERFORMED BY: T. D. ...

FINAL INSPECTION

BOTTLES CORRECTLY LABELED YES NO REVIEWED BY [Signature] DATE: 7/22/99
INTERNAL CHAIN OF CUSTODY INITIATED YES NO
ALL SIGNATURES AND DATES COMPLETE YES NO

CLIENT INFORMED OF DISCREPANCIES/NONCONFORMANCES BY PM _____ DATE _____ TIME _____

NAME CLIENT REPRESENTATIVE INFORMED _____ METHOD: PHONE _____ FAX _____

CORRECTIVE ACTION REQUESTED BY CLIENT: _____

CORRECTIVE ACTION TAKEN: _____

PROJECT MANAGER APPROVED VERIFICATION FORM COMPLETE: [Signature] DATE 7/23/99
Print name D. Dock

955790169

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000035

BACK1S

Lab Name: STL-NJ

Job No. : 92973

Matrix: (soil/water)Water

Lab Sample ID: 92973001

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I7427

Level: (low/med) LOW

Date Received: 07/22/99

% Moisture: not dec. _____

Date Analyzed: 07/24/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg)ug/l

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/l</u>	Q
75-09-2	Methylene Chloride	1.8	
67-64-1	Acetone	1.6	U
75-15-0	Carbon Disulfide	0.56	U
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.2	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000040

BACK2S

Lab Name: STL-NJ

Job No. : 92973

Matrix: (soil/water)Water

Lab Sample ID: 92973002

Sample wt/vol: 5 (g/mL)ml

Lab File ID: I7428

Level: (low/med) LOW

Date Received: 07/22/99

% Moisture: not dec. _____

Date Analyzed: 07/24/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND	CONCENTRATION	Q
75-09-2	Methylene Chloride	3.8	
67-64-1	Acetone	1.6	U
75-15-0	Carbon Disulfide	2.8	
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000044

BACK2D

Lab Name: STL-NJ

Job No. : 92973

Matrix: (soil/water)Water

Lab Sample ID: 92973003

Sample wt/vol: 5 (g/mL) ml

Lab File ID: I7429

Level: (low/med) LOW

Date Received: 07/22/99

% Moisture: not dec. _____

Date Analyzed: 07/24/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND	CONCENTRATION	Q
75-09-2	Methylene Chloride	1.9	
67-64-1	Acetone	1.6	U
75-15-0	Carbon Disulfide	0.56	U
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000048

BACK-2R

Lab Name: STL-NJ

Job No. : 92973

Matrix: (soil/water) Water

Lab Sample ID: 92973006

Sample wt/vol: 5 (g/mL) ml

Lab File ID: I7430

Level: (low/med) LOW

Date Received: 07/22/99

% Moisture: not dec. _____

Date Analyzed: 07/24/99

GC Column: DB-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

75-09-2	Methylene Chloride	2.5	
67-64-1	Acetone	1.6	U
75-15-0	Carbon Disulfide	0.56	U
71-43-2	Benzene	0.26	U
108-90-7	Chlorobenzene	0.58	U
1330-20-7	Total Xylenes	1.5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LAP-2D

Lab Name: STL-NJJob No. : 92973Matrix: (soil/water) WaterLab Sample ID: 92973008Sample wt/vol: 5 (g/mL) mlLab File ID: I7432Level: (low/med) LOWDate Received: 07/22/99

% Moisture: not dec. _____

Date Analyzed: 07/24/99GC Column: DB-624 ID: 0.32 (mm)Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/l</u>	Q
75-09-2	Methylene Chloride	140	
67-64-1	Acetone	78	U
75-15-0	Carbon Disulfide	230	
71-43-2	Benzene	130	
108-90-7	Chlorobenzene	20000	
1330-20-7	Total Xylenes	75	U

Metals Analysis Results

000085

Prepared For:
Cytec Industries

STL Sample No.: 92973001
Matrix: Water

Units: ug/l

Client ID: BACK1S
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 19:35	36.5	U	36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 19:35	22.9		7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 19:35	2,000		89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 19:35	2.63	U	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 19:35	141		1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/04/99 19:35	274,000		453	12,500	5.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL *

*RL = Reporting Limit

955790175

Metals Analysis Results

000086

Prepared For:
Cytec Industries

STL Sample No.: 92973002

Matrix: Water

Units: ug/l

Client ID: BACK2S

Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 19:41	36.5	U	36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 19:41	7.63	U	7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 19:41	1,760		89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 19:41	6.45	B	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 19:41	1,410		1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/04/99 19:41	296,000		453	12,500	5.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790176

Metals Analysis Results

000087

Prepared For:
Cytec Industries

STL Sample No.: 92973003

Matrix: Water

Units: ug/l

Client ID: BACK2D

Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 19:47	36.5	U	36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 19:47	15.3	B	7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 19:47	17,800		89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 19:47	2.63	U	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 19:47	956		1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/06/99 14:13	5,730,000		4,530	125,000	50.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790177

Metals Analysis Results

000088

Prepared For:
Cytec Industries

STL Sample No.: 92973004MS
Matrix: Water

Units: ug/l

Client ID: BACK2DMSMS
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 19:59	5,850		36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 19:59	272		7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 19:59	22,000		89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 19:59	215		2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 19:59	1,160		1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/06/99 14:24	5,765,000		4,530	125,000	50.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790178

Metals Analysis Results

000089

Prepared For:
Cytec Industries

STL Sample No.: 92973005DUP
Matrix: Water

Units: ug/l

Client ID: BACK2DMSDDUP
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 19:53	36.5	U	36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 19:53	7.63	U	7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 19:53	16,800		89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 19:53	2.63	U	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 19:53	902		1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/06/99 14:19	5,539,000		4,530	125,000	50.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790179

Metals Analysis Results

000090

Prepared For:
Cytec Industries

STL Sample No.: 92973006
Matrix: Water

Units: ug/l

Client ID: BACK-2R
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 20:34	36.5	U	36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 20:34	7.63	U	7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 20:34	134,000		89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 20:34	2.63	U	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 20:34	5,210		1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/06/99 14:48	789,000		905	25,000	10.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790180

Metals Analysis Results

000091

Prepared For:
Cytec Industries

STL Sample No.: 92973007
Matrix: Water

Units: ug/l

Client ID: LAP-2S
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 20:40	36.5	U	36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 20:40	9.65	B	7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 20:40	89.0	U	89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 20:40	2.63	U	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 20:40	10.5	B	1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/06/99 14:54	6,837,000		4,530	125,000	50.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790181

Metals Analysis Results

000092

Prepared For:
Cytec Industries

STL Sample No.: 92973008

Matrix: Water

Units: ug/l

Client ID: LAP-2D

Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 20:46	20,400		36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 20:46	19.3	B	7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 20:46	215,000		89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 20:46	2.63	U	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 20:46	6,580		1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/06/99 15:00	3,808,000		4,530	125,000	50.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790182

Metals Analysis Results

000093

Prepared For:
Cytec Industries

STL Sample No.: 92973009

Matrix: Water

Units: ug/l

Client ID: LAP-2R

Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 20:52	36.5	U	36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 20:52	7.63	U	7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 20:52	45,200		89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 20:52	2.63	U	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 20:52	4,170		1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/06/99 15:06	3,924,000		4,530	125,000	50.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790183

Metals Analysis Results

000094

Prepared For:
Cytec Industries

STL Sample No.: 92973010
Matrix: Water

Units: ug/l

Client ID: FB072099
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 20:58	36.5	U	36.5	500	5.00	WG30817
7440-38-2	Arsenic	ICP-TR	08/04/99 20:58	7.63	U	7.63	20.0	5.00	WG30817
7439-89-6	Iron	ICP-TR	08/04/99 20:58	89.0	U	89.0	250	5.00	WG30817
7439-92-1	Lead	ICP-TR	08/04/99 20:58	2.63	U	2.63	7.50	5.00	WG30817
7439-96-5	Manganese	ICP-TR	08/04/99 20:58	3.53	B	1.06	37.5	5.00	WG30817
7440-23-5	Sodium	ICP-TR	08/04/99 20:58	453	U	453	12,500	5.00	WG30817

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790184

Metals Analysis Results

000095

Prepared For:
Cytec Industries

STL Sample No.: 92973012

Matrix: Water

Units: ug/l

Client ID: DPG-2S

Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 21:40	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 21:40	7.63	U	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 21:40	2,220		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 21:40	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 21:40	152		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/06/99 15:30	3,461,000		4,530	125,000	50.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790185

Metals Analysis Results

000096

Prepared For:
Cytec Industries

STL Sample No.: 92973013

Matrix: Water

Units: ug/l

Client ID: FB072199

Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 21:46	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 21:46	7.63	U	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 21:46	89.0	U	89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 21:46	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 21:46	1.93	B	1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 21:46	453	U	453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790186

Metals Analysis Results

000097

Prepared For:
Cytec Industries

STL Sample No.: 92973014
Matrix: Water

Units: ug/l

Client ID: DPG-2R
Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 21:52	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 21:52	9.70	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 21:52	2,470		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 21:52	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 21:52	410		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 21:52	282,000		453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790187

Metals Analysis Results

Prepared For:
Cytec Industries

000098

STL Sample No.: 92973015

Matrix: Water

Units: ug/l

Client ID: BD072199

Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 21:58	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 21:58	7.63	U	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 21:58	2,580		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 21:58	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 21:58	433		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 21:58	289,000		453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790188

Metals Analysis Results

000099

Prepared For:
Cytec Industries

STL Sample No.: 92973016
Matrix: Water

Units: ug/l

Client ID: BACK-1S-D
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 22:04	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 22:04	13.3	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 22:04	1,460		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 22:04	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 22:04	136		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 22:04	265,000		453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790189

Metals Analysis Results

000100

Prepared For:
Cytec Industries

STL Sample No.: 92973017
Matrix: Water

Units: ug/l

Client ID: BACK-2S-D
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 22:10	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 22:10	12.1	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 22:10	698		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 22:10	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 22:10	1,090		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 22:10	267,000		453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790190

Metals Analysis Results

000101

Prepared For:
Cytec Industries

STL Sample No.: 92973018

Matrix: Water

Units: ug/l

Client ID: BACK-2D-D

Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 22:16	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 22:16	21.0		7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 22:16	17,900		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 22:16	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 22:16	959		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/06/99 15:36	5,797,000		4,530	125,000	50.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790191

Metals Analysis Results

000102

Prepared For:
Cytec Industries

STL Sample No.: 92973019MS
Matrix: Water

Units: ug/l

Client ID: BACK2DMS-DMS
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 22:40	5,700		36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 22:40	272		7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 22:40	21,800		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 22:40	212		2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 22:40	1,150		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/06/99 15:48	5,602,000		4,530	125,000	50.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790192

Metals Analysis Results

000103

Prepared For:
Cytec Industries

STL Sample No.: 92973020DUP
Matrix: Water

Units: ug/l

Client ID: BACK2DMSD-DDUP
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 22:22	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 22:22	15.6	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 22:22	17,300		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 22:22	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 22:22	925		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/06/99 15:42	5,675,000		4,530	125,000	50.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790193

Metals Analysis Results

000104

Prepared For:
Cytec Industries

STL Sample No.: 92973021

Matrix: Water

Units: ug/l

Client ID: BACK-2R-D

Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 23:04	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 23:04	7.63	U	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 23:04	123,000		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 23:04	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 23:04	4,960		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 23:04	723,000		453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790194

Metals Analysis Results

000105

Prepared For:
Cytec Industries

STL Sample No.: 92973022
Matrix: Water

Units: ug/l

Client ID: LAP-2S-D
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 23:10	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 23:10	10.6	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 23:10	89.0	U	89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 23:10	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 23:10	4.95	B	1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/06/99 16:12	6,799,000		4,530	125,000	50.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790195

Metals Analysis Results

000106

Prepared For:
Cytec Industries

STL Sample No.: 92973023
Matrix: Water

Units: ug/l

Client ID: LAP-2D-D
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 23:16	19,600		36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 23:16	17.3	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 23:16	208,000		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 23:16	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 23:16	6,440		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/06/99 16:18	3,804,000		4,530	125,000	50.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790196

Metals Analysis Results

000107

Prepared For:
Cytec Industries

STL Sample No.: 92973024

Matrix: Water

Units: ug/l

Client ID: LAP-2R-D

Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 23:22	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 23:22	7.63	U	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 23:22	27,500		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/06/99 16:36	5.25	U	5.25	15.0	10.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 23:22	4,000		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/06/99 16:42	3,826,000		4,530	125,000	50.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790197

Metals Analysis Results

000108

Prepared For:
Cytec Industries

STL Sample No.: 92973025
Matrix: Water

Units: ug/l

Client ID: FB072099-D
Sample Date: 07/20/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 23:28	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 23:28	7.63	U	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 23:28	89.0	U	89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 23:28	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 23:28	1.63	B	1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 23:28	453	U	453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790198

Metals Analysis Results

000109

Prepared For:
Cytec Industries

STL Sample No.: 92973026

Matrix: Water

Units: ug/l

Client ID: DPG-2S-D

Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 23:34	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 23:34	9.60	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 23:34	2,070		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 23:34	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 23:34	150		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/06/99 16:48	3,611,000		4,530	125,000	50.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790199

Metals Analysis Results

000110

Prepared For:
Cytec Industries

STL Sample No.: 92973027

Matrix: Water

Units: ug/l

Client ID: FB072199-D

Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 23:52	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 23:52	7.63	U	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 23:52	89.0	U	89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 23:52	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 23:52	1.33	B	1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 23:52	453	U	453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790200

Metals Analysis Results

000111

Prepared For:
Cytec Industries

STL Sample No.: 92973028
Matrix: Water

Units: ug/l

Client ID: DPG-2R-D
Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/04/99 23:58	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/04/99 23:58	9.05	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/04/99 23:58	3,520		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/04/99 23:58	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/04/99 23:58	1,140		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/04/99 23:58	557,000		453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL
B = Detected between MDL and RL*

*RL = Reporting Limit

955790201

Metals Analysis Results

000112

Prepared For:
Cytec Industries

STL Sample No.: 92973029
Matrix: Water

Units: ug/l

Client ID: BD072199-D
Sample Date: 07/21/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7429-90-5	Aluminum	ICP-TR	08/05/99 00:04	36.5	U	36.5	500	5.00	WG30842
7440-38-2	Arsenic	ICP-TR	08/05/99 00:04	8.93	B	7.63	20.0	5.00	WG30842
7439-89-6	Iron	ICP-TR	08/05/99 00:04	2,650		89.0	250	5.00	WG30842
7439-92-1	Lead	ICP-TR	08/05/99 00:04	2.63	U	2.63	7.50	5.00	WG30842
7439-96-5	Manganese	ICP-TR	08/05/99 00:04	868		1.06	37.5	5.00	WG30842
7440-23-5	Sodium	ICP-TR	08/05/99 00:04	458,000		453	12,500	5.00	WG30842

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790202



Severn Trent Laboratories
628 Route 10
Whippany, NJ 07981
Tel: (973) 428-8181
Fax: (973) 428-5222

REGULATORY FORMAT DATA PACKAGE

SAMPLING DATE: JULY 27, 1999

CYTEC INDUSTRIES

Project: CYTEC WARNERS

PREPARED BY:

SEVERN TRENT LABORATORIES

(CERTIFICATION NUMBER 14530)

STL JOB No. 20990-93053

VOLUME 1 of 1

Other Laboratory Locations:

- 149 Rangway Road, North Billerica MA 01862
- 16203 Park Row, Suite 110, Houston TX 77084
- 55 South Park Drive, Colchester, VT 03446
- 315 Fullerton Avenue, Newburgh NY 12550

- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southampton Road, Westfield MA 01085
- 200 Monroe Turnpike, Monroe, CT 06468

a part of
Severn Trent Services Inc.

955790204

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BBC000015

TIERRA-C-002845



AUGUST 27, 1999

20990-93053
BLASLAND, BOUCK & LEE, INC.
8 SOUTH RIVER ROAD
CRANBURY , NJ 08512

ATTENTION: GEOFFREY BANDOLA

The following samples were received for analysis by STL-NJ (Cert.#14530). These samples were received on and labeled as follows:

<u>STL Sample No.:</u>	<u>Client ID:</u>	<u>Date Received</u>
93053001	BB6	07/29/99
93053002	E8	07/29/99
93053003	I9	07/29/99
93053004	O10	07/29/99
93053005	I9MS	07/29/99
93053006	I9MSD	07/29/99
93053007	BD072799	07/29/99
93053008	FB072799	07/29/99

DATA RELEASE AUTHORIZED BY:

Carl W. Armbruster
Director of Operations

955790205

a part of
Sewer Treatment Services Inc

TIERRA-C-002846



Severn Trent Laboratories
 628 Route 10
 Whippany, NJ 07981
 Tel: (973) 428-8181
 Fax: (973) 428-5222

STL - WHIPPANY LAB CERTIFICATIONS

STL - NJ possesses the following regulatory certification and is currently certified to perform analysis in accordance with regulations pertaining to these certifications. Certificates are on file at the laboratory.

State/Agency Certification	Lab ID Number
CLP Organics Contract	68D50011
Connecticut	PH0722
Maryland	195
New Jersey	14530
New York	10997
North Carolina	339
Pennsylvania	68-355
Rhode Island	178
USDA Permit	S-3295 Revised
Delaware	NJ323

rpdata\stlcert.for

Last Updated: 8/18/99

Other Laboratory Locations:

- 149 Rangeway Road, North Billerica MA 01862
- 16203 Park Row, Suite 110, Houston TX 77084
- 55 South Park Drive, Colchester, VT 05446
- 315 Fullerton Avenue, Newburgh NY 12550
- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southampton Road, Westfield MA 01085
- 200 Monroe Turnpike, Monroe, CT 06468

a part of
 Severn Trent Services Inc

955790206

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Pesticides/PCBs by GC Results	535
Metals Results.	537

955790207



Severn Trent Laboratories
628 Route 10
Whippany NJ 07981

Tel: (973) 428-8181
Fax: (973) 428-5222

955790208

CHAIN OF CUSTODY

FIELD BOOK:

No. 71109

Pg. 1 of 1

Client: <i>Balsland, Beck & Lee, Inc.</i>		Bill To: <i>Cytec Industries, Inc.</i>		For Lab Use Only	
Project Name/No.: <i>Cytec Warners</i>		PO#		Job No. <i>930863</i>	
Client Contact: <i>George Bondob</i>		440.52.023.022		Quote No. <i>930863</i>	
STL Contact: <i>Deanna Doster</i>		(15) ANALYSIS REQUIRED		# of Coolers <i>0</i>	
TAT: <i>1wk, 2wk (3wk) OTHER</i>				Cooler Temp(s) <i>0</i>	
Proj. Type: <i>NJPDES, NPDES, ISRA, CLP, CERCLA, RCRA, UST, COM, MOA, OTHER</i>				Custody Seal # (s) <i>0</i>	
Protocol: <i>CLP, SW846, EPA 600 DW, OTHER</i>				Date Due: <i>08/19/99</i>	
Reporting Type: <i>(N) Reg Format, (J) Reduced Format, (L) Level II, Level I (Data Sum), Other</i>				PM-NON-CONFORMANCE	
Client ID (10 CHAR)		# OF CONTAINERS		Preserved: <i>Temp: 0</i>	
Date (11) Time (2) Mtx				Container: <i>Volume: 0</i>	
<i>BBC</i>	<i>7/27/99 1545 SED</i>	<i>1</i>	<i>01</i>	Broken: <i>Initials: 0/0</i>	
<i>EB</i>	<i>7/27/99 1610 SED</i>	<i>1</i>	<i>01</i>	Holding Time: <i>0</i>	
<i>IE</i>	<i>7/27/99 1630 SED</i>	<i>1</i>	<i>03</i>	Other: <i>0</i>	
<i>010</i>	<i>7/27/99 1655 SED</i>	<i>1</i>	<i>04</i>	Logged by: <i>0</i>	
<i>019</i>	<i>7/27/99 1630 SED</i>	<i>1</i>	<i>05</i>	DESCRIPTION	
<i>DD072799</i>	<i>7/27/99 1715 AQ</i>	<i>3</i>	<i>06</i>	<i>05 0.6 Limited Vol. 18/19/99</i>	
<i>DD072799</i>			<i>07</i>	<i>07 07 07</i>	
			<i>08</i>	<i>08 08 08</i>	

COMMENTS: (Please include hazards on site.)
Analyze Metals for As, Cu, Pb, Zn Analyze Pesticides for DDD, DDE, DDT

Print Name and Company	Custody Seal # (s)	Date/Time
<i>George Bondob</i>	<i>1</i>	<i>7/28/99</i>
Received By: <i>Deanna Doster</i>		<i>7/28/99 12:30</i>
Relinquished By: <i>Deanna Doster</i>		<i>7/28/99 17:45</i>
Received By: <i>Deanna Doster</i>		<i>7/29/99 19:45</i>
Relinquished By:		
Received By:		

The pink copy should be retained by the client. See reverse for directions.

10000

SEVERN TRENT LABORATORIES, Inc. - NEW JERSEY
SAMPLE RECEIPT VERIFICATION FORM

000002

JOB NUMBER: 93053 CLIENT BBC DATE RECEIVED: 7/29/99

OF SAMPLES 9 # OF COOLERS 1
CUSTODY SEALS: PRESENT/ABSENT INTACT/BROKEN TEMPERATURE BLANK PRESENT: YES NO

COOLER TEMP/S 3.4 COOLER OUTSIDE 2-6 ° C PRESERVED ICE/BLUE-ICE/NONE
IF OUTSIDE TEMP RANGE - WERE SAMPLES RECEIVED LESS THAN 4 HOURS FROM COLLECTION? YES NO

CHAIN OF CUSTODY PRESENT/ABSENT PROPERLY SIGNED, DATED, TIME: YES NO
SAMPLE TAGS: PRESENT/ABSENT RECEIVED BY: DRIVER IF SHIPPED AIRBILL PRESENT #

COOLER RADIOACT. SCREEN BELOW 0.50 uR/hr YES NO (INFORM SAFETY OFFICER IMMED.)
 YES NO SAMPLE BOTTLES INTACT
 YES NO PROPER CONTAINERS PER ANALYSIS USED
 YES NO SAMPLE LABELS INTACT
 YES NO LABELS COMPLETE AND LEGIBLE (ID, DATE, TIME, SIGNATURE, PRESERVATIVE)
 YES NO SAMPLES RECEIVED WITHIN HOLDING TIME
 YES NO SAMPLES PROPERLY PRESERVED
 YES NO NO BUBBLES PRESENT VOA WATER MATRIX NA
 YES NO SUFFICIENT SAMPLE VOLUME RECEIVED
 YES NO DRINKING H2O/TREATED H2O - CHECKED FOR RESIDUAL CHLORINE NA
(DOCUMENT ON pH VERIFICATION LOG FORM)

G.V. INITIAL 7/29/99 DATE - RUSH REPORT ISSUED BY NA
G.V. INITIAL 7/29/99 DATE - pH ANALYSIS PERFORMED BY NA
G.V. INITIAL 7/29/99 DATE - % MOISTURE PERFORMED BY NA
G.V. INITIAL 7/29/99 DATE - SAMPLE COMPOSITE PERFORMED BY NA

NOTE AND ITEMIZE BY SAMPLE AFFECTED, DISCREPANCIES AND NONCONFORMANCES FOUND: _____

PROJECT MANAGER INFORMED OF DISCREPANCIES: _____ INITIALS _____ DATE NA

SUBCONTRACTING OF ANALYSIS REQUIRED YES NO SUB COC COMPLETED YES NO NA
SUBCONTRACTED SAMPLES SHIPPED YES NO CARRIER USED _____

SAMPLE RECEIPT, LABELING AND STORAGE PROCEDURES PERFORMED BY: [Signature]

FINAL INSPECTION

BOTTLES CORRECTLY LABELED YES NO REVIEWED BY [Signature] DATE: 7/29/99
INTERNAL CHAIN OF CUSTODY INITIATED YES NO
ALL SIGNATURES AND DATES COMPLETE YES NO

CLIENT INFORMED OF DISCREPANCIES/NONCONFORMANCES BY PM _____ DATE _____ TIME _____

NAME CLIENT REPRESENTATIVE INFORMED _____ METHOD: PHONE _____ FAX _____

CORRECTIVE ACTION REQUESTED BY CLIENT: _____

CORRECTIVE ACTION TAKEN: _____

PROJECT MANAGER APPROVED VERIFICATION FORM COMPLETE: [Signature] DATE 7/29/99
Print name D.P. [Signature]

955790209

FORM 1
 PEST/PCB ORGANICS ANALYSIS DATA SHEET

000032

CLIENT ID

BB6

Lab Name: IEA-NJ

Client: Cytec Industries

Matrix: (soil/water): SEDIM

Lab Sample ID: 93053001

Sample wt/vol: 30.6 (g/ml) g

Lab File ID: D2B610_032

% Moisture: 30 decanted:

Date Received: 07/29/99

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/10/99

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/17/99

Injection Volume: 1.0 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: Y

CAS NO. COMPOUND

CONCENTRATION UNITS: Q
 (ug/L or ug/Kg) UG/KG

72-54-8	4,4'-DDD	47	U
72-55-9	4,4'-DDE	68	
50-29-3	4,4'-DDT	500	

000041

FORM 1
PEST/PCB ORGANICS ANALYSIS DATA SHEET

CLIENT ID

E8

Lab Name: IEA-NJ

Client: Cytec Industries

Matrix: (soil/water): SEDIM

Lab Sample ID: 93053002

Sample wt/vol: 30 (g/ml) g

Lab File ID: D2B610_033

% Moisture: 59 decanted:

Date Received: 07/29/99

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/10/99

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/17/99

Injection Volume: 1.0 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: Y

CAS NO.

COMPOUND

CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

72-54-8	4,4'-DDD	95	
72-55-9	4,4'-DDE	37	J
50-29-3	4,4'-DDT	590	

000051

FORM 1
PEST/PCB ORGANICS ANALYSIS DATA SHEET

CLIENT ID

I9

Lab Name: IEA-NJ

Client: Cytec Industries

Matrix: (soil/water): SEDIM

Lab Sample ID: 93053003

Sample wt/vol: 30 (g/ml) g

Lab File ID: D2B610_034

% Moisture: 60 decanted:

Date Received: 07/29/99

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/10/99

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/17/99

Injection Volume: 1.0 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: Y

CAS NO. COMPOUND

CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

72-54-8	4,4'-DDD	83	U
72-55-9	4,4'-DDE	160	
50-29-3	4,4'-DDT	330	

000062

FORM 1
PEST/PCB ORGANICS ANALYSIS DATA SHEET

CLIENT ID

010

Lab Name: IEA-NJ

Client: Cytec Industries

Matrix: (soil/water): SOIL

Lab Sample ID: 93053004

Sample wt/vol: 30 (g/ml) g

Lab File ID: D2B610_035

% Moisture: 52 decanted:

Date Received: 07/29/99

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/10/99

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/17/99

Injection Volume: 1.0 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: Y

CAS NO. COMPOUND

CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

72-54-8	4,4'-DDD	97	
72-55-9	4,4'-DDE	72	
50-29-3	4,4'-DDT	240	

Metals Analysis Results

000089

Prepared For:
Cytec Industries

STL Sample No.: 93053001

Matrix: Sediment

Percent Solids: 69.7

Units: mg/kg

Client ID: BB6

Sample Date: 07/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7440-38-2	Arsenic	ICP-TR	08/18/99 12:33	9.77		0.456	1.15	1.00	WG30948
7440-50-8	Copper	ICP-TR	08/18/99 12:33	104		0.0640	3.59	1.00	WG30948
7439-92-1	Lead	ICP-TR	08/18/99 12:33	88.7		0.175	0.430	1.00	WG30948
7440-66-6	Zinc	ICP-TR	08/18/99 12:33	203		1.19	4.30	1.00	WG30948

All Concentrations,RL's, and MDL's are corrected for Percent Solids

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790214

Metals Analysis Results

000090

Prepared For:
Cytec Industries

STL Sample No.: 93053002

Matrix: Sediment

Percent Solids: 41.5

Units: mg/kg

Client ID: E8

Sample Date: 07/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7440-38-2	Arsenic	ICP-TR	08/18/99 12:39	29.0		0.766	1.93	1.00	WG30948
7440-50-8	Copper	ICP-TR	08/18/99 12:39	404		0.107	6.02	1.00	WG30948
7439-92-1	Lead	ICP-TR	08/18/99 12:39	241		0.294	0.723	1.00	WG30948
7440-66-6	Zinc	ICP-TR	08/18/99 12:39	465		2.00	7.23	1.00	WG30948

All Concentrations, RL's, and MDL's are corrected for Percent Solids

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790215

Metals Analysis Results

000091

Prepared For:
Cytec Industries

STL Sample No.: 93053003

Client ID: 19

Matrix: Sediment

Units: mg/kg

Sample Date: 07/27/99

Percent Solids: 40.2

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7440-38-2	Arsenic	ICP-TR	08/18/99 12:44	61.7		0.791	1.99	1.00	WG30948
7440-50-8	Copper	ICP-TR	08/18/99 12:44	869		0.111	6.22	1.00	WG30948
7439-92-1	Lead	ICP-TR	08/18/99 12:44	427		0.303	0.746	1.00	WG30948
7440-66-6	Zinc	ICP-TR	08/18/99 12:44	915		2.06	7.46	1.00	WG30948

All Concentrations,RL's, and MDL's are corrected for Percent Solids

Qualifiers:

*RL = Reporting Limit

U = Undetected below MDL

B = Detected between MDL and RL*

955790216

Metals Analysis Results

000092

Prepared For:
Cytec Industries

STL Sample No.: 93053004

Matrix: Sediment

Percent Solids: 48.4

Units: mg/kg

Client ID: O10

Sample Date: 07/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7440-38-2	Arsenic	ICP-TR	08/18/99 13:32	32.3		0.657	1.65	1.00	WG30948
7440-50-8	Copper	ICP-TR	08/18/99 13:32	315		0.0921	5.16	1.00	WG30948
7439-92-1	Lead	ICP-TR	08/18/99 13:32	211		0.252	0.620	1.00	WG30948
7440-66-6	Zinc	ICP-TR	08/18/99 13:32	429		1.71	6.20	1.00	WG30948

All Concentrations,RL's, and MDL's are corrected for Percent Solids

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790217

Metals Analysis Results

000093

Prepared For:
Cytec Industries

STL Sample No.: 93053005MS

Matrix: Sediment

Percent Solids: 45.0

Units: mg/kg

Client ID: I9MSMS

Sample Date: 07/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7440-38-2	Arsenic	ICP-TR	08/18/99 12:56	154		0.707	1.78	1.00	WG30948
7440-50-8	Copper	ICP-TR	08/18/99 12:56	724		0.0991	5.56	1.00	WG30948
7439-92-1	Lead	ICP-TR	08/18/99 12:56	459		0.271	0.667	1.00	WG30948
7440-66-6	Zinc	ICP-TR	08/18/99 12:56	821		1.84	6.67	1.00	WG30948

All Concentrations,RL's, and MDL's are corrected for Percent Solids

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790218

Metals Analysis Results

000094

Prepared For:
Cytec Industries

STL Sample No.: 93053006DUP
Matrix: Sediment
Percent Solids: 45.0

Units: mg/kg

Client ID: I9MSDDUP
Sample Date: 07/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7440-38-2	Arsenic	ICP-TR	08/18/99 12:50	58.3		0.707	1.78	1.00	WG30948
7440-50-8	Copper	ICP-TR	08/18/99 12:50	718		0.0991	5.56	1.00	WG30948
7439-92-1	Lead	ICP-TR	08/18/99 12:50	374		0.271	0.667	1.00	WG30948
7440-66-6	Zinc	ICP-TR	08/18/99 12:50	832		1.84	6.67	1.00	WG30948

All Concentrations, RL's, and MDL's are corrected for Percent Solids

Qualifiers:

U = Undetected below MDL

B = Detected between MDL and RL*

*RL = Reporting Limit

955790219

Metals Analysis Results

000095

Prepared For:
Cytec Industries

STL Sample No.: 93053007
Matrix: Sediment
Percent Solids: 42.4

Units: mg/kg

Client ID: BD072799
Sample Date: 07/27/99

CAS No.	Analyte	Instrument	AnalyzeDate	Concentration	Qual	MDL	RL*	Dilution	Batch
7440-38-2	Arsenic	ICP-TR	08/18/99 13:38	25.9		0.750	1.89	1.00	WG30948
7440-50-8	Copper	ICP-TR	08/18/99 13:38	328		0.105	5.90	1.00	WG30948
7439-92-1	Lead	ICP-TR	08/18/99 13:38	212		0.288	0.708	1.00	WG30948
7440-66-6	Zinc	ICP-TR	08/18/99 13:38	445		1.95	7.08	1.00	WG30948

Qualifiers:

U = Undetected below MDL
B = Detected between MDL and RL*

*RL = Reporting Limit

955790220



STL Envirotech
 777 New Durham Road
 Edison, NJ 08817
 Tel: (732) 549-3900
 Fax: (732) 549-3679
 www.stl-inc.com

November 22, 1999

Blasland, Bouck and Lee - NJ
 8 South River Road
 Cranbury, NJ 08512-9502

Attention: Mr. Geoffrey Bandola

Re: Job No. U683 - Cytex Warners

Dear Mr. Bandola:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 29, 1999:

<u>Lab No.</u>	<u>Client ID</u>	<u>Analysis Required</u>
165191	DPG-2D	PP VOA, Al, As, Fe, Mn, Na, Pb
165192	FB102599	PP VOA, Al, As, Fe, Mn, Na, Pb
165193	TB102599	PP VOA
165194	DPG-2D-Dis	Al, As, Fe, Mn, Na, Pb
165195	Field_Blank-Dis	Al, As, Fe, Mn, Na, Pb

If you have any questions please contact your Project Manager, Paul Simms, at (732) 549-3900.

Very truly yours,

Michael J. Urban
 Laboratory Manager

46

Other Laboratory Locations:

- 149 Rangeway Road, North Billerica MA 01862
- 16203 Park Row, Suite 110, Houston TX 77084
- 200 Monroe Turnpike, Monroe CT 06468
- 120 Southcenter Court, Suite 300, Morrisville NC 27560

- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southampton Road, Westfield MA 01085
- 628 Route 10, Whippany NJ 07981
- 55 South Park Drive, Colchester VT 05446

a part of
 Severn Trent Services Inc.

955790222

BBC000016

TIERRA-C-002862



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955790223



Seyvern Trent Laboratories
628 Route 10
Whippany NJ 07981

Tel: (973) 428-8181
Fax: (973) 428-5222

955790224

No. 73b40

CHAIN OF CUSTODY

FIELD BOOK: U683

Pg 1 of 1

1	Client: BBL	14	Bill To: Cytec Industries Inc	For Lab Use Only																													
2	Project Name/no: Cytec Warners	15	PO#: 440.52.026.082	Job No: 94281																													
3	Client Contact: Geoff Banda	(15) ANALYSIS REQUIRED			Quote No. _____																												
4	STL Contact: Deanna Dosta				Job No. _____																												
5	TAT: 1wk, 2wk, 3wk, OTHER	<table border="1"> <tr> <th>#</th> <th>OF</th> <th>CONTAINERS</th> <th>(16)</th> <th>ANALYSIS REQUIRED</th> <th>(17)</th> <th>DESCRIPTION</th> </tr> <tr> <td>5</td> <td>3</td> <td>1</td> <td>TOI</td> <td>DISC</td> <td>01</td> <td>04</td> </tr> <tr> <td>5</td> <td>3</td> <td>1</td> <td>165/91</td> <td>165/94</td> <td>02</td> <td>05</td> </tr> <tr> <td>3</td> <td>3</td> <td>1</td> <td>165/92</td> <td>165/95</td> <td>03</td> <td>03</td> </tr> </table>			#	OF	CONTAINERS	(16)	ANALYSIS REQUIRED	(17)	DESCRIPTION	5	3	1	TOI	DISC	01	04	5	3	1	165/91	165/94	02	05	3	3	1	165/92	165/95	03	03	# of Coolers: _____
#	OF				CONTAINERS	(16)	ANALYSIS REQUIRED	(17)	DESCRIPTION																								
5	3	1	TOI	DISC	01	04																											
5	3	1	165/91	165/94	02	05																											
3	3	1	165/92	165/95	03	03																											
6	Proj. Type: NIPDES, NPDES, ISRA, CLP, CERCLA, RCRA, UST, CO, MOA, OTHER	<table border="1"> <tr> <th>PM NON-COMFORMANCE</th> <th>Temp:</th> </tr> <tr> <td>Preserved: _____</td> <td>Volume: _____</td> </tr> <tr> <td>Container: _____</td> <td>Initials: _____</td> </tr> <tr> <td>Broken: _____</td> <td>Holding Time: _____</td> </tr> <tr> <td>Other: _____</td> <td>Other: _____</td> </tr> </table>			PM NON-COMFORMANCE	Temp:	Preserved: _____	Volume: _____	Container: _____	Initials: _____	Broken: _____	Holding Time: _____	Other: _____	Other: _____	Cooler Temp.(s) _____																		
PM NON-COMFORMANCE	Temp:																																
Preserved: _____	Volume: _____																																
Container: _____	Initials: _____																																
Broken: _____	Holding Time: _____																																
Other: _____	Other: _____																																
7	Protocol: CLP, SW846, EPA 600, DW, OTHER	<table border="1"> <tr> <th>DATE</th> <th>TIME</th> <th>MIX</th> </tr> <tr> <td>10/25/99</td> <td>AR</td> <td>AR</td> </tr> <tr> <td>10/25/99</td> <td>AR</td> <td>AR</td> </tr> <tr> <td>10/25/99</td> <td>AR</td> <td>AR</td> </tr> </table>			DATE	TIME	MIX	10/25/99	AR	AR	10/25/99	AR	AR	10/25/99	AR	AR	Date Due: _____																
DATE	TIME				MIX																												
10/25/99	AR	AR																															
10/25/99	AR	AR																															
10/25/99	AR	AR																															
8	Reporting Type: NJ Reg Format, NJ Reduced Format, CLP, Level II, Level I (Data Sum), Other	<p>16 COMMENTS: (Please include hazards on site.) VQA samples for DFG - 2D are UNPRESERVED! Analyze VQA for: CS3, MECL, Acetone, Benzene, Chlorobenzene, Xylenes Analyze Metals for: Al, As, Fe, Pb, Mn, Na</p>			PM NON-COMFORMANCE																												
9	Client ID (10 CHAR)				Client ID (10 CHAR)	Client ID (10 CHAR)	Client ID (10 CHAR)																										
16	<p>Print Name and Company: Geoff Banda / BBL</p> <p>Signature: <i>[Signature]</i></p>				Date/Time: 10/26/99 11:00																												
17	<p>Print Name and Company: AT & A Chilwe STL</p> <p>Signature: <i>[Signature]</i></p>				Date/Time: 10/26/99 12:45																												
<p>Relinquished By: AL DACHILWE STL</p> <p>Relinquished By: AL DACHILWE STL</p> <p>Relinquished By: E. L. KAYNE</p> <p>Relinquished By: E. L. KAYNE</p>					Date/Time: 10/26/99 11:00																												
<p>Mtx = Matrix of Sample. (AI=Air, AQ=Aqueous, LE=Leachate, ML=Misc Liquid, MS=Misc Solids, OIL, SE=Sediment, SL=Sludge, SO=Soil)</p>					Date/Time: 10/29/99 11:05																												



Client ID: DPG-2D
Site: Cyttec Warners

Lab Sample No: 165191
Lab Job No: U683

Date Sampled: 10/25/99
Date Received: 10/29/99
Date Analyzed: 10/31/99
GC Column: DB624
Instrument ID: VOAMS6.i
Lab File ID: f6462.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 624

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Methylene Chloride	ND	5.0
Acetone	ND	12
Carbon Disulfide	ND	5.0
Benzene	72	1.6
Chlorobenzene	7.9	0.9
Xylene (Total)	6.2	1.8

955790225



Client ID: DPG-2D
Site: Cytex Warners

Lab Sample No: 165191
Lab Job No: U683

Date Sampled: 10/25/99
Date Received: 10/29/99

Matrix: WATER
Level: LOW

METALS ANALYSIS

<u>Analyte</u>	<u>Analytical Result Units: ug/l</u>	<u>Instrument Detection Limit</u>	<u>M</u>
Aluminum	ND	176	P
Arsenic	ND	10.8	P
Iron	844	111	P
Lead	ND	6.3	P
Manganese	593	3.0	P
Sodium	4720000	7036	P

M Column - Method Code (See Section 2 of Report)

955790226

a part of

TIERRA-C-002866



Client ID: FB102599
Site: Cytec Warners

Lab Sample No: 165192
Lab Job No: U683

Date Sampled: 10/25/99
Date Received: 10/29/99
Date Analyzed: 11/01/99
GC Column: DB624
Instrument ID: VOAMS6.i
Lab File ID: f6514.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Methylene Chloride	1.3	1.0
Acetone	ND	2.4
Carbon Disulfide	ND	1.0
Benzene	ND	0.3
Chlorobenzene	ND	0.2
Xylene (Total)	ND	0.3

955790227



Client ID: FB102599
Site: Cytec Warners

Lab Sample No: 165192
Lab Job No: U683

Date Sampled: 10/25/99
Date Received: 10/29/99

Matrix: WATER
Level: LOW

METALS ANALYSIS

<u>Analyte</u>	<u>Analytical Result Units: ug/l</u>	<u>Instrument Detection Limit</u>	<u>M</u>
Aluminum	ND	58.6	P
Arsenic	ND	3.6	P
Iron	47.5	37.1	P
Lead	ND	2.1	P
Manganese	ND	1.0	P
Sodium	ND	352	P

M Column - Method Code (See Section 2 of Report)

955790228



Client ID: TB102599
Site: Cytec Warners

Lab Sample No: 165193
Lab Job No: U683

Date Sampled: 10/25/99
Date Received: 10/29/99
Date Analyzed: 11/01/99
GC Column: DB624
Instrument ID: VOAMS6.i
Lab File ID: f6515.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Methylene Chloride	2.0	1.0
Acetone	ND	2.4
Carbon Disulfide	ND	1.0
Benzene	ND	0.3
Chlorobenzene	ND	0.2
Xylene (Total)	ND	0.3

955790229



Client ID: DPG-2D-Dis
Site: Cytec Warners

Lab Sample No: 165194
Lab Job No: U683

Date Sampled: 10/25/99
Date Received: 10/29/99

Matrix: WATER
Level: LOW

METALS ANALYSIS

<u>Analyte</u>	<u>Analytical Result Units: ug/l</u>	<u>Instrument Detection Limit</u>	<u>M</u>
Aluminum	ND	176	P
Arsenic	ND	10.8	P
Iron	498	111	P
Lead	ND	6.3	P
Manganese	551	3.0	P
Sodium	4090000	7036	P

M Column - Method Code (See Section 2 of Report)

955790230



Client ID: Field Blank-Dis
Site: Cytec Warners

Lab Sample No: 165195
Lab Job No: U683

Date Sampled: 10/25/99
Date Received: 10/29/99

Matrix: WATER
Level: LOW

METALS ANALYSIS

<u>Analyte</u>	<u>Analytical Result Units: ug/l</u>	<u>Instrument Detection Limit</u>	<u>M</u>
Aluminum	ND	58.6	P
Arsenic	ND	3.6	P
Iron	37.4	37.1	P
Lead	ND	2.1	P
Manganese	1.3	1.0	P
Sodium	ND	352	P

M Column - Method Code (See Section 2 of Report)

955790231

Client ID: DPG-2D
Site: Cytec Warners

Lab Sample No: 165191
Lab Job No: U683

Date Sampled: 10/25/99
Date Received: 10/29/99
Date Analyzed: 10/31/99
GC Column: DB624
Instrument ID: VOAMS6.i
Lab File ID: f6462.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 624

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Methylene Chloride	ND	5.0
Acetone	ND	12
Carbon Disulfide	ND	5.0
Benzene	72	1.6
Chlorobenzene	7.9	0.9
Xylene (Total)	6.2	1.8

955790232

News

CYTEC ANNOUNCES SECOND QUARTER RESULTS
Full Year 2006 Outlook Updated

July 20, 2006

West Paterson, New Jersey, Cytec Industries Inc. (NYSE:CYT) announced today net earnings for the second quarter of 2006 of \$48.4 million or \$1.00 per diluted share on net sales of \$853 million. Included in the quarter is a pre-tax net restructuring charge of \$21.9 million (after-tax \$15.4 million or \$0.32 per diluted share), a pre-tax charge of \$1.0 million (after-tax \$0.8 million or \$0.01 per diluted share) for integration expenses related to the Surface Specialties acquisition, a pre-tax gain relating to the receipt of \$15.6 million (after-tax \$12.4 million or \$0.26 per diluted share) in a legal dispute and an income tax benefit of \$3.5 million (\$0.07 per diluted share) related to the completion of prior years tax audits. Excluding these items, net earnings were \$48.7 million or \$1.00 per diluted share.

Net earnings for the second quarter of 2005 was \$11.9 million or \$0.25 per diluted share on net sales of \$813 million. Included in the quarter was a purchase accounting related charge of \$10.3 million pre-tax (after-tax \$7.5 million, or \$0.16 per diluted share) related to the 2005 acquisition of the Surface Specialties business, a pre-tax charge of \$28.0 million (after-tax \$17.7 million or \$0.37 per diluted share) for interest rate derivative transactions associated with the Surface Specialties acquisition, a pre-tax charge of \$2.4 million (after-tax \$1.8 million or \$0.04 per diluted share) for an anticipated settlement of a certain litigation matter, a pre-tax charge of \$22.0 million (after-tax \$14.0 million or \$0.30 per diluted share) pertaining to the optional redemption of our Mandatory Par Put Remarketed Securities (MOPPRS) prior to their maturity and an income tax benefit of \$9.6 million, or \$0.20 per diluted share, reflecting the partial resolution of a tax audit in Norway with respect to prior year tax returns. Excluding these special items, net earnings were \$43.3 million or \$0.92 per diluted share.

David Lilley, Chairman, President and Chief Executive Officer said, "Our second quarter results continued the positive momentum from the first quarter. The benefits of our previous initiatives are now being realized in our financial results and in spite of the headwinds of higher raw material costs, primarily related to propylene and its derivatives, our operating margin improved to almost 10%.

Cytec Performance Chemicals Sales increased 1% to \$230 million; Operating Earnings increased to \$18.3 million

Mr. Lilley continued, "In Cytec Performance Chemicals, selling volumes decreased 1%, selling prices increased 2% and exchange rate changes were flat. Strong sales volume in mining chemicals and pressure sensitive adhesives were more than offset by lower volumes in specialty additives and in water treatment chemicals, primarily into the paper sector.

"Operating earnings increased to \$18.3 million primarily due to the benefits of restructuring and a better product mix partially offset by higher raw material costs and expense of \$0.9 million for stock options and stock appreciation rights settled in stock related to the application of "Financial Accounting Standard No. 123R, "Share Based Payment" (SFAS 123R). Included in 2005, and related to the Surface Specialties acquisition, is a charge of \$1.3 million for the excess of the fair value of the finished goods inventory of the acquired business over normal manufacturing cost.

Cytec Surface Specialties Sales increased 5% to \$391 million; Operating Earnings increased to \$29.5 million

"In Cytec Surface Specialties, selling volumes increased 7%, selling prices decreased 2% and exchange rate changes were flat. The increase in selling volumes was strong in all regions except North America.

Selling prices were down in radcure and powder coating resins.

“Operating earnings increased to \$29.5 million primarily due to increased selling volumes, improved product mix, favorable raw material costs principally in the radcure product line and the benefits of restructuring partially offset by lower selling prices and expense of \$0.8 million for stock options and stock appreciation rights settled in stock related to the application of SFAS 123R. Included in 2005 and related to the Surface Specialties acquisition, is a charge of \$9.0 million for the excess of the fair value of the finished goods inventory of the acquired business over normal manufacturing cost.

Cytec Engineered Materials Sales increased 8% to \$152 million; Operating Earnings increased to \$28.3 million

“Cytec Engineered Materials selling volumes increased 5%, selling prices increased 3% and exchange rate changes were essentially flat. The selling volume increase was primarily due to higher build rates for large commercial aircraft partially offset by the expected ramp down in volume to a European high-end automotive program.

“Operating earnings improved 12% to \$28.3 million, primarily due to higher selling volumes and selling prices. Included in operating earnings is expense of \$0.6 million for stock options and stock appreciation rights settled in stock related to the application of SFAS 123R.

Building Block Chemicals Sales increased 10% to \$81 million; Operating Earnings decreased to \$6.2 million

“Building Block Chemicals selling volumes increased 1%, selling prices increased 9% and exchange rate changes were flat. Due to tighter supply/demand conditions for acrylonitrile, selling prices increased.

“Operating earnings decreased to \$6.2 million. Selling price increases almost offset the increase in raw material costs. Our plant operations ran well, however, similar to last quarter, our melamine manufacturing joint venture partner did not take any production during the quarter. The resulting operational inefficiencies associated with the melamine plant being down for about half the quarter reduced earnings by slightly over \$1 million. Also included is expense of \$0.3 million for stock options and stock appreciation rights settled in stock related to the application of SFAS 123R.”

Earnings in Associated Companies

Earnings in Associated Companies decreased from the prior year period as a result of the May 2005 sale of our 50% interest in CYRO Industries to our former partner, Degussa.

Corporate and Unallocated

James P. Cronin, Executive Vice President and Chief Financial Officer commented, “During the quarter, we recorded a net restructuring charge of \$21.9 million, which was primarily recorded in cost of sales. Of the net restructuring charge, \$22.6 million relates to permanently shutting down manufacturing operations for two older technology polymer additive light stabilizer products produced at our manufacturing facility in Botlek, the Netherlands which included a full review of the support and commercial infrastructure at the site. Included in the \$22.6 million charge is a non-cash \$13.8 million write-off of polymer additive assets at our Botlek site with the majority of the remaining amount being mostly severance related. One of the products, CYASORB® UV-5411 light stabilizer, will be consolidated at our Willow Island, West Virginia facility. Production of the other product, CYASORB® UV-1084 light stabilizer, is expected to cease by the end of the third quarter and we will exit this product line. The remainder of the net restructuring charge is a reduction of \$0.7 million of a previous restructuring accrual primarily as a result of incurring less cost than originally estimated.

“Included in administrative expense are integration costs of \$1.0 million related to the Surface Specialties acquisition. These integration costs which began in the second quarter, the majority of which are duplicative in nature, are being incurred primarily as a result of the elimination of transition service agreements that were in place with the former owner regarding the information technology hardware infrastructure.

“In addition, we realized a gain of \$15.6 million during the quarter which is included in other income (expense), net relating to a legal dispute with a European firm that was in arbitration proceedings since 2000. After proceeding through a number of appeals the defendant was ordered to pay us damages and we collected essentially all of the cash in the second quarter. Although a final appeal is pending, we believe the appeal is without merit.

“Included in administrative expense in the second quarter of 2005 was a pre-tax charge for \$2.4 million (\$1.8 million after-tax) related to an increase in accrual for a certain litigation matter.

“Included in other income (expense), net in the second quarter of 2005 was a pre-tax loss of \$28.0 million (\$17.7 million after-tax or \$0.38 per diluted share) pertaining to interest rate derivative transactions related to the acquisition of the Surface Specialties business.”

Interest Expense

Mr. Cronin commented, “Interest expense was reduced from the prior year quarter due to the overall lower debt level as we continue to make good progress in reducing debt incurred for the Surface Specialties acquisition in the first quarter of 2005.

“In the second quarter of 2005, we redeemed our \$120 million MOPPRS debt at the optional redemption price of approximately \$141 million which included \$21 million for the value of redeeming the securities prior to their final maturity. In addition, we recognized a charge of \$1 million from amounts related to the unamortized put premium and rate lock agreements for these securities. Accordingly, 2005 interest expense includes a total pre-tax charge of \$22.0 million related to this transaction.”

Income Tax Expense

Mr. Cronin added, “Our tax provision for the second quarter of 2006 was \$10.9 million, or 18.4%, on the earnings before income taxes. Favorably impacting the rate for the quarter is a reduction in income tax expense of \$3.5 million related to the completion of prior years U.S. tax audits. Also favorably impacting the tax rate was the tax benefit from the restructuring charge which was recorded at 29.6% and the gain on the favorable resolution of the previously mentioned legal dispute which was effectively recorded at a tax provision of 20%. Excluding these items, our underlying effective tax rate for the quarter was 27%.

“For the second quarter of 2005 our effective tax rate for continuing operations was favorably impacted by a reduction in income tax expense of \$9.6 million related to a partial resolution of a tax audit in Norway with respect to prior years tax returns. Also favorably impacting the rate were the losses incurred in the U.S. on the interest rate derivatives and the MOPPRS redemption. The tax benefit on these losses is recorded at 36.5%. Excluding these items, our underlying effective tax rate for the quarter was 27%.”

Cash Flow

Mr. Cronin commented further, “Cash flow provided by operations was \$74 million for the quarter. Trade accounts receivable dollars were up \$37 million, in line with the increase in sales. Inventory dollars increased \$18 million and days outstanding are 71, up about 3 days from year end. Capital spending for the quarter was \$25 million and our full year estimate of \$110 million is unchanged. We

continue to pay down debt in advance of scheduled payment dates and during the quarter we paid down \$59 million of our debt.”

Sale of Water Treatment Chemicals and Acrylamide Product Lines

Mr. Lilley commented further, “On July 17, 2006 we announced that we had reached a definitive agreement to sell our water treatment chemicals and acrylamide product lines with estimated 2006 sales of approximately \$300 million, to Kemira Group, for approximately \$240 million cash. The closing of the sale is expected in two phases. The first phase, which includes the entire product lines excluding Cytec’s manufacturing site in the Netherlands, is expected to close by the end of September, 2006. The second phase for the Netherlands site is expected to close in early 2007. Between the closing of phase one and phase two, Cytec will contract manufacture and sell water treatment chemicals and acrylamide at the Botlek site solely to Kemira. The timing of the flow of funds is \$220 million upon the first closing with the balance payable upon the second closing. Both closings are subject to regulatory approval and certain other conditions.

“When completed, this transaction will streamline Cytec, further improve our balance sheet and let us increase our focus on our growth businesses. The net effect of this transaction, excluding any anticipated gains on the actual closings, and giving effect to the use of net after-tax proceeds to pay down debt is expected to be about \$0.04 dilutive to earnings per diluted share in 2006 assuming the first closing occurs on September 30, 2006.”

2006 Outlook

Mr. Lilley commented further, “Our second quarter results have continued our momentum from the first quarter. We expect our aerospace markets to continue to grow in the second half of 2006 as the build rates for large commercial aircraft, business jets, military aircraft and commercial rotorcraft continue to increase and our customers utilize more advanced composites. For our Specialty Chemical segments we now expect a slight decline in demand in North America. For Europe, demand has improved but typically the second half is lower than the first half. We continue to expect Asia-Pacific and Latin America to have good growth in 2006. Our expectation is for crude oil costs to stay high for the rest of 2006 which for us affects the cost of propylene and its derivatives which then impacts Cytec’s Specialty Chemicals and Building Block Chemicals businesses.”

Mr. Lilley continued with some additional comments, “The following discussion includes the impact of the proposed sale of the water treatment chemicals and acrylamide product lines assuming a September 30, 2006 phase one closing.

“In Cytec Performance Chemicals, our full year guidance for a sales range of \$900 to \$925 million revises to a range of \$840 to \$865 million and for an operating earnings range of \$65 to \$70 million revises to a range of \$63 to \$68 million after adjusting for the sale of the water treatment chemicals product line. We continue to expect strong demand in our mining chemicals and more moderate demand in most others. The polymer additive product line continues to see severe price competition in our mature products but our commercial organization continues its focus of increasing sales of our proprietary differentiated products. We announced a restructuring of our polymer additives manufacturing at our site in the Netherlands and the impact from these actions will have a positive impact in 2007.

“In Cytec Surface Specialties, our full year guidance for a sales range of \$1.48 to \$1.52 billion is unchanged. Our operating earnings range of \$95 to \$105 million improves to a range of \$97 to \$107 million. The improvement in demand from Europe is mostly offset by weakness in North America. We expect to continue to see good progress in the Asia-Pacific and Latin American regions and also from new global product introductions. Our forecast is for raw material costs to increase in the second half of

the year and we will attempt to compensate with selling price increases. We continue to find many opportunities to improve our operations both in the short and medium term.

“In Cytec Engineered Materials, we continue to respond to aircraft manufacturers as they develop new platforms for the future plus new applications for advanced composites and anticipate increased aircraft production. We have a strong order book for the second half of the year although we now expect some delays into 2007. Taking into account the above, we are changing our full year guidance for sales to \$590 to \$610 million from our previous guidance of \$600 to \$620 million and for operating earnings to \$110 to \$115 million from our previous guidance of \$115 to \$120 million.

“As expected, Building Block Chemicals saw some improvement in the second quarter. We continue to watch the impact of oil price volatility on propylene costs and acrylonitrile margin spreads. Our operating team is focused on what they can control, particularly manufacturing efficiency and costs. Taking into account the above and anticipating the sale of the acrylamide product line and the resulting sales from the acrylonitrile supply contract, our full year guidance for sales is in a range of \$310 to \$330 million and operating earnings now looks to be about \$15 million versus a previous range of \$12 to \$15 million.

“We forecast no change in our guidance for Corporate and Unallocated and other income/(expense). Our forecast for interest expense, net will be reduced to a range of \$51 to \$53 million from a range of \$54 to \$56 million as we pay down debt with proceeds from the divestiture. We see some improvement in our forecast for equity earnings to about \$3 million and our forecast for our underlying annual effective tax rate for ongoing operations will change slightly to 27.3% from 27% as some of the earnings of the divested product lines were recorded in a lower tax rate entity.

“Overall, we had a solid first half in 2006 but we remain cautious on the demand side and are concerned about high oil costs and raw material volatility. Taking this into account plus all the above, including the impact of the pending sale of the water treatment chemicals and acrylamide product lines, our revised forecast for full year diluted earnings per share is a range of \$3.41 to \$3.66 versus our prior range of \$3.45 to \$3.70 per diluted share.

Excluded from the full year guidance are the following special items – (a) approximately \$3 million pre-tax for integration expenses related to the Surface Specialties acquisition, (b) the \$15.6 million pre-tax gain related to a legal dispute, (c) net restructuring charges of \$22.3 million pre-tax recorded in the first and second quarters of 2006, (d) the reduction in income tax expense of \$3.5 million relating to the completion of prior years tax audits and (e) the cumulative effect of accounting change after-tax charge of \$1.2 million related to the adoption of SFAS 123R. Also excluded are any additional restructurings or divestiture gain as a result of the pending sale of the water treatment chemicals and acrylamide product lines.”

In closing Mr. Lilley commented, “We have recently announced a number of key strategic and operational initiatives to improve Cytec, and we continue to focus on all issues under our control. The Cytec team is committed to delivering the highest performance for all our stakeholders.”

Six Month Results

Net earnings for the six months ended June 30, 2006 were \$86.4 million or \$1.79 per diluted share on sales of \$1,673 million. Included in the results for the six months ended June 30, 2006 were – (a) net restructuring charges of pre-tax \$22.3 million (after-tax \$15.7 million or \$0.33 per diluted share) recorded in the first and second quarters of 2006, (b) a pre-tax \$15.6 million (after-tax \$12.4 million or \$0.26 per diluted share) gain related to resolution of a legal dispute, (c) a pre-tax charge of \$1.0 million (after-tax \$0.8 million or \$0.01 per diluted share) for integration expenses related to the Surface

Specialties acquisition, (d) a reduction in income tax expense of \$3.5 million or \$0.07 per diluted share relating to the completion of prior years tax audits, and (e) the cumulative effect of an accounting change after-tax charge of \$1.2 million or \$0.02 per diluted share related to the adoption of SFAS 123R. Excluding these items, net earnings were \$88.2 million or \$1.82 per diluted share.

Net earnings for the six months ended June 30, 2005 were \$5.3 million or \$0.12 per diluted share on sales of \$1,377 million. Included in the results for the six months ended June 30, 2005 were purchase accounting related charges of \$20.8 million pre-tax (after-tax \$15.2 million, or \$0.33 per diluted share), related to acquired inventories from Surface Specialties being recorded at fair value which exceeded normal manufacturing cost, a charge of \$37.0 million or \$0.82 per diluted share related to the write-off of in-process research and development costs of Surface Specialties, a pre-tax charge of \$47.9 million (after-tax \$30.4 million or \$0.67 per diluted share) related to currency and interest rate derivative transactions associated with the Surface Specialties acquisition, a pre-tax charge of \$2.4 million (after-tax \$1.8 million or \$0.04 per diluted share) related to an anticipated settlement of a certain litigation matter, a pre-tax charge of \$22.0 million (after-tax \$14.0 million or \$0.31 per diluted share) related to the optional redemption of our MOPPRS prior to their maturity, an income tax benefit of \$25.7 million, or \$0.57 per diluted share, reflecting favorable partial resolution of tax audits with respect to prior year tax returns, employee redundancy costs of \$1.3 million (after-tax net \$0.9 million or \$0.02 per diluted share), and a \$4.4 million settlement to resolve a dispute over an environmental matter (after-tax net \$3.2 million or \$0.07 per diluted share). Excluding these special items, net earnings were \$82.1 million or \$1.81 on a diluted share basis.

Investor Conference Call to be Held on July 21, 2006 11:00 A.M. ET

Cytec will host their second quarter earnings release conference call on July 21, 2006 at 11:00 a.m. ET. The conference call will also be simultaneously webcast for all investors from Cytec's website www.cytec.com. Select the Investor Relations page to access the live conference call.

A recording of the conference call may be accessed by telephone from 2:00 p.m. ET on July 21, 2006 until August 11, 2006 at 11:00 p.m. ET by calling 888-203-1112 (U.S.) or 719-457-0820 (International) and entering access code 5345506. The conference call recording will also be accessible on Cytec's website for 3 weeks after the conference call.

Use of Non-GAAP Measures

Management believes that net earnings, basic and diluted earnings per share before special items, which are non-GAAP measurements, are meaningful to investors because they provide a view of the Company with respect to ongoing operating results. Special items represent significant charges or credits that are important to an understanding of the Company's overall operating results in the period presented. Such non-GAAP measurements are not recognized in accordance with generally accepted accounting principles (GAAP) and should not be viewed as an alternative to GAAP measures of performance. A reconciliation of GAAP measurements to non-GAAP can be found at the end of this release.

Forward-Looking and Cautionary Statements

Except for the historical information and discussions contained herein, statements contained in this release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Achieving the results described in these statements involves a number of risks, uncertainties and other factors that could cause actual results to differ materially, as discussed in Cytec's filings with the Securities and Exchange Commission.

Corporate Profile

Cytec Industries Inc. is a global specialty chemicals and materials company focused on developing, manufacturing and selling value-added products with pro forma sales in 2005 of approximately \$3.2

billion. Our products serve a diverse range of end markets including aerospace, adhesives, automotive and industrial coatings, chemical intermediates, inks, mining, plastics and water treatment. We use our technology and application development expertise to create chemical and material solutions that are formulated to perform specific and important functions in the finished products of our customers.

[\(Click here for Financial Tables\)](#)

CYTEC

2005
ANNUAL REPORT
Cytec Industries Inc.

Cytec Industries Inc.

Cytec Industries Inc. is a global specialty chemicals and materials company focused on developing, manufacturing and selling value-added products. Our products serve a diverse range of end markets including aerospace, adhesives, automotive and industrial coatings, chemical intermediates, inks, mining, plastics and water treatment. We use our technology and application development expertise to create chemical and material solutions that are formulated to perform specific and important functions for our customers.

OUR MISSION

Cytec's mission is to enhance shareholder value through double-digit percentage annual growth in earnings per share, while achieving a superior return on equity.

OUR VISION

Cytec's vision is to become a premier specialty chemicals and materials company through:

- Customer Focus
- Superior Technology
- Operational Excellence
- Employee Commitment

so that we can take pride in our achievements and our shareholders will enjoy the highest return on their investment.

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Back Cover:	Corporate Information

OUR VALUES

Safety

We make safety our first priority - the core of all we do.

Environment

We are committed to protecting the health and well-being of the communities in which we conduct business.

Employees

We respect every employee, recognizing our mutual need to be safe, healthy, and successful. We value each other for our diverse ideas, experiences, and backgrounds.

Empowerment

We encourage our people to be innovative, to take action to make independent decisions, and to be accountable for their actions.

Leadership

Each of us strives to lead and motivate by example and consistently live by these core values. We coach, train, and empower employees to reach their full potential.

Teamwork

We work as groups and individuals toward our common goal in a spirited and selfless manner.

Continuous Improvement

We relentlessly pursue doing the right things better.

Technology

We are committed to providing the resources to develop technology that will build and sustain our businesses.

Ethics

We are fair, honest, and consistent in our business and personal practices.

955790267

TIERRA-C-002881

2005

Years ended December 31,
(Dollars in millions, except per share amounts)

OPERATING RESULTS

	2005	2004	2003
Net sales	\$ 2,925.7	\$ 1,721.3	\$ 1,471.8
Earnings from operations ^(a)	237.5	175.7	144.1
Net earnings ^(b)	142.6	124.1	92.8 ^(c)

PER SHARE DATA

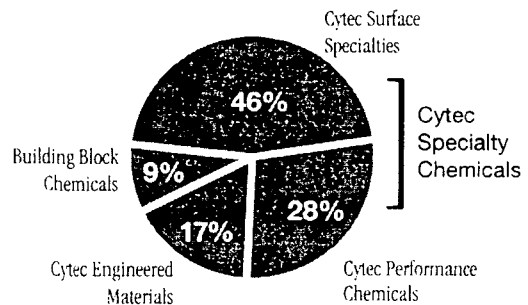
	2005	2004	2003
Diluted earnings per common share ^(d)	\$ 3.07	\$ 3.03	\$ 2.31
Stockholders' equity based on outstanding common shares	26.69	22.83	19.32

OTHER DATA

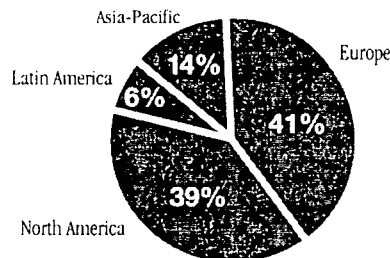
	2005	2004	2003
Capital additions for the year	\$ 105.3	\$ 89.3	\$ 93.8
Total assets	3,810.5	2,251.6	2,046.4
Total stockholders' equity	1,238.1	932.0	775.9

(a) Excluding net special items of \$77.0 in 2005 and \$8.6 in 2004
 (b) Excluding net special items of \$(83.5) in 2005 and \$(3.0) in 2004
 (c) Before the cumulative effect of a change in accounting principle for asset retirement obligations
 (d) Excluding net special items of \$(1.80) per diluted share in 2005 and \$(0.07) in 2004

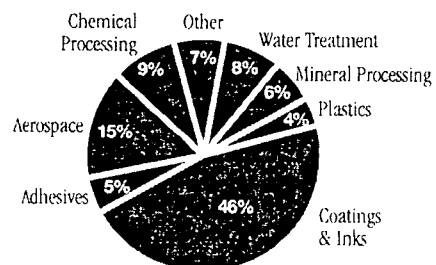
Technology-based Products
Percentage of pro forma net sales*



Distributed Globally
Percentage of pro forma net sales*



Serving Diversified Markets
Percentage of pro forma net sales*



*Pro forma net sales include Surface Specialties sales from the first two months of 2005. Surface Specialties was acquired 2/28/05.

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TO OUR STOCKHOLDERS

2005 was a more challenging year for Cytec than we had expected. Raw material and energy costs continued to rise and adversely impact our profit margins. Then in early spring, industrial demand in Europe and in the United States weakened. This resulted in reduced sales primarily in the newly acquired Surface Specialties business and the Cytec heritage coating chemicals and polymer additives product lines. We were significantly impacted by the effects of the hurricanes, Katrina and Rita, at our Louisiana plant. Thankfully there were no injuries or environmental issues and our local staff made heroic efforts to secure, repair and bring the production units back on stream. However, the overall financial impact of the downtime and the repairs was significant at \$10 million. On a more positive note, our Engineered Materials sales continued to grow as demand from commercial aerospace increased, and importantly, the value of composite technology was recognized by our customers with new applications being developed.

The acquisition of the Surface Specialties business from UCB was completed on February 28th, and provides a platform to build a strong global technology coating chemicals franchise. The business has a broad portfolio of differentiated products particularly in the high growth eco-friendly systems. Although business conditions were challenging in 2005, we continue to believe that this transaction will enable us to accelerate earnings growth.

The Cytec people reacted promptly and positively to the challenges of 2005. We continued to benefit from new product introductions with one example being MAX HT scale inhibitor for the Alumina industry. The marketing and sales teams reacted quickly to the rising costs of raw material and energy costs by implementing selling price increases. Our manufacturing and supply chain operations improved customer service while reducing costs. We surpassed the synergy cost reduction goals for the Surface Specialties acquisition and ensured that the financial reporting of the acquired business met our own high standards and regulatory requirements. In short, everyone made a contribution to improving Cytec's performance in an extremely difficult business environment.

Sales in 2005 were \$2.93 billion, a 70% increase over 2004 mainly due to the Surface Specialties acquisition. In spite of the challenges in 2005, we still managed a modest increase in diluted earnings per share over 2004 of 1% to \$3.07 after excluding special items. A number of special items occurred in both years that are important to the comparison between 2004 and 2005 and these are described in the Management's Discussion and Analysis section of the following annual report on Form 10-K.

Our stock price opened the year at \$51.45, fluctuated due to the business conditions in the year, and closed 2005 at \$47.63.

The balance of this letter discusses the key issues in each business segment in 2005, and the actions we are taking to enhance shareholder value in 2006 and beyond.



Cytec Performance Chemicals

Sales were \$856 million with strong volume growth in Mining Chemicals but weakness in Polymer Additives. We were successful in raising selling prices, covering all of the escalating raw material and energy costs which in past years proved elusive. Manufacturing operated well and major investments were successfully completed for capacity expansions in Mining Chemicals and Phosphines. So despite the challenges, we held our operating profit margin at 8% after excluding special items.

Cytec Surface Specialties

The acquisition of the UCB Surface Specialties business closed on February 28th and the immediate focus was on regulatory compliance in terms of safety, environmental and financial reporting followed by the integration of the complementary business units. Organizational alignment was completed within 90 days and we began to focus on the customer and regain market share lost during the regulatory approval process. Unfortunately, at the same time the transaction was completed, the acquired and our own heritage businesses faced the dual challenge of escalating raw material costs and significantly reduced customer demand. We focused our efforts on increasing selling prices and achieving our cost reduction synergy targets for the acquisition, both of which were successful. However, the shortfall in demand on a pro forma basis was 1% versus 2004, well below our expectations and resulted in an operating profit margin after excluding special items of 6%.

In the latter half of 2005, given the poor business conditions, we combined the two specialty chemical units into Cytec Specialty Chemicals under the leadership of Shane Fleming to accelerate decision making, initiate business process improvements and align costs with demand. We also realigned certain product lines within our reporting segments to better reflect the customer base and improve asset management throughout Cytec Specialty Chemicals. The changes in segment reporting are reflected in our 2005 financial reporting.

Concerning the acquisition, we are pleased with the potential of the R&D programs, the manufacturing assets and the quality of the people who joined Cytec. Our strategic intent of the acquisition is intact, i.e. to build a strong global technology-based coating chemicals business with a broad portfolio of differentiated products led by the eco-friendly RADCURE resins, powder coating resins and waterborne coating resin systems. We understand the need to run a streamlined and cost-effective operation and our focus is to quickly improve operating profit margins.

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Building Block Chemicals

Sales were \$284 million and this segment faced several significant challenges in the year. First was the significant raw material and energy cost increases which higher selling prices almost covered. Second, selling volumes were 7% lower than 2004 as high acrylonitrile selling prices inhibited demand in Asia. Finally, the hurricanes had a direct financial impact of \$10 million in addition to reducing demand in North America. The net result was an operating profit margin of only 2%.

Cytec Engineered Materials

Sales were up 11% over prior year at \$542 million with substantial growth coming from the large commercial aircraft sector but also growth in commercial rotorcraft and military aircraft. A major challenge for this segment in 2005 was tight external supplies of carbon fiber. We were successful in maintaining our external supplies and debottlenecking our carbon fiber plants and are considering other alternatives to increase carbon fiber capacity. Manufacturing operations steadily improved as our European advanced composite tapeline reached design conditions and we continue to invest in R&D and technical service personnel to meet the growing opportunities, particularly in new large commercial aircraft programs. The net result of our efforts was an increase in operating earnings by 24% which equates to an operating margin of 19% of sales.

Board of Directors

In April 2005, Mr. Ray Sharpe was elected to Cytec's Board of Directors. Mr. Sharpe is the President and Chief Executive Officer of Isola Group, a privately held manufacturer of base materials for printed circuit boards. His global operating experience, judgment and knowledge of business will be invaluable to Cytec's continuing growth.

2006 Challenges and Opportunities

This year Cytec faces similar business challenges to those in 2005, but we also have many opportunities to improve the performance of our business.

We continue to strive to bring value to our customers through superior technology, to bring all our operations to the highest level of productivity and support the people of Cytec who work to be the best at what they do.

The formation of the Cytec Specialty Chemicals organization retains the strategic and operational benefits of marketing, sales, technical service and R&D personnel dedicated to specific product lines while creating the opportunity for establishing best practices in manufacturing, supply chain, and other vital support services. The result should be a more responsive partner for our customers and a more cost-effective organization.

We believe there is opportunity for sales growth through geographical expansion and new products and we will continue investments in R&D to improve the vitality of our portfolio. We acquired a strong Asian business and infrastructure which we can now build

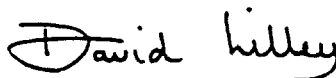
upon to support our customers in the fast-growing Chinese market as well as the more established Asian markets. We are accelerating the introduction of best practices in enterprise planning, manufacturing and logistics by building on the past successes of the chemicals business so that we can run the business in a more proactive and cost-effective manner. We believe this will enable us to steadily improve earnings and optimize working capital.

For Building Block Chemicals, the high costs of energy and key raw materials in the U.S. provides a unique challenge as we operate in a global economy; but the Building Block Chemicals team continues to focus on operational excellence initiatives to ensure our cost competitiveness.

In Cytec Engineered Materials, our challenge is to prioritize the large number of opportunities available to us. The two large commercial aircraft manufacturers are increasing deliveries to meet the global airline passenger growth, and are significantly expanding the use of advanced composites to reduce weight and improve aircraft fuel efficiency. Military applications continue to grow and the business jet market has rebounded. This additional demand requires us to continue and step up our investments in R&D, technical service and associated qualification costs. The unprecedented number of new platforms in this industry opens up windows of opportunity for us to bring the value of our technologies such as thermoplastics, resin infusion and engineered fabrics and adhesive surfacing films to our customers together with our established composite and structural adhesive capabilities. These technology insertion points tend to be longer term in nature and the work we do today is the basis for future sales and earnings.

We continue to expand our carbon fiber capacities to meet the increasing demand and develop new technologies for fibers with enhanced structural properties. We believe that the aerospace industry has tremendous growth potential in the short and medium term.

In summary, we remain confident that we have capabilities within Cytec to meet the growth opportunities ahead of us. We will also retain our focus on cash flow by driving business profitability, optimizing working capital, and prioritizing investments on safety and environmental improvements and also on high-return projects so that we can continue to rapidly pay down debt. This approach also allows us to deliver an improved return on our assets and meet our goal of enhancing shareholder value.



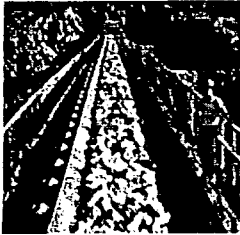
David Lilley
Chairman, President, and Chief Executive Officer

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Cytec Specialty Chemicals – President Shane Fleming

We're committed to our vision – being number one or two in our chosen markets. Right now, we're leading the mining chemicals, RADCURE resins and powder coating resins markets and expect to build on these positions with our new product technologies. We also continue to invest in our strong technology platforms for other markets. In many cases, we've developed cost-effective, environmentally friendly products that will drive future growth and further strengthen our market positions.

A big advantage we now have is the combined assets and resources of the two specialty



chemical business units that were pulled together to form the new Cytec Specialty Chemicals. Being able to leverage this larger, global organization and share best practices throughout our sales, marketing, R&D and technical service teams, allows us to get closer to our customers and better understand market needs – hence driving innovation. The support we offer customers extends to our physical presence as well. Our manufacturing operations around the globe have the infrastructure to expand and meet the demands of high growth markets like Asia.

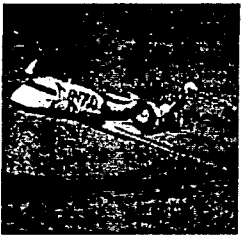
We've got the right people, in the right positions with the right tools to take advantage of the markets we are targeting. We want the industry to know...Cytec is the preferred supplier.



Cytec Engineered Materials – President Steve Speak

Cytec Engineered Materials is first and foremost a technology business. Through technology, we've consistently delivered value to our customers which translates into value for shareholders. Our success is built on our ability to deliver innovative material solutions for the most demanding applications.

We start with deep industry knowledge, an industry-leading product and qualification portfolio, and a highly motivated team of creative people. We add solid understanding of our customers' needs and an innovative technology team that translates basic material science into



value-creating products. Our strong applications support in our customers' facilities and solid manufacturing execution ensures that our solutions help our customers deliver value to their customers.

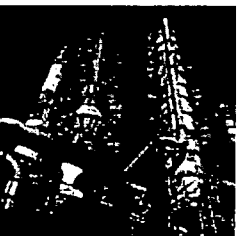
The advanced composite market is growing, driven by new applications in market sectors in which we operate. We'll continue to grow our leadership position through continuous innovation in advanced materials and our ability to provide highly integrated technical solutions to our customers. Building on our solid history, we'll continue to make strategic investments in technology, capacity, capability and operational excellence – striving toward Cytec's vision.



Building Block Chemicals – President Jas Gill

We produce basic building block chemicals safely, efficiently and reliably to enable quality down-stream specialty chemical manufacturing. Simply put, we strive to be world-class operators of our facilities. Our team-based philosophy allows us to discover and implement many synergies inherent in our operating structure.

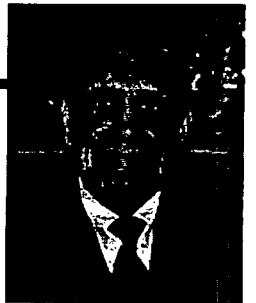
Leading the list of synergistic value is energy conservation. Our combination of chemistries



enables us to cost-effectively balance process steam across production units to minimize natural gas purchases. Our operating unit partnerships on site also play into the synergy equation by absorbing a portion of infrastructure costs.

In our business model, we leverage our unique strengths in the market. We encourage a team-oriented workforce, maximize the benefits of our location and position ourselves to take advantage of the energy markets when they return to global parity.

Our mission is to contribute to the value of Cytec...and it's the people that help drive our competitive advantage.



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OUR COMMITMENT

At Cytec, we are committed to the safety, health and security of our employees, customers and neighbors, and to the protection of the environment. We maintain and improve our policies and programs to prevent accidents and injuries, reduce waste generation and energy use, and recycle. We work with only the most responsible suppliers, contractors, distributors and transporters and maintain open dialogue with all our stakeholders. We believe there is no other way to operate our business.

Responsible Care®

Our values, and the principles defined in our Safety, Health & Environmental (SH&E) policy, guide our daily activities. Our SH&E policy requires that we strive to reduce our impact on society and the environment, and manage risk. Therefore, Cytec embarked on an ambitious program to certify all our sites globally in the American Chemistry Council's Responsible Care 14001 program (RC14001). This program requires us to identify areas where we can improve our SH&E and security performance, and develop action plans to address concerns. Two sites and our headquarters have successfully implemented the system and passed third party audits. Twelve more sites will complete the program in 2006, with the remaining U.S. sites to finish in 2007 and all global sites completed by 2008. We always want our actions to speak louder than our words.

Environmental Sustainability and the RC Global Charter

Cytec is committed to, and works toward, environmentally sustainable products and practices. The need to balance economic prosperity with environmental quality and social equity challenges every organization and will be a priority as we develop new products, improve processes and plan to meet our customers' future needs.

As a member of the American Chemistry Council, we strongly support the Responsible Care program. Last year, the International Council of Chemical Associations Board of Directors approved the Global Responsible Care Charter that focuses on important challenges facing the chemical industry. Cytec intends to embrace the nine key elements of the Charter, some of which are to adopt core principles; commit to advancing sustainable development; enhance product stewardship, and champion and facilitate the extension of Responsible Care throughout the chemical industry's value chain. We must lead if we expect others to follow.

Performance Goals

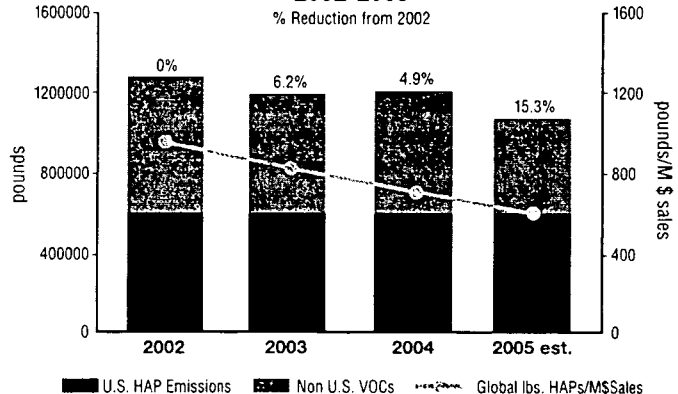
Setting goals for every year is a serious task as we look at our performance from the past year, our long-term goals, our resources and our capabilities. We always strive for continuous improvement and have set aggressive goals that require everyone to stretch.

Safety is paramount, and with the implementation of RC14001, we believe we'll see a boost to our performance over time. Although no injury is acceptable, the recordable injury frequency goal will remain less than 1.0 for 2006 but reduce to 0.5 by 2010. In 2005, our rate was 1.2 which did not meet our goal. However, we did not have as many severe injuries as compared to the prior year.

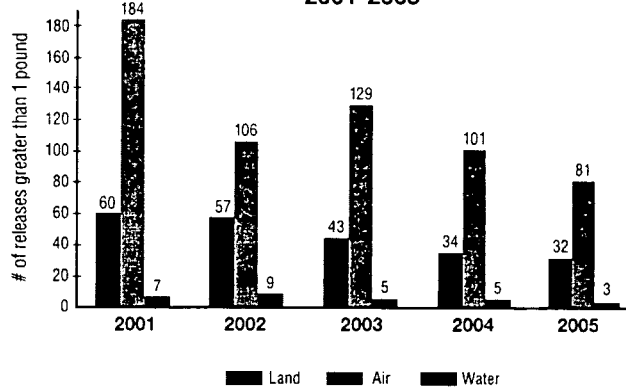
Energy resources will continue to be a challenge for everyone in the industry and we have launched an energy use and efficiency assessment program to better manage our future. When the facts are collected, we will set a long-term goal for 2012.

Cytec is committed to continuous improvement in all areas of safety, health and environmental performance as well as being a good neighbor, employer and supplier.

**Hazardous Air Pollutants*
2002-2005**



**Environmental Releases*
2001-2005**



*Cytec legacy facilities only

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TO OUR STAKEHOLDERS

2005 was a landmark year for Cytec. Among the events that occurred during the year in chronological order were the following:

February - We announced a price reduction for our pending acquisition of UCB's Surface Specialties business. The revised value was approximately \$1.8 billion.

February - We entered into credit agreements totaling \$1.775 billion in preparation for the acquisition of UCB's Surface Specialties business. The agreements included a \$725 million 5-year term loan facility and a \$700 million 364-day credit facility both for use in partially financing the acquisition, as well as a \$350 million 5-year revolving credit facility to provide additional liquidity for general corporate purposes.

February - We acquired Surface Specialties for cash of about \$1.5 billion plus stock of Cytec valued at about \$300 million.

March - Moody's and Standard and Poor's maintained their investment grade ratings on Cytec.

June - We sold our 50% interest in CYRO Industries to our partner Degussa for about \$100 million. Net proceeds were used to reduce acquisition related debt.

August - Hurricane Katrina hit the U.S. Gulf Coast ultimately costing us over \$10 million in lost profits and beginning a significant upward push to our raw material and energy costs. Fortunately, none of our employees suffered any injuries and damage to our plants was relatively minor.

September - We sold Surface Specialties' amino resins business to INEOS for about \$75 million. Net proceeds were also used to reduce acquisition related debt.

September - Hurricane Rita hit the U.S. Gulf Coast driving our raw material and energy costs to all time highs. Fortunately, none of our plants were directly impacted and as far as energy costs, we were mostly protected in the near term by our hedging program.

September - In anticipation of our bond offering, Moody's and Standard and Poor's reaffirmed their investment grade ratings on our debt.

We sold \$500 million of bonds - \$250 million of 5.5% 5-year notes and \$250 million of 6.0% 10-year notes. Following the closing in **October**, we paid off the remaining balance outstanding on our acquisition related 364-day credit facility.

October - We completed the expansion of our Mt. Pleasant plant in Tennessee, U.S. to increase production of metal extractant products used in the copper mining industry by 50%.

In terms of full year results, I offer the following comments:

Acquisition of Surface Specialties - We were disappointed with the initial results from the acquisition. There are many reasons for this including numerous external factors beyond our control but the fact is we didn't achieve our own objectives. However, our recently announced reorganization to form Cytec Specialty Chemicals should allow us to accelerate improvements in the acquired operations and ultimately prove our strategy on this acquisition.

Debt Repayment - Notwithstanding the initial results from the acquisition, we were successful in reducing our debt outstanding to below what we had forecast shortly before the acquisition was completed. The people of Cytec demonstrated again that as an organization in total, we are quite capable of generating substantial cash.

Debt Ratings - We retained our investment grade ratings and are committed to making appropriate efforts to retain them in the future. Investment grade ratings are obviously important to our current bond holders but also provide us with the financial flexibility to grow efficiently in the future.

Overall, we had a challenging year particularly in regards to the acquisition. However, I believe we are following a sound strategy supported by excellent people with adequate financial resources. We will continue to work on the things we can control and be mindful of the things that we can not control. We define mindful as having the ability to anticipate and become aware of unexpected events. As such, we hope to be able to mitigate adverse consequences of future events or, more hopefully, seize opportunities presented by future events to Cytec's benefit.

I encourage you to read our annual report on Form 10-K. This year we have made a concentrated effort to use "plain English" and eliminate all redundancies and duplicate data, unless they are added for clarification or amplification or are required by law, regulation or convention. We hope these changes add clarity and crispness to our disclosures and as always we will be open with communications to our stakeholders.

Sincerely,



James P. Cronin
Executive Vice President and Chief Financial Officer



UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Form 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2005

Commission file number 1-12372

Cytec Industries Inc.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

22-3268660
(I.R.S. Employer
Identification No).

**Five Garret Mountain Plaza
West Paterson, New Jersey**
(Address of principal executive offices)

07424
(Zip Code)

Registrant's telephone number, including area code (973) 357-3100

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Name of exchange on which registered
Common Stock, par value \$.01 per share	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act:

None
(Title of Class)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to the filing requirements for at least the past 90 days. Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. Large accelerated filer Accelerated filer Non-accelerated filer

Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

At June 30, 2005 the aggregate market value of common stock held by non-affiliates was \$1,815,762,963 based on the closing price (\$39.80) of such stock on such date.

There were 46,392,768 shares of common stock outstanding on January 31, 2006.

DOCUMENTS INCORPORATED BY REFERENCE

Documents
Portions of Proxy Statement for 2006 Annual Meeting
Of Common Stockholders, dated March 20, 2006.

Part of Form 10-K
Parts III, IV

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**CYTEC INDUSTRIES INC. AND
SUBSIDIARIES
FORM 10-K
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**COMMENTS ON
FORWARD-LOOKING STATEMENTS**

A number of the statements made by us in our Annual Report on Form 10-K, or in other documents, including but not limited to the Chairman, President and Chief Executive Officer's and Executive Vice President and Chief Financial Officer's letters to stockholders and stakeholders, respectively, our press releases and other periodic reports to the Securities and Exchange Commission, may be regarded as "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995.

Forward-looking statements include, among others, statements concerning our (including our segments) outlook for the future, anticipated results of acquisitions and divestitures, pricing trends, the effects of changes in currency rates and forces within the industry, the completion dates of and anticipated expenditures for capital projects, expected sales growth, operational excellence strategies and their results, expected annual effective tax rates, our long-term goals and other statements of expectations, beliefs, future plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts. Such statements are based upon our current beliefs and expectations and are subject to significant risks and uncertainties. Actual results may vary materially from those set forth in the forward-looking statements.

The following factors, among others, could affect the anticipated results: the ability to complete the successful integration of Surface Specialties, including realization of anticipated synergies within the expected timeframes or at all, and the ongoing operations of the business; the retention of current ratings on our debt; changes in global and regional economies; the financial well-being of end consumers of our products; changes in demand for our products or in the quality, costs and availability of our raw materials and energy; customer inventory reductions; the actions of competitors;

currency and interest rate fluctuations; technological change; our ability to renegotiate expiring long-term contracts; changes in employee relations, including possible strikes; government regulations, including those related to taxation and those particular to the purchase, sale and manufacture of chemicals or operation of chemical plants; governmental funding for those military programs that utilize our products; litigation, including its inherent uncertainty and changes in the number or severity of various types of claims brought against us; difficulties in plant operations and materials transportation, including those caused by hurricanes or other natural forces; environmental matters; returns on employee benefit plan assets and changes in the discount rates used to estimate employee benefit liabilities; changes in the medical cost trend rate; changes in accounting principles or new accounting standards; political instability or adverse treatment of foreign operations in any of the significant countries in which we operate; war, terrorism or sabotage; epidemics; and other unforeseen circumstances.

Unless indicated otherwise, the terms "Cytec", "the Company", "we", "us", and "our" each refer collectively to Cytec Industries Inc. and its subsidiaries.

AVAILABLE INFORMATION

We maintain a website that contains various information on our Company and products. It is accessible at www.Cytec.com. Through our website, stockholders and the general public may access free of charge (other than any connection charges from internet service providers) filings we make with the Securities and Exchange Commission as soon as practicable after filing. Filing accessibility in this manner includes the Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) of the Securities Exchange Act of 1934.

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PART I

ITEM 1. BUSINESS

We are a global specialty chemicals and materials company focused on developing, manufacturing and selling value-added products. Our products serve a diverse range of end markets including aerospace, adhesives, automotive and industrial coatings, chemical intermediates, inks, mining, plastics and water treatment. We use our technology and application development expertise to create chemical and material solutions that are formulated to perform specific and important functions for our customers. We operate on a global basis with 40% of our 2005 revenues in North America, 40% in Europe, 14% in Asia-Pacific and 6% in Latin America. We have manufacturing and research facilities located in 20 countries. We had net sales of \$2,925.7 million and earnings from operations of \$160.5 million in 2005. Cytec was incorporated as an independent public company in December 1993.

On February 28, 2005, we completed the acquisition of the Surface Specialties business ("Surface Specialties") of UCB SA ("UCB") for cash and stock valued at approximately \$1,774.3 million, net of working capital adjustments of \$25.4 million. In connection with the acquisition, we also incurred transaction costs of approximately \$14.9 million. This acquisition complemented our existing product offering to the coatings industry including the general industrial, automotive, architectural, plastic, ink and wood sectors.

The Surface Specialties business had revenues of approximately \$1,350 million in 2004 which included approximately \$154 million of sales from the Surface Specialties amino resins ("SSAR") product line. Pursuant to regulatory approvals, we were required to divest SSAR. On August 31, 2005, we sold SSAR to affiliates of INEOS Group Limited for cash consideration of \$76.6 million (€62.7 million at \$1.22 per euro). This completed our commitments under orders from the Federal Trade Commission and the European Community to divest SSAR following our acquisition of the Surface Specialties business.

After giving effect to the acquisition and a subsequent reorganization, we realigned our four

business segments to include: Cytec Performance Chemicals, Cytec Surface Specialties, Cytec Engineered Materials and Building Block Chemicals. Cytec Performance Chemicals and Cytec Surface Specialties are managed under one executive leader, and are referred to collectively as Cytec Specialty Chemicals. Cytec Performance Chemicals includes our water treatment chemicals, mining chemicals, phosphine and phosphorus specialties, polymer additives and specialty additives all of which were previously reported as Cytec Performance Specialties, as well as urethanes and the acquired polyurethanes and pressure sensitive adhesives product lines which were previously included in Cytec Surface Specialties. Cytec Surface Specialties includes radiation-cured resins (Radcure resins), powder coating resins and liquid coating resins which include various product lines such as water-borne resins and solvent based resins. Cytec Engineered Materials principally includes advanced composites and structural film adhesives. Building Block Chemicals principally includes acrylonitrile, hydrocyanic acid, acrylamide, sulfuric acid and melamine.

Our corporate vision is to be a premier specialty chemicals and materials company through customer focus, superior technology, operational excellence and employee commitment. To achieve our corporate vision, our strategy includes the following initiatives:

- Focus on developing applications and solutions that meet customer needs. We seek to collaborate closely with our customers to understand their needs and provide them with a superior value proposition, whether through improvement in product quality, reduced part cost or a new enabling technology. We seek to market our specialty products in terms of the value they provide and focus on delivering a high level of technical service to our customers as we work with them on solving problems and providing them with better products for their applications. For example, our liquid coating resins technologies benefit customers by delivering valuable performance properties while helping them meet evolving environmental standards, including reducing or eliminating the need for solvents and other volatile organic compounds.

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- Technology leadership. We are dedicated to creating a sustainable competitive advantage through superior technology. We believe our technology is the ultimate engine of our growth and success. To that end we focus on our new product pipeline and delivering value-added products to our customers every year. For example, we have continued to invest in the Cytec Engineered Materials segment by recruiting technical service as well as Research and Development personnel to take advantage of the growing potential for new applications for our technology. Our technology leadership position resulted in one of our high temperature resins systems being used in the F-35 Joint Strike Fighter program. Additionally, within the Cytec Surface Specialties segment, we are developing hybrid resins, in which radiation-curable properties are combined with water-based or powder-based technologies, and in more complex application, such as coil coating, automotive repair, ultraviolet inkjet printing and flat-panel displays.
- Seek geographical expansion of our business. We operate on a global basis with manufacturing plants located in 20 countries. Our recent acquisition of Surface Specialties gave us local manufacturing operations in high growth emerging markets where we can continue to expand sales from existing production and add new technologies as markets develop. We can now service customers better in such countries as China, Thailand, Malaysia, Korea and Brazil.
- Pursue operational excellence and efficiencies. We are focused on operational excellence. To develop and implement best practices, we benchmark our performance against our competitive peer group. This has had a significant positive impact in terms of our safety and environmental performance. Manufacturing has the largest impact on our costs and we use various techniques to reduce our product costs by improving process yields, reducing batch times, increasing capacity and improving and/or streamlining our manufacturing processes.

On June 1, 2005, we sold our 50% ownership in CYRO Industries ("CYRO") to our joint venture partner Degussa Specialty Polymers, an affiliate of Degussa AG, for cash consideration of \$95.0 million plus \$5.4 million for working capital adjustments. The proceeds of this transaction essentially recovered the carrying value of our investment in CYRO. Net proceeds of the sale were used to reduce debt incurred to fund the Surface Specialties acquisition.

In the course of our ongoing operations, we have made a number of strategic business and product line acquisitions and dispositions. All acquisitions have been recorded using the purchase method of accounting. Accordingly, the results of operations of the acquired companies have been included in our consolidated results from the dates of the respective acquisitions.

Our management team regularly reviews our product line portfolio in terms of strategic fit and capital allocation based on financial performance which includes factors such as growth, profitability and return on invested capital. From time to time, we may also dispose of or withdraw certain product lines. We may also acquire additional product lines or technologies. We conduct regular reviews of our plant sites' cost effectiveness, including individual facilities within such sites.

SEGMENT INFORMATION

Revenues from external customers, earnings from operations and total assets for each of our four reportable segments can be found in Note 17 of the Notes to Consolidated Financial Statements which are incorporated by reference herein. This information has been restated to reflect our realigned reporting segments which were changed in March 2005 in connection with the acquisition of Surface Specialties and then again slightly in November 2005 in connection with certain strategic decisions made by us.

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CYTEC PERFORMANCE CHEMICALS

Set forth below are our primary product lines and major products in this segment and their principal applications.

Product Line	Major Products	Principal Applications
Mining chemicals	Promoters, collectors, solvent extractants, flocculants, frothers, filter and dewatering aids, antiscalants, dispersants, depressants, defoamers and reagents	Mineral separation and processing for copper, alumina and certain other minerals
Polymer additives	Ultraviolet light stabilizers and absorbers, high performance antioxidants and antistatic agents	Plastics, coatings, and fibers for: agricultural films, automotive parts, architectural lighting, fiberglass, housewares, packaging, outdoor furniture, sporting goods, toys and apparel
Adhesives	Pressure sensitive adhesives: water-borne and solvent-borne	Signage, labels, tapes, graphics, medical and specialty coaters
Specialty additives and Phosphines	Surfactants, specialty monomers, acrylic stabilizers, solvent extractants, flame retardants, catalyst ligands, high purity phosphine gas and biocides	Textiles, non-wovens and adhesives, super absorbent products, mineral processing, pharmaceutical, chemical and electronic manufacturing, and fumigants
Specialty urethanes	Polyurethanes and urethane resins, carbamates and epoxy resin systems	Breathable textile coatings, formulated polyurethane and epoxy systems, adhesives, inks and sealants
Water treatment chemicals	Flocculants, coagulants, filter aids, drilling fluids and production chemicals, scale inhibitors, friction reducers and mobility control polymers	Water and wastewater treatment, raw water clarification, process water treatment, oil field drilling, production, recovery, refining, sugar processing and municipal waste

We market our performance chemicals through specialized sales and technical service staffs for each of our product lines. Sales are usually made directly to large customers and through distributors to smaller customers. We have achieved growth in our performance chemicals sales by finding new applications for our existing products as well as developing new products. Certain of our products in this segment, primarily water treatment chemicals, are manufactured using acrylamide that is manufactured by our Building Block Chemicals

segment. For further discussion of raw materials, refer to "Customers and Suppliers."

MINING CHEMICALS

Our mining chemicals product line is primarily used in applications to separate desired minerals from host ores. We have leading positions in the copper processing industry, particularly in the flotation and solvent extraction of copper. We also have a

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leading position in the alumina processing industry, where our patented HxPAMs are particularly effective at the flocculation of "red mud." We also sell phosphine specialty reagents which have leading positions in cobalt-nickel solvent extraction separation and complex sulfide flotation applications. In 2003, we broadened our mining chemicals product line by acquiring from Avecia its metal extractant product ("MEP") line. The MEP product line has a leading position for solvent extraction processing of copper oxide ores. In late 2005, we completed a capital project to increase our MEP capacity by about 50%. Demand for mining chemicals is cyclical and varies with industry conditions such as global demand, inventory levels and prices for the particular minerals with respect to which our products have processing applications. We strive to develop new technologies as well as new formulations tailored for specific applications.

POLYMER ADDITIVES

We are a global supplier to the plastics industry of specialty additives which protect plastics from the ultraviolet radiation of sunlight and from oxidation. We seek to enhance our position with new products based on proprietary chemistries, such as our proprietary technology for CYASORB THT ultraviolet stabilizer, and our solutions-based technical support. CYASORB THT provides much improved ultraviolet stabilization efficiency and cost effectiveness. In certain cases, we use a combination of additives to achieve a level of efficiency not previously achieved in polymer applications.

ADHESIVES

As part of our acquisition of Surface Specialties, we acquired specialty pressure sensitive adhesives for both water- and solvent-based systems. The product line has numerous formulations featuring innovative products, such as high-performance emulsions and removable adhesives.

SPECIALTY ADDITIVES AND PHOSPHINES

We are a leading global supplier of acrylamide based specialty monomers and sulfosuccinate

surfactants. These products are used in emulsion polymers, paints, paper coatings, printing inks, and other diverse customer applications.

Our phosphine specialties are utilized for a variety of applications. We are a leading supplier of ultra-high purity phosphine gas, used in semiconductor manufacturing and light emitting diode applications, and have significant positions in various phosphine derivative products including phosphonium salts used in pharmaceutical catalysts and biocides. In 2003, we acquired from Avecia its organo phosphorus product line as part of its Intermediates and Stabilizers product line. The compounds are used primarily as intermediates and catalyst ligands for organic and chemical synthesis in the pharmaceutical and chemical industries.

SPECIALTY URETHANES

As part of our acquisition of Surface Specialties, we acquired a specialty line of polyurethane resins and systems. This plus our existing line of urethanes, carbamates and epoxy resin systems are used in high-performance applications in industries such as aerospace, automotive, military, computers, biomedical, textiles and electrical/electronics.

WATER TREATMENT CHEMICALS

Our water treatment chemicals product line consists primarily of products for use in applications such as treatment of industrial waste streams and industrial influent water supplies to remove suspended solids, drilling mud conditioners for oil service companies and as sewage conditioners for municipal wastewater treatment. Increased demand for clean water, environmental regulations and regional and global economic development have increased demand for our water treatment chemicals. We also produce paper chemicals under a long-term manufacturing supply agreement that expires in October 2008.

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CYTEC SURFACE SPECIALTIES

Set forth below are our primary product lines and major products in this segment and their principal applications.

Product Line	Major Products	Principal Applications
Liquid coating resins	Water-borne and solvent-borne epoxies, alkyds and acrylics, cathodic electro-deposition resins, phenolic resins, amino resins and additives	Automotive and industrial coatings for appliances, automobiles, containers, metal fixtures, metal and wood furniture, and heavy-duty industrial machinery, architectural applications, products used in textiles coating, abrasives, tires, electronics, marine, sanitary and swimming pools
Powder coating resins	Ultraviolet and conventional powders	Powder coatings for industrial and heavy duty metal applications, appliance, white goods, architecture and wood
Rad cure resins	Oligomers, photo-initiators, monomers	Coatings and inks used in industrial metal, wood and plastic coatings including parquet, safety glass interlayer, printing inks and varnishes

We market our surface specialty chemicals through specialized sales and technical service staffs for each of our product lines. Sales are typically made directly to large customers and through distributors to smaller customers. Certain of our products, primarily amino resins, in this segment are manufactured using melamine that is manufactured by our Building Block Chemicals segment. For further discussion of raw materials, refer to "Customers and Suppliers."

LIQUID COATING RESINS

As part of our acquisition of Surface Specialties, we acquired a broad range of water-borne and solvent-borne resins. Together with our amino resins product line, we are now a market leader in resins for high-solids and water-borne coating systems. Our extensive portfolio includes products based on seven chemistries: acrylics, amino resins, epoxy systems, alkyds and polyesters, polyurethanes, phenolics and unsaturated polyesters.

We also market a broad range of additives to assist customers in formulating high-performance coatings for protective and decorative applications. Along with individual additives, we have developed formulated products that combine multiple additives to achieve specific performance properties targeted to meet the needs of diverse industries.

POWDER COATING RESINS

As part of our acquisition of Surface Specialties, we acquired pioneering polyester powder resin technologies for the rapidly growing market for powder coatings. Today, these coatings which are considered environmentally friendly account for a significant portion of the industrial finishing market. We offer innovations such as powder resins for super durable clearcoats, weather-resistant finishes and ultraviolet-curing powder coating systems for heat-sensitive substrates such as plastic and wood. These powder coatings provide original equipment manufacturers with a number of cost and environmental benefits compared to traditional coating systems.

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RADCURE RESINS

We are a leading producer of environmentally friendly, radiation-cured resins for high-performance coatings and graphics applications which we acquired as part of our acquisition of Surface Specialties. These resins are cured (dried and hardened) by exposing them to ultraviolet or electron-beam radiation, rather than heat which typically reduces processing costs and increases productivity. Products such as inks, compact discs, credit cards, packaging and coatings for wood products utilize advanced resins like the ones we have developed.

CYTEC ENGINEERED MATERIALS

Our Cytec Engineered Materials segment primarily manufactures and sells aerospace materials that are used mainly in commercial and military aviation, satellite and launch vehicles, aircraft brakes and certain high-performance applications such as Formula 1 racing cars and high-performance sports cars.

CYTEC ENGINEERED MATERIALS

We manufacture and sell advanced structural film adhesives and advanced composite materials primarily to the aerospace industry and other high performance specialty applications. The primary applications for both aerospace adhesives and advanced composites are large commercial airliners, regional and business jets, military aircraft (including rotorcraft, satellites and launch vehicles), high-performance automotive and specialty applications.

Advanced composites are exceptionally strong and lightweight materials manufactured by impregnating fabrics and tapes made from high performance fibers (such as carbon fiber) with epoxy, bismaleimide, phenolic, polyimide and other resins formulated or purchased by us.

Sales are dependent to a large degree on the commercial and military aircraft build-rates and the number of applications and aircraft programs for which we are a qualified supplier. Every major commercial aircraft program in the Western world has qualified and uses certain of our products. We are a major supplier to such military programs as

the F-35 Joint Strike Fighter, the F/A-22 and F/A-18 combat aircraft and the C-17 transport aircraft. We have a number of long term agreements, expiring over various periods, to supply aerospace customers with their requirements, subject to various exceptions, of various specialty materials at prices that are generally fixed by year.

Advanced composites generally account for a higher percentage of the structural weight on a military aircraft than on a commercial aircraft. They also account for a higher percentage of the structural weight on newer design commercial aircraft than older design commercial aircraft as technology progresses and manufacturers design planes to achieve greater fuel efficiency. Advanced composites made from carbon fibers and epoxy or bismaleimide resins are primarily used for structural aircraft applications such as wing, tail and rudder components, engine housings, and fuselage components while advanced composites made from fiberglass or aramid materials and phenolic resins are primarily used for secondary structure applications such as fairings and interior aircraft applications such as sidewall, ceiling and floor panels and storage and cargo bins. In addition, our ablatives are used in manufacturing rocket nozzles and our carbon/carbon products are used in manufacturing aircraft and other high performance brakes. We expect the demand for advanced composites to continue to increase. In order to meet this demand, in 2004 we completed an expansion of our production facility in Oestringen, Germany.

Our aerospace adhesives and advanced composites also have various applications in industrial, high performance automotive and selected recreational products. We are seeking to leverage our engineered materials portfolio with customers in these and other new markets where we can add value.

We purchase from third parties all of the aramid and glass fibers and much of the carbon fibers and base resins used in the manufacture of composites. Approximately 35% of our demand for carbon fibers is sourced from Cytec Carbon Fibers as discussed below. Refer to "Customers and Suppliers."

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We market aerospace materials primarily through a dedicated sales and technical service staff typically direct to customers.

CYTEC CARBON FIBERS

We manufacture and sell various high-performance grades of both polyacrylonitrile ("PAN") type and pitch type carbon fibers. Carbon fibers are mainly used as a reinforcement material for advanced composites used in the aerospace and certain other industries and have many advantageous characteristics such as light weight, high tensile strength and strong heat resistance. Approximately 60% of our carbon fiber production is utilized by Cytec Engineered Materials with the balance being sold to third parties. We have recently commenced a project to increase our production of PAN carbon fiber by approximately 25%. This project is expected to be completed by the third quarter of 2006.

BUILDING BLOCK CHEMICALS

Building Block Chemicals are manufactured primarily at our world-scale, highly integrated Fortier facility. The Fortier facility is located on the bank of the Mississippi River near New Orleans, Louisiana and has access to all major forms of transportation and supplies of raw materials. This segment's product line includes acrylonitrile, hydrocyanic acid, acrylamide, sulfuric acid and melamine that are produced both for use internally within our other segments and for merchant sale. We strive to operate our plants at capacity subject to market conditions and raw material availability. Due to hurricane activity in the Gulf region, our Fortier facility experienced reduced production levels during the third quarter of 2005. This reduction in production level was primarily due to our decision to safely shut down the facility in advance of the hurricanes and the subsequent temporary loss of power and natural gas supply.

MELAMINE

American Melamine Industries ("AMEL"), a 50% owned manufacturing joint venture with a subsidiary of DSM N.V. ("DSM"), operates the melamine manufacturing plant with an annual

production capacity of approximately 160 million pounds at our Fortier facility. We typically use approximately 80% to 90% of our 50% share of AMEL's production, primarily for the production of amino resins for our liquid coating resins product line with the balance being sold to third parties. As allowed by the terms of the joint venture agreement, DSM has given us notice of termination of the joint venture effective August 1, 2007 and has nominated zero output from AMEL during the first two months of 2006 citing high raw material input costs, notably those impacted by North American natural gas pricing. DSM has stated their intent to monitor raw material pricing in North America and possibly resume production when economically attractive. We have served notice to AMEL to operate the melamine plant to produce our half of the output capacity. If DSM takes zero output from AMEL throughout 2006, we estimate that it will have a negative economic impact to Cytec of approximately \$5.0 million due to the loss of certain efficiencies that accompany the plant when it operates at capacity. DSM filed a lawsuit against us in 2006 seeking immediate dissolution of AMEL or the appointment of a receiver for AMEL, the rescission of the services agreement between Cytec and AMEL and compensatory damages. We believe the lawsuit is without merit and we are vigorously defending against all of the claims.

ACRYLONITRILE AND HYDROCYANIC ACID

We anticipate that over the near term we will internally use approximately 30% of our current acrylonitrile production to produce acrylamide. We expect to sell up to approximately 40% of our current acrylonitrile production to an international trading company under a long-term distribution agreement at a market based price. We sell hydrocyanic acid, a co-product of the manufacture of acrylonitrile, under a long-term supply agreement to a tenant at our Fortier site.

OTHER BUILDING BLOCK CHEMICALS

We manufacture and sell acrylamide and sulfuric acid. We anticipate that over the near term we will internally use approximately 40% of our acrylamide production capacity for the production of certain products primarily for our Cytec Performance

Chemicals segment with the balance being sold to third parties. We sell sulfuric acid and regenerated sulfuric acid under a long-term supply agreement to a tenant at our Fortier site and sell sulfuric acid in the merchant marketplace.

Prices of Building Block Chemicals are sensitive to the stages of economic cycles, raw material cost and availability, energy prices and currency rates, as well as to periods of insufficient or excess capacity. Building Block Chemicals and its competitors tend to operate their plants at capacity even in poor market environments, which may result in strong downward pressure on product pricing.

We sell Building Block Chemicals to third parties through a direct sales force and distributors.

ASSOCIATED COMPANY AND MINORITY INTERESTS

Through May 31, 2005, we had one associated company that was material to our operations, CYRO Industries ("CYRO"), a 50% owned joint venture. Upon acquisition of Surface Specialties, we acquired a 50% ownership interest in SK Cytec Co., Ltd. and two majority-owned entities, none of which are material to the results of our operations.

COMPETITION

We actively compete with companies producing the same or similar products and, in some instances, with companies producing different products designed for the same uses. We encounter competition in price, delivery, service, performance, product innovation and product recognition and quality, depending on the product involved. For some of our products, our competitors are larger and have greater financial resources than we do. As a result, these competitors may be better able to withstand a change in conditions within the industries in which we operate, a change in the prices of raw materials without increasing their prices or a change in the economy as a whole.

Our competitors can be expected to continue to develop and introduce new and enhanced products, which could cause a decline in market

acceptance of our products. Current and future consolidation among our competitors and customers may also cause a loss of market share as well as put downward pressure on pricing. Our competitors could cause a reduction in the prices for some of our products as a result of intensified price competition. Competitive pressures can also result in the loss of major customers.

In general, we compete by maintaining a broad range of products, focusing our resources on products in which we have a competitive advantage and fostering our reputation for quality products, competitive prices and excellent technical service and customer support. To help increase sales and margins, we are seeking to leverage our research and development efforts to develop value-added products and products based on proprietary technologies. If we cannot compete successfully, our businesses, financial condition and results of operations could be adversely affected.

CUSTOMERS AND SUPPLIERS

Sales to three of our customers, including sales to these customers' subcontractors, are significant to our Cytec Engineered Materials segment. The loss of these customers and related subcontractors would have a material adverse effect on the operating results of our Cytec Engineered Materials segment. Sales of hydrocyanic acid and the sale and regeneration of sulfuric acid to one of our customers are significant to our Building Block Chemicals segment. The loss of this customer would have a material adverse effect on the operating results of our Building Blocks Chemicals segment. Sales to one customer of our Cytec Surface Specialties segment are significant to this segment and, if such sales were lost, would have a material adverse effect on the operating results of our Cytec Surface Specialties segment. A summary of various long-term customer supply agreements is disclosed in Note 11 of the Notes to Consolidated Financial Statements which are incorporated by reference herein.

A number of our customers operate in cyclical industries such as the aerospace, automotive, mining and paper industries. This in turn, causes demand for our products to also be cyclical.

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Industry cycles also impact profitability of our Building Block Chemicals' sales.

Key raw materials for the Cytec Specialty Chemical segments and the Building Block Chemicals segment are propylene, ammonia, methanol derivatives, propylene derivatives such as acrylic acid and natural gas for energy. Key raw materials for the Cytec Engineered Materials segment are carbon fiber and various resins. We require natural gas, propylene, ammonia and sulfur to manufacture our Building Block Chemicals. These are typically available although we have experienced tight markets for certain raw materials from time to time.

Oil and natural gas are important indirect raw materials for many of our products. The prices of both of these raw materials have been volatile over time and have risen sharply in 2005. Because natural gas is not easily transported, the price may vary widely between geographic regions. The price of natural gas in the U.S. is typically higher than the price in many other parts of the world. Many of our products compete with similar products made with less expensive natural gas available elsewhere and we may not be able to recover any or all of the increased cost of gas in manufacturing our products.

Our Fortier facility is served principally by a single propylene pipeline owned by a supplier. Other suppliers can utilize the pipeline for a transportation fee. We also have arrangements to obtain propylene by rail.

To minimize reliance on any one supplier, we generally attempt to retain multiple sources for high volume raw materials, other than our own Building Block Chemicals. We source our requirements of cationic monomers, important raw materials in the water treatment chemicals and mining chemicals product lines, from a single supplier under a long-term agreement. We are dependent on a limited number of suppliers for carbon fibers that are used in many of our advanced composite products. As we manufacture some of our own carbon fibers, the risk of future carbon fiber supply limitations is somewhat reduced. Currently carbon fiber is in short supply and until market capacity increases,

shortages are possible. There can be no assurance that the risk of encountering supply limitations can be entirely eliminated.

Changes to raw material costs year on year are an important factor in profitability. Raw material prices can increase or decrease based on supply and demand and other market forces. We have from time to time experienced difficulty procuring several key raw materials, such as propylene, natural gas and carbon fiber, due to general market conditions or conditions unique to a significant supplier and may experience supply disruptions of these and other materials in the future. During such periods, prices of the relevant raw materials may increase significantly and potentially adversely affect our profit margins. Additionally, such conditions, if protracted, could result in our inability to manufacture our products, resulting in lower than anticipated revenues. Due to the impact of both Hurricane Katrina and Hurricane Rita, there was a regional disruption in the supply of natural gas.

We expect to continue to encounter tight markets for certain key raw materials during 2006. Limited availability of these materials could lead to increased prices which we may or may not be able to pass on to our customers. If we are unable to raise our selling prices to recover the increased costs of raw materials driven by higher energy costs or other factors, our profit margins will be materially adversely affected.

INTERNATIONAL

We operate on a global basis, with manufacturing and research facilities located in 20 countries. Through our sales forces, third party distributors and agents, we market our products internationally. Financial geographical information is contained in Note 17 of the Notes to Consolidated Financial Statements which are incorporated by reference herein.

International operations are subject to various risks which may not be present in U.S. operations. These risks include political instability, the possibility of expropriation, restrictions on royalties, dividends and remittances, instabilities of currencies, requirements for governmental

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approvals for new ventures and local participation in operations such as local equity ownership and workers' councils. Currency fluctuations between the U.S. dollar and the currencies in which we do business have caused and will continue to cause foreign currency transaction gains and losses, which may be material. While we do not currently believe that we are likely to suffer a material adverse effect on our results of operations in connection with our existing international operations, any of these events could have an adverse effect on our international operations in the future by reducing the demand for our products, affecting the prices at which we can sell our products or otherwise having an adverse effect on our operating performance.

RESEARCH AND PROCESS DEVELOPMENT

During 2005, 2004 and 2003, we incurred \$68.5 million, \$40.0 million and \$35.2 million, respectively, of research and process development expense. During 2005, we also recorded a charge of \$37.0 million in connection with the acquisition of Surface Specialties for the write-off of acquired in-process research and development.

TRADEMARKS AND PATENTS

We have approximately 2,100 patents issued in various countries around the world. We also have trademark applications and registrations for approximately 200 product names. We do not believe that the loss of patent or trademark protection on any one product or process would have a material adverse effect on our company. While the existence of a patent is prima facie evidence of its validity, we cannot assure that any of our patents will not be challenged, nor can we predict the outcome of any challenge.

EMPLOYEES

We employ approximately 7,300 employees of which about one-half are represented by unions. We believe that our relations with employees and unions are generally good.

OPERATING RISKS

Our revenues are largely dependent on the continued operation of our various manufacturing facilities. There are many risks involved in operating chemical manufacturing plants, including the breakdown, failure or substandard performance of equipment, operating errors, natural disasters, the need to comply with directives of, and maintain all necessary permits from, government agencies and potential terrorist attack. Our operations can be adversely affected by labor force shortages or work stoppages and events impeding or increasing the cost of transporting our raw materials and finished products. The occurrence of material operational problems, including but not limited to the above events, may have a material adverse effect on the productivity and profitability of a particular manufacturing facility. With respect to certain facilities, such events could have a material effect on our company as a whole.

Our operations are also subject to various hazards incident to the production of industrial chemicals. These include the use, handling, processing, storage and transportation of certain hazardous materials. Under certain circumstances, these hazards could cause personal injury and loss of life, severe damage to and destruction of property and equipment, environmental damage and suspension of operations. Claims arising from any future catastrophic occurrence at one of our locations may result in Cytec being named as a defendant in lawsuits asserting potentially large claims.

We typically seek to utilize third party insurance. This insurance covers portions of certain of these risks to the extent that coverage is available and can be obtained on terms we believe are economically justifiable.

ENVIRONMENTAL MATTERS

We are subject to various laws and regulations which impose stringent requirements for the control and abatement of pollutants and contaminants and the manufacture, transportation, storage, handling and disposal of hazardous substances, hazardous wastes, pollutants and contaminants.

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In particular, under various laws in the U.S. and certain other countries in which we operate, a current or previous owner or operator of a facility may be liable for the removal or remediation of hazardous materials at the facility and nearby areas. Such laws typically impose liability without regard to whether the owner or operator knew of, or was responsible for, the presence of such hazardous materials. In addition, under various laws governing the generation, transportation, treatment, storage or disposal of solid and hazardous wastes, owners and operators of facilities may be liable for removal or remediation, or other corrective action at areas where hazardous materials have been released. The costs of removal, remediation or corrective action may be substantial. The presence of hazardous materials in the environment at any our facilities, or the failure to abate such materials promptly or properly, may adversely affect our ability to operate such facilities. Certain of these laws also impose liability for investigative, removal and remedial costs on persons who dispose of or arrange for the disposal of hazardous substances at facilities owned or operated by third parties. Liability for such costs is retroactive, strict, and joint and several.

We are required to comply with laws that govern the emission of pollutants into the ground, waters and the atmosphere and with laws that govern the generation, transportation, treatment, storage, and disposal of solid and hazardous wastes. We are also subject to laws that regulate the manufacture, processing, and distribution of chemical substances and mixtures, as well as the disposition of certain hazardous substances. In addition, certain laws govern the abatement, removal, and disposal of asbestos-containing materials and the maintenance of underground storage tanks and equipment which contains or is contaminated by polychlorinated biphenyls. The costs of compliance with such laws and related regulations may be substantial, and regulatory standards tend to evolve towards more stringent requirements. These requirements might, from time to time, make it uneconomic or impossible to continue operating a facility. Non-compliance with such requirements at any of our facilities could result in substantial civil penalties or our inability to operate all or part of the facility, or our ability to sell certain products.

Further discussion of environmental matters is discussed in Note 11 of the Notes to Consolidated Financial Statements which are incorporated by reference herein.

ITEM 1A. RISK FACTORS

Our indebtedness could adversely affect our financial condition, limit our ability to grow and compete and prevent us from fulfilling our obligations under our notes and our other indebtedness.

As of December 31, 2005, we had \$1,311.0 million of debt outstanding, and \$350.0 million of availability under our five year revolving credit agreement. Our indebtedness could adversely affect our financial condition, limit our ability to grow and compete and prevent us from fulfilling our obligations under our notes and our other indebtedness. A discussion of our debt is contained in Note 10 of the Notes to Consolidated Financial Statements which are incorporated herein.

We consider our principal credit agreements ("PCA's") to be our five-year term loan (\$461.2 million outstanding at December 31, 2005) and \$350.0 million five-year revolving credit facilities (zero amount outstanding at December 31, 2005). Our PCA's require us to meet financial ratios, including total consolidated debt to consolidated EBITDA (as defined in the credit agreements) and consolidated EBITDA (as defined in the credit agreements) to interest expense. These restrictions could limit our ability to plan for or react to market conditions or meet extraordinary capital needs and could otherwise restrict our financing activities.

Our ability to comply with the covenants as in effect from time to time, will depend on our future operating performance. If we fail to comply with those covenants and terms, we will be in default. In this case, we would be required to obtain waivers from our lenders in order to maintain compliance. If we were unable to obtain any necessary waivers, the debt under our PCA credit facilities could be accelerated, and become immediately due and payable. In addition, both of our PCA's have a cross default provision whereby amounts outstanding could become due and payable if we default on other debt obligations of at least \$25.0 million.

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We could be adversely affected if our debt is downgraded.

Our ability to complete financing of debt securities on satisfactory terms in the future will depend, in part, on the status of our future credit ratings. The current ratings of our senior unsecured long-term indebtedness are BBB- by Standard & Poor's Ratings Service ("S&P") and Baa3 by Moody's Investors Service, Inc. ("Moody's"). Either S&P or Moody's, or both, may downgrade our credit rating at any time, which would make it more difficult to complete financing of debt securities on satisfactory terms and would generally result in increased future borrowing costs and more restrictive covenants and may adversely affect our access to capital. In addition, such a downgrade from current levels would trigger a requirement, under the terms of our PCA's, for specified subsidiaries in the U.S. to guarantee the obligations under our PCA's.

We may encounter difficulties in completing the integration of Surface Specialties and operating the acquired business which could adversely affect our financial performance or our ability to compete successfully in our markets.

Integrating and operating the acquired businesses, and achieving the full benefit and potential efficiencies from such acquisitions, requires substantial management, financial and other resources and may pose several risks, some or all of which could have a material adverse effect on our business, financial condition or results of operations. These risks include:

- difficulties in assimilation of acquired personnel, operations and technologies;
- the need to manage a significantly larger business with operations in different locations around the world;
- diversion of management's attention from the ongoing development of our existing businesses or other business concerns;
- failure to retain key personnel of the acquired business; and

- unforeseen operating difficulties and expenditures.

If we experience any of these difficulties our financial performance and ability to compete successfully in any of our markets could be adversely affected.

Disposition or restructuring charges and goodwill impairment or acquisition intangible impairment or asset impairment charges may unpredictably affect our results of operations in the future.

Management regularly reviews our business portfolio in terms of strategic fit and financial performance and may from time to time dispose of or withdraw certain product lines. Additionally, management regularly reviews the cost effectiveness of its plant sites and/or asset at such sites. Long-lived assets with determinable useful lives are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. We may find it necessary to record disposition, restructuring or asset impairment charges in connection with such reviews. For example, we recorded restructuring charges of \$14.1 million in the fourth quarter of 2005. Such charges could have a material adverse effect on our results of operations in the period in which they are recorded. Another example is an event such as the notice of termination by DSM of our manufacturing joint venture at the end of its term on August 1, 2007. We are reviewing our go-forward options at the end of the venture, and depending on various factors and assumptions such as market demand and raw material costs it could lead to the recording of an impairment charge related to the recoverability of the AMEL long-lived assets. At December 31, 2005, the carrying value of our 50% share of AMEL's long-lived assets was approximately \$15.0 million. Based on our current plans, the estimated future cash flows are sufficient to support the carrying value of these assets. For further discussion of AMEL, see "Building Block Chemicals Segment, Melamine."

We test goodwill and indefinite-lived acquisition intangible assets for impairment on an annual basis

in our fourth fiscal quarter and more often if events occur or circumstances change that would likely reduce the fair value of a reporting unit to an amount below its carrying value. We also test for other possible acquisition intangible impairments if events occur or circumstances change that would likely reduce the fair value of the stated assets.

In connection with the acquisition of Surface Specialties, we recorded goodwill in the amount of \$728.3 million and recorded acquisition intangibles of \$490.4 million at December 31, 2005. In total, we had \$1,012.2 million of goodwill, and acquisition intangibles with a net carrying value of \$491.5 million at December 31, 2005. Future events could cause the impairment of goodwill or acquisition intangibles associated with the Surface Specialties business or any other of our reporting units. Any resulting impairment loss would be a non-cash charge and may have a material adverse impact on our results of operations in any future period in which we record a charge.

Prices and availability of raw materials could adversely affect our operations.

See "Item 1. BUSINESS – Customers and Suppliers."

We face active competition from other companies, which could adversely affect our revenue and financial condition.

See "Item 1. BUSINESS – Competition."

We face numerous risks relating to our international operations that may adversely affect our results of operations.

See "Item 1. BUSINESS – International."

Our production facilities are subject to operating risks that may adversely affect our operations.

See "Item 1. BUSINESS – Operating Risks."

We are subject to significant environmental and product regulatory expenses and risks.

See "Item 1. BUSINESS – Environmental Matters."

Some of our customers' businesses are cyclical and demand by our customers for our products weakens during economic downturns. Loss of significant customers may have an adverse effect on our business.

See "Item 1. BUSINESS – Customers and Suppliers."

We are subject to significant litigation expense and risk.

See "Item 1. LEGAL PROCEEDINGS."

**ITEM 1B.
UNRESOLVED STAFF COMMENTS**

None.

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ITEM 2. PROPERTIES

We operate manufacturing and research facilities in 20 countries. Capital spending for the years ended 2005, 2004 and 2003 was \$105.3 million, \$89.3 million and \$93.8 million, respectively.

Our capital expenditures are intended to provide increased capacity, to improve the efficiency of production units, to improve the quality of our products, to modernize or replace older facilities, or to install equipment for protection of employees, neighboring communities and the environment.

Our manufacturing and research facilities and the segments served by each such facility are as follows:

Facility	Segments Served
Anaheim, California	Cytec Engineered Materials
Antofagasta, Chile	Cytec Performance Chemicals
Atequiza, Mexico	Cytec Performance Chemicals
Avondale (Fortier), Louisiana	Building Block Chemicals
Bassano, Italy	Cytec Surface Specialties
Belmont (Willow Island), West Virginia	Cytec Performance Chemicals
Bogota, Colombia	Cytec Performance Chemicals; Cytec Surface Specialties
Botlek, the Netherlands	Cytec Performance Chemicals; Cytec Surface Specialties; Building Block Chemicals
Bradford, U.K.	Cytec Performance Chemicals
Dijon, France	Cytec Surface Specialties
Drogenbos, Belgium	Cytec Performance Chemicals; Cytec Surface Specialties
Graz, Austria	Cytec Surface Specialties
Greenville, South Carolina	Cytec Engineered Materials
Greenville, Texas	Cytec Engineered Materials
Gumi, Korea	Cytec Performance Chemicals
Hamburg, Germany	Cytec Surface Specialties
Havre de Grace, Maryland	Cytec Engineered Materials
Indian Orchard, Massachusetts	Cytec Performance Chemicals
Kalamazoo, Michigan	Cytec Performance Chemicals; Cytec Surface Specialties
La Llagosta, Spain	Cytec Surface Specialties
Langley, South Carolina	Cytec Performance Chemicals; Cytec Surface Specialties

Facility	Segments Served
Lillestrom, Norway	Cytec Surface Specialties
Longview, Washington	Cytec Performance Chemicals
Mobile, Alabama	Cytec Performance Chemicals
Mount Pleasant, Tennessee	Cytec Performance Chemicals
New Castle, Delaware	Cytec Performance Chemicals
North Augusta, South Carolina	Cytec Surface Specialties
Oestringen, Germany	Cytec Engineered Materials
Olean, New York	Cytec Performance Chemicals
Orange, California	Cytec Engineered Materials
Pampa, Texas	Cytec Surface Specialties
Rayong, Thailand	Cytec Surface Specialties
Rock Hill, South Carolina	Cytec Engineered Materials
San Fernando, Spain	Cytec Surface Specialties
Schoonaarde, Belgium	Cytec Surface Specialties
Seremban, Malaysia	Cytec Surface Specialties
Shanghai, China	Cytec Surface Specialties
Shimonoseki, Japan	Cytec Surface Specialties
Smyrna, Georgia	Cytec Surface Specialties
Stamford, Connecticut	Cytec Performance Chemicals; Cytec Surface Specialties
Suzano, Brazil	Cytec Surface Specialties
Wallingford, Connecticut	Cytec Performance Chemicals; Cytec Surface Specialties
Welland, Canada	Cytec Performance Chemicals
Werndorf, Austria	Cytec Surface Specialties
Wiesbaden, Germany	Cytec Surface Specialties
Winona, Minnesota	Cytec Engineered Materials
Wrexham, U. K.	Cytec Engineered Materials

We own all of the foregoing facilities and their sites except for the land at the Botlek, Indian Orchard, Lillestrom, New Castle, Pampa, Smyrna and Shimonoseki facilities. The land is leased under long-term leases, except for the Indian Orchard, New Castle and Pampa facilities. We are currently negotiating our leases with our landlords for the Indian Orchard and Pampa locations, and reviewing our options regarding these sites. We plan to relocate our New Castle, Delaware operations to the new plant we are building at our Kalamazoo, Michigan facility. We anticipate the relocation to be complete during the last half of 2007. We lease our corporate headquarters in West Paterson, New Jersey, our Cytec Specialty Chemicals headquarters in Brussels, Belgium and our Cytec Engineered Materials headquarters located in Tempe, Arizona.

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**ITEM 3.
LEGAL PROCEEDINGS**

We are the subject of numerous lawsuits and claims incidental to the conduct of our or our predecessors' businesses, including lawsuits and claims relating to product liability, personal injury, environmental, contractual, employment and intellectual property matters. Many of the matters relate to the use, handling, processing, storage, transport or disposal of hazardous materials. We believe that the resolution of such lawsuits and claims, including those described below, will not have a material adverse effect on our consolidated financial position, but could be material to our consolidated results of operations and cash flows in any one accounting period. We, in this section, includes certain predecessor entities being indemnified by us.

LEAD PIGMENT

We are among several defendants in approximately 30 cases in the U.S., in which plaintiffs assert claims for personal injury, property damage, and other claims for relief relating to one or more kinds of lead pigment that were used as an ingredient decades ago in paint for use in buildings. The different suits were brought by government entities and/or individual plaintiffs, on behalf of themselves and others. The suits variously seek compensatory and punitive damages and/or injunctive relief, including funds for the cost of monitoring, detecting and removing lead based paint from buildings and for medical monitoring; for personal injuries allegedly caused by ingestion of lead based paint; and plaintiffs' attorneys' fees. We believe that the suits against us are without merit, and we are vigorously defending against all such claims. Accordingly, no loss contingency has been recorded.

In July 2005, the Supreme Court of Wisconsin held in a case in which we were one of several defendants that Wisconsin's risk contribution doctrine applies to bodily injury cases against manufacturers of white lead pigment. Under this

doctrine, manufacturers of white lead pigment may be liable for injuries caused by white lead pigment based on their past market shares unless they can prove they are not responsible for the white lead pigment which caused the injury in question. Seven other courts have previously rejected the applicability of this and similar doctrines to white lead pigment. We settled this case for an immaterial amount. Although similar cases may be filed in Wisconsin, we intend to vigorously defend ourselves if such case(s) are filed based on what we believe to be our non-existent or diminutive market share. Accordingly, we do not believe that our liability, if any, in such cases will be material, either individually or in the aggregate and no loss contingency has been recorded.

We have access to a substantial amount of primary and excess general liability insurance for property damage and believe these policies are available to cover a significant portion of both our defense costs and indemnity costs, if any, for lead pigment related property damage claims. We have agreements with two of our insurers which provide that they will pay for approximately fifty percent (50%) of our defense costs associated with lead pigment related property damage claims and we continue to pursue recovery of our past and future defense costs from additional insurers.

ASBESTOS

We, like many other industrial companies, have been named as one of hundreds of defendants in a number of lawsuits filed in the U.S. by persons alleging bodily injury. The claimants allege exposure to asbestos at facilities that we either formerly or currently own or from products that we formerly manufactured for specialized applications. Most of these cases involve numerous defendants, sometimes as many as several hundred. Historically, most of the closed asbestos claims against us have been dismissed without any indemnity payment by us, and we have no information that this pattern will change.

The following table presents information about the number of claimants involved in asbestos cases with us:

	Year Ended December 31, 2005	Year Ended December 31, 2004
Number of claimants at beginning of period	27,947	26,955
Number of claimants associated with claims closed during period	(11,949)	(3,540)
Number of claimants associated with claims opened during period	2,113	4,532
Number of claimants at end of period	18,111	27,947

OTHER

In 2006, we were named as a defendant in a series of civil cases alleging violation of antitrust laws relating to the sale of methyl methacrylate, a chemical manufactured and sold by CYRO, and seeking damages arising out of such alleged violations. We sold our interest in CYRO to Degussa in 2005, and in accordance with the terms of the sales agreement, we expect Degussa and CYRO to provide us with full indemnity for any losses and expenses associated with these cases.

In February 2006, a subsidiary of DSM filed a lawsuit against us seeking immediate dissolution of AMEL, the melamine manufacturing joint venture between DSM and Cytec or the appointment of a receiver for the joint venture, the rescission of the services agreement between Cytec and AMEL and compensatory damages. We believe this lawsuit is without merit and we are vigorously defending against all of the claims.

We commenced binding arbitration proceedings against SNF SA ("SNF"), in 2000 to resolve a commercial dispute relating to SNF's failure to

purchase agreed amounts of acrylamide under a long-term agreement. In July, 2004, the arbitrators awarded us damages and interest aggregating approximately 11.0 million euros plus interest on the award at a rate of 7% per annum from July 28, 2004 until paid. We have obtained a court order in France to enforce the award, which order is being appealed by SNF. No gain contingency has been recorded. Subsequent to the arbitration award, SNF filed a complaint alleging criminal violation of French and European Community antitrust laws relating to the contract which was the subject of the arbitration proceedings. We believe that the complaint is without merit.

In addition to liabilities with respect to the specific cases described above, because the production of certain chemicals involves the use, handling, processing, storage, transportation and disposal of hazardous materials, and because certain of our products constitute or contain hazardous materials, we have been subject to claims of injury from direct exposure to such materials and from indirect exposure when such materials are incorporated into other companies' products. There can be no assurance that, as a result of past or future operations, there will not be additional claims of injury by employees or members of the public due to exposure, or alleged exposure, to such materials.

See "Item 1. BUSINESS – Environmental Matters" and Note 11 of the Notes to Consolidated Financial Statements.

**ITEM 4.
SUBMISSION OF MATTERS TO A VOTE
OF SECURITY HOLDERS**

Not applicable.

PART II

**ITEM 5.
MARKET FOR REGISTRANT'S
COMMON EQUITY, RELATED
STOCKHOLDER MATTERS AND
ISSUER PURCHASES OF EQUITY
SECURITIES.**

Our stock is listed on the New York Stock Exchange. On January 31, 2006, there were approximately 8,900 registered holders of our Common Stock.

The high and low closing stock prices and declared dividends per share for each quarter were:

	1Q	2Q	3Q	4Q
2005				
High	\$53.90	\$52.94	\$48.39	\$47.64
Low	\$45.91	\$39.62	\$39.34	\$40.98
Dividends	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10
2004				
High	\$38.76	\$45.45	\$49.99	\$51.73
Low	\$32.97	\$35.50	\$44.31	\$44.92
Dividends	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10

On February 9, 2006, our Board of Directors declared a quarterly cash dividend of \$0.10 per common share, payable on March 15, 2006 to stockholders of record as of February 27, 2006.

Upon closing of our acquisition of the Surface Specialties business of UCB on February 28, 2005, we issued 5,772,857 shares of our common stock to UCB as part of the consideration. See Note 2 of the Notes to Consolidated Financial Statements. The sale was exempt from registration pursuant to Section 4(2) of the Securities Act of 1933 since no public offering was involved. Also, upon closing, we entered into a stockholder's agreement with UCB which provides for UCB to reduce its stake within five years from the closing date and contains other customary terms and provisions.

See Part III, Item 11. "Executive Compensation" for information relating to our equity compensation plans.

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ITEM 6. SELECTED FINANCIAL DATA

FIVE-YEAR SUMMARY

(Dollars in millions, except per share amounts)	2005	2004	2003	2002	2001
Statements of income data:					
Net sales	\$2,925.7	\$1,721.3	\$1,471.8	\$1,346.2	\$1,387.1
Earnings from operations	\$ 160.5 ⁽¹⁾	\$ 167.7 ⁽³⁾	\$ 144.1	\$ 118.4 ⁽⁷⁾	\$ 111.2 ⁽⁹⁾
Earnings before discontinued operations, accounting change, extraordinary item and premium paid to redeem preferred stock	\$ 57.9 ⁽²⁾	\$ 131.0 ⁽⁴⁾	\$ 92.8	\$ 78.7 ⁽⁸⁾	\$ 64.6 ⁽¹⁰⁾
Earnings from discontinued operations, net of taxes	1.2	—	—	—	—
Cumulative effect of accounting change, net of taxes	—	—	(13.6) ⁽⁶⁾	—	—
Extraordinary gain, net of taxes	—	—	—	—	4.9
Premium paid to redeem preferred stock	—	(9.9) ⁽⁵⁾	—	—	—
Net earnings available to common stockholders	\$ 59.1	\$ 121.1	\$ 79.2	\$ 78.7	\$ 69.5
Basic net earnings per common share :					
Net earnings available to common stockholders before accounting change and extraordinary gain	\$ 1.28	\$ 3.06	\$ 2.38	\$ 1.99	\$ 1.61
Earnings from discontinued operations, net of taxes	0.03	—	—	—	—
Cumulative effect of accounting change, net of taxes	—	—	(0.35)	—	—
Extraordinary gain, net of taxes	—	—	—	—	0.12
Net earnings available to common stockholders	\$ 1.31	\$ 3.06	\$ 2.03	\$ 1.99	\$ 1.73
Diluted net earnings per common share:					
Net earnings available to common stockholders before accounting change and extraordinary gain	\$ 1.25	\$ 2.96	\$ 2.31	\$ 1.94	\$ 1.55
Earnings from discontinued operations, net of taxes	0.02	—	—	—	—
Cumulative effect of accounting change, net of taxes	—	—	(0.34)	—	—
Extraordinary gain, net of taxes	—	—	—	—	\$ 0.12
Net earnings available to common stockholders	\$ 1.27	\$ 2.96	\$ 1.97	\$ 1.94	\$ 1.67
Cash dividends declared and paid per common share:	\$ 0.40	\$ 0.40	—	—	—
Balance sheet data:					
Total assets	\$3,810.5	\$2,251.6	\$2,046.4	\$1,785.2	\$1,669.8
Long-term debt	\$1,225.5	\$ 300.1	\$ 416.2	\$ 216.0	\$ 314.7

- (1) Includes a non-deductible charge of \$37.0 for the write-off of acquired in-process research and development, a pre-tax charge of \$20.8 (\$15.4 after tax) resulting from the write-up to fair value of acquired inventory, pre-tax restructuring charges of \$16.8 (\$12.4 after-tax) and pre-tax integration costs of \$0.2 (\$0.1 after-tax).
- (2) In addition to the items in Note (1) above, includes pre-tax charges of \$44.2 (\$28.1 after-tax) related to derivative contracts entered into to hedge currency and interest rate exposure associated with the purchase of Surface Specialties, \$22.0 (\$14.0 after-tax) of interest charges and amortized put premiums and rate lock agreements related to the redemption of the Mandatory Par Put Remarketed Securities ("MOPPRS") and \$28.3 representing the favorable resolution of several prior year tax matters.
- (3) Includes a pre-tax charge of \$8.0 (\$6.2 after-tax) for various litigation matters.
- (4) In addition to the item in Note (3) above, includes a pre-tax charge of \$6.2 (\$4.8 after-tax) relating to the settlement of several environmental and toxic tort lawsuits, a pre-tax charge of \$2.0 (after-tax \$1.6) relating to the settlement of disputed matters with the former holder of our Series C Preferred Stock, a tax credit of \$2.4 resulting from the favorable outcome of a completed international tax audit and a pre-tax gain of \$26.8 (after-tax \$17.1) resulting from derivative transactions related to the acquisition of Surface Specialties.
- (5) Represents a charge to net earnings available to common stockholders resulting from the redemption of our Series C Preferred Stock.
- (6) Represents the cumulative effect of adopting Statement of Financial Accounting Standards ("SFAS") No. 143. Pre-tax expenses resulting from SFAS No. 143 included in Earnings from Operations were \$1.8 in 2003. Had this accounting policy been in effect in prior years, additional pre-tax expenses of \$1.7 in 2002 and \$1.6 in 2001 would have been recognized in the determination of earnings from operations.
- (7) Includes net restructuring pre-tax charges of \$13.7 (\$9.2 after-tax) and a pre-tax charge of \$1.7 (\$1.1 after-tax) for costs associated with obtaining a tax refund related to the prior years' research and development tax credit.
- (8) In addition to the items in Note (7) above, includes restructuring pre-tax charges of \$0.4 (\$0.2 after-tax) included in equity in earnings of associated companies, \$2.0 of pre-tax interest income (after tax \$1.3) related to the research and development tax credit, and a \$6.0 reduction in income tax expense related to a refund associated with prior years' research and development tax credits.
- (9) Includes a restructuring pre-tax charge of \$5.4 (\$3.5 after-tax) and pre-tax goodwill amortization of \$9.7 (\$6.3 after-tax) that is no longer amortized under SFAS No. 142, "Goodwill and Other Intangible Assets."
- (10) In addition to the restructuring charge in note (9) above, includes a restructuring pre-tax charge of \$2.3 (\$1.5 after-tax) included in earnings of associated companies.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion and analysis should be read in conjunction with the Consolidated Financial Statements and Notes to Consolidated Financial Statements. It is assumed that the reader is familiar with the description of our business and risk factors contained in Part I of this report. Currency amounts are in millions, except per share amounts. Percentages are approximate.

GENERAL

We are a global specialty chemicals and materials company which sells our products to diverse major markets for aerospace, adhesives, automotive and industrial coatings, chemical intermediates, inks, mining, plastics and water treatment. Sales price and volume by region and the impact of exchange rates on our reporting segments are important measures that are analyzed by management.

In the course of our ongoing operations, a number of strategic product line acquisitions and dispositions have been made. The results of operations of the acquired businesses have been included in our consolidated results from the dates of the respective acquisitions. On February 28, 2005, we acquired the Surface Specialties business of UCB in a transaction valued at \$1,799.7. After adjusting for a final working capital adjustment of \$25.4 and transaction costs incurred of \$14.9, the acquisition was valued at \$1,789.2. A further discussion of acquisitions and dispositions can be found in Note 2 to the Notes to the Consolidated Financial Statements contained herein.

We also report net sales in four geographic regions: North America, Latin America, Asia/Pacific and Europe/Middle East/Africa. The destination of the sale determines the region under which it is reported consistent with management's view of the business. North America consists of the United States and Canada. Latin America includes Mexico, Central America, South America and the Caribbean Islands. Asia/Pacific is comprised of Asia, Australia and the islands of the South Pacific Rim.

Raw material cost changes year on year are an important factor in profitability especially in years of high volatility. Oil and natural gas costs are significantly higher than the year ago period and many of our raw materials are derived from these two commodities. Discussion of the year to year impact of raw materials and energy is provided in our segment discussion. In addition, higher global demand levels and, occasionally, operating difficulties at suppliers, have limited the availability of certain of our raw materials. Hurricane activity in the US Gulf region led to further increases in the cost of natural gas and oil-related raw materials.

RESULTS OF OPERATIONS

The following table sets forth the percentage relationship that certain items in our Consolidated Statements of Income bear to net sales:

Years Ended December 31,	2005	2004	2003
Net sales	100.0%	100.0%	100.0%
Manufacturing cost of sales	79.1	75.7	75.5
Gross profit	20.9	24.3	24.5
Selling and technical services	7.3	8.1	8.6
Research and process development	3.6	2.3	2.4
Administrative and general	3.5	3.8	3.3
Amortization of acquisition intangibles	1.0	0.3	0.3
Earnings from operations	5.5	9.8	9.9
Net earnings available to common stockholders	2.0	7.0	5.4

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NET SALES BY SEGMENT AND GEOGRAPHIC AREA

Net Sales	North America	Latin America	Asia/Pacific	Europe/Middle East/Africa	Total
2005					
Cytec Performance Chemicals	\$ 340.8	\$126.8	\$118.5	\$ 269.7	\$ 855.8
Cytec Surface Specialties	329.6	50.7	202.9	660.9	1,244.1
Cytec Engineered Materials	349.2	1.5	30.0	160.9	541.6
Building Block Chemicals	149.2	4.9	50.3	79.8	284.2
Total	\$1,168.8	\$183.9	\$401.7	\$1,171.3	\$2,925.7
2004					
Cytec Performance Chemicals	\$ 293.8	\$104.0	\$106.7	\$ 208.2	\$ 712.7
Cytec Surface Specialties	122.4	16.2	56.7	65.7	261.0
Cytec Engineered Materials	322.4	1.7	21.5	141.4	487.0
Building Block Chemicals	126.6	3.3	77.0	53.7	260.6
Total	\$ 865.2	\$125.2	\$261.9	\$ 469.0	\$1,721.3
2003					
Cytec Performance Chemicals	\$ 272.5	\$ 77.9	\$101.3	\$ 171.9	\$ 623.6
Cytec Surface Specialties	120.5	13.4	36.5	58.0	228.4
Cytec Engineered Materials	292.3	1.6	15.5	99.3	408.7
Building Block Chemicals	88.9	4.0	58.0	60.2	211.1
Total	\$ 774.2	\$ 96.9	\$211.3	\$ 389.4	\$1,471.8

Net sales in the United States were \$1,095.3, \$802.4 and \$719.7 for 2005, 2004 and 2003, respectively. International net sales were \$1,830.4, \$918.9, and \$752.1, or 63%, 53% and 51% of total net sales, for 2005, 2004 and 2003, respectively.

For more information on our segments, refer to Note 17 of the Notes to Consolidated Financial Statements and further discussions in "Segment Results," below.

YEAR ENDED DECEMBER 31, 2005, COMPARED WITH YEAR ENDED DECEMBER 31, 2004

CONSOLIDATED RESULTS

Net sales for 2005 were \$2,925.7 compared with \$1,721.3 for 2004, up 70% of which 62% was due to the inclusion of sales from Surface Specialties which was acquired on February 28, 2005, selling prices increased 6%, exchange rates increased sales 1% and selling volumes were up 1%. Cytec Performance Chemicals experienced a net increase in sales which resulted primarily from the

addition of sales of the acquired pressure sensitive adhesives and polyurethanes product lines of Surface Specialties as well as from selling price increases. Cytec Surface Specialties experienced a net increase in sales which resulted primarily from the addition of sales related to the remainder of the acquired product lines of Surface Specialties. Cytec Engineered Materials sales increase was primarily volume related, primarily from increased sales to the large commercial transport and commercial rotorcraft sectors. Building Block Chemicals sales increased from higher selling prices, while volumes decreased. Net sales and operating results for the Building Blocks segment were significantly impacted by the effects of hurricanes Katrina and Rita in the US gulf coast.

For a detailed discussion on revenues refer to the Segment Results section below.

Manufacturing cost of sales was \$2,313.7 compared with \$1,303.1 during 2004. This increase was primarily attributable to the following items: the inclusion of the acquired Surface Specialties business; higher raw material and energy costs of

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\$98.4; a charge of \$20.8 representing the excess of the fair value of the finished goods inventory of the acquired business over normal manufacturing cost and the direct impact from the hurricanes of \$6.3 for maintenance and repair costs, extra labor and related expenses, energy and start up costs. Also included was approximately \$5.0 of employee severance costs related to a restructuring that occurred during the second half of 2005.

Pension expense increased \$15.7 principally as a result of additional plans acquired upon acquisition and to a lesser extent, the lowering of the discount rate in the U. S. by 0.50% to reflect current market rates on fixed income securities. Pension expense is primarily reported in manufacturing cost of sales.

Selling and technical services was \$213.6 versus \$139.8 in the prior year. This increase was primarily attributable to the following items: the inclusion of the acquired Surface Specialties business; \$3.5 of employee severance costs; \$1.2 of unfavorable exchange rate changes; and \$4.4 from increased investments in people and qualification work on a number of new aircraft platforms for our customers in the Cytex Engineered Materials segment.

Research and process development was \$68.5 versus \$40.0 in the prior year. This increase was primarily attributable to the inclusion of the acquired Surface Specialties business and \$0.8 related to restructuring charges.

The write-off of acquired in-process research and development of \$37.0 was the result of the Surface Specialties acquisition.

Administrative and general expenses were \$102.1 versus \$65.1 in the prior year. This increase was primarily attributable to the following items: the inclusion of the acquired Surface Specialties business; a charge of \$2.4 related to the settlement of a litigation matter and employee severance costs of \$7.3. Included in administrative expenses for the prior year period is a charge of \$8.0 related to the settlement of a federal carbon fiber class action lawsuit and several other minor litigation matters.

Amortization of acquisition intangibles was \$30.3 versus \$5.6 in the prior year due to the amortization of intangibles related to the acquired Surface Specialties business.

Other income (expense), net was expense of \$44.9 compared with income of \$16.9 in the prior year. We entered into derivative contracts to economically hedge currency and interest rate exposures associated with the Surface Specialties acquisition. These contracts were settled following completion of the acquisition and resulted in a loss of \$19.2 during 2005. The foreign currency contracts have matured. In anticipation of the long-term debt that was subsequently issued in October, 2005 to refinance debt, we also entered into interest rate derivatives which resulted in the recognition of a loss of \$25.0 in 2005. Also included in 2005 was a charge of \$4.4 for a settlement to resolve a dispute over an environmental matter. Included in 2004 results was a net gain of \$26.8 related to derivative contracts entered into during the fourth quarter to economically hedge currency and interest rate exposure associated with the pending acquisition of Surface Specialties. Also included in 2004 results were charges of \$6.1 for settlement of several environmental remediation and toxic tort lawsuits and a charge of \$2.0 related to the settlement of a series of disputed matters with the holder of our Series C Preferred Stock ("Series C Stock").

Equity in earnings of associated companies was \$7.9 versus \$5.2 in the prior year. The increase was primarily due to an increase in earnings by CYRO even though the 2005 results include only the five months of results. We sold our 50% ownership stake in CYRO on June 1, 2005.

Interest expense, net was \$80.0 compared with \$17.4 in the prior year. The increase resulted from higher outstanding debt balances incurred in conjunction with our acquisition of Surface Specialties and \$22.0 of interest charges and unamortized put premiums and rate lock agreements related to the optional redemption of our Mandatory Par Put Remarketed Securities ("MOPPRS") in 2005.

Our 2005 effective tax rate on income from continuing operations was a tax benefit of 33%.

Our effective tax rate for continuing operations was favorably impacted by a reduction in income tax expense of \$12.2 related to a partial resolution of a tax audit in Norway with respect to prior year tax returns and a reduction in income tax expense of \$16.2 recorded related to final approval of the Internal Revenue Service's examination of our tax returns for the years 1999 through 2001. Also favorably impacting the rate were the losses of \$44.2 incurred in the U.S. on interest rate and currency derivatives entered into in connection with Surface Specialties acquisition and the \$22.0 charge pertaining to the optional redemption of the MOPPRS. The tax benefit on these losses was recorded at 36.5%. Unfavorably impacting the 2005 tax rate was a charge of \$37.0 for the write-off of in-process research and development expenses related to the Surface Specialties acquisition for which no tax benefit was recorded. Excluding these items, our underlying 2005 annual effective tax rate would have been 26%. The comparable effective tax rate in 2004 was 24%, which excludes acquisition related net currency and interest rate hedge gains. The increase in the underlying annual effective tax rate versus last year was primarily attributable to the addition of earnings from acquired Surface Specialties entities in countries with higher tax rates than in countries for heritage Cytec.

Earnings from discontinued operations were \$1.2 in 2005, net of taxes of \$0.8 and reflect the results of Surface Specialties amino resins ("SSAR") product line for the six months ended August 31, 2005, the date on which we divested SSAR.

During 2004, we redeemed our Series C Stock, which had a liquidation value of \$0.1, for \$10.0 in cash. The resulting charge to net earnings available to common stockholders of \$9.9 was recorded as a premium paid to redeem preferred stock during 2004.

Net earnings available to common stockholders for 2005 were \$59.1 (\$1.27 per diluted share) compared with \$121.1 (\$2.96 per diluted share). Included in the full year ended December 31, 2005 were purchase accounting related charges of \$20.8 pre-tax (after-tax \$15.2, or \$0.33 per diluted share), related to acquired inventories from Surface Specialties being recorded at fair value

which exceeded normal manufacturing cost, and \$37.0 or \$0.80 per diluted share related to the write-off of in-process research and development costs of Surface Specialties, a pre-tax charge of \$44.2 million (after tax \$28.1 or \$0.61 per diluted share) related to currency and interest rate derivative transactions associated with the Surface Specialties acquisition, a pre-tax charge of \$2.4 (after tax \$1.8 or \$0.04 per diluted share) related to an anticipated settlement of a certain litigation matter, a pre-tax charge of \$22.0 (after-tax \$14.0 or \$0.30 per diluted share) related to the optional redemption of our MOPPRS prior to their maturity, an income tax benefit of \$28.4, or \$0.61 per diluted share, reflecting favorable resolution of tax audits with respect to prior year tax returns, employee restructuring costs of \$16.8 (after tax net \$12.4 or \$0.27 per diluted share), integration costs related to the acquired business of pre-tax \$0.2 (after tax \$0.1) and a \$4.4 settlement to resolve a dispute over an environmental matter (after tax \$3.2 or \$0.07 per diluted share).

SEGMENT RESULTS (SALES TO EXTERNAL CUSTOMERS)

Year-to-year comparisons and analyses of changes in net sales by product line segment and region are set forth below and reflect the new organizational and reporting structure of our reportable segments for all periods presented.

Cytec Performance Chemicals

	2005	2004	Total % Change	Price	% Change Due to	
					Acquisition/ Volume/ Mix	Currency
North						
America	\$340.8	\$293.8	16%	9%	7%	0%
Latin						
America	126.8	104.0	22%	4%	12%	6%
Asia/Pacific	118.5	106.7	11%	4%	6%	1%
Europe/ Middle East/ Africa	269.7	208.2	30%	6%	23%	1%
Total	\$855.8	\$712.7	20%	7%	12%	1%

Overall selling volume increased 12%, with the acquisition accounting for an increase of 14%, partly offset by a decrease in base selling volumes of 2%,

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primarily due to the sluggish demand in North American and Europe as well as our decision to give up low margin business. On a regional basis, sales volume in North America increased 7% with acquisitions accounting for 11%. The decrease in base volumes is primarily attributable to the water treatment and polymer additive product lines which were impacted by decisions to give up low margin business and reduced demand. Sales volume in Europe/Middle East/Africa increased 23%, with acquisitions accounting for 24%, partly offset by a decrease in base selling volume of 1% principally in the polymer additives product line. Sales volumes in Asia were up 6% with the acquisition accounting for 12%. The decrease in base volumes was principally in the polymer additives product line due to decisions to give up low margin business. Sales volumes in Latin America increased 12% primarily due to improved demand for mining chemicals for copper mining applications. Selling prices increased as a result of implementation of price increase initiatives to cover significantly higher raw material and energy costs.

Earnings from operations were \$56.6, or 7% of sales, compared with \$57.5 or 8% of sales in 2004. Earnings declined slightly as price increases of \$47.1 and the net favorable impact of exchange rate changes were offset by higher raw material and energy costs of \$35.8, a write-off of acquired in-process research and development costs of \$6.9, a charge of \$2.5 for the excess of the fair value of the finished goods inventory of the acquired business over normal manufacturing cost and lower selling volumes compounded by reduced production levels at certain facilities in response to lower demand levels.

Cytec Surface Specialties

	2005	2004	Total % Change	% Change Due to		
				Price	Acqui- sition/ Volume	Currency
North America \$	329.6	\$122.4	169%	3%	166%	0%
Latin America	50.7	16.2	213%	-1%	210%	4%
Asia/Pacific	202.9	56.7	258%	1%	256%	1%
Europe/ Middle East/ Africa	660.9	65.7	906%	2%	903%	1%
Total	\$1,244.1	\$261.0	377%	2%	374%	1%

Selling volumes increased 374% as a result of the acquisition with base volumes decreasing slightly

for heritage businesses. In North America base business declined 5% due to weak demand and Latin America, all of the volume increase is acquisition related. In Asia/Pacific, base business grew 8% while in Europe/Middle East/Africa, base volumes were down 2% due to weak demand.

Earnings from operations were \$22.0, or 2% of sales, compared with earnings from operations of \$28.7 or 11% of sales in 2004. The decrease in earnings is primarily attributable to the following factors: the write-off of acquired in-process research and development costs of \$30.1; a charge of \$18.3 for the excess of fair value of the finished goods inventory of the acquired business over normal manufacturing costs; a decline in base business selling volumes which decreased earnings by \$6.5, and; higher raw material and energy costs of \$12.5 which were only partially recovered by selling price increases of \$4.8. Partially offsetting the above were the earnings of the acquired business of \$57.8 (excluding the acquired research and development and inventory charges referred to above) and the net favorable impact of exchange rate changes.

Cytec Engineered Materials

	2005	2004	Total % Change	% Change Due to		
				Price	Volume/ Mix	Currency
North America	\$349.2	\$322.4	8%	1%	7%	0%
Latin America ⁽¹⁾	1.5	1.7	-	-	-	-
Asia/Pacific	30.0	21.5	40%	3%	37%	0%
Europe/ Middle East/Africa	160.9	141.4	14%	3%	11%	0%
Total	\$541.6	\$487.0	11%	2%	9%	0%

⁽¹⁾ Due to the level of sales in this geographic region, percentage comparisons are not meaningful.

Overall selling volumes increased 9%. Increased sales to the Europe/Middle East/Africa, North America and Asia/Pacific regions primarily related to increased volumes to the large commercial transport and commercial rotorcraft sectors primarily due to increased build rates and new business.

Earnings from operations were \$103.0, or 19% of sales, compared with \$83.4, or 17% of sales, in 2004. The increase was primarily attributable to increased earnings of \$30.5 from higher selling volumes and price increases of \$8.3 partially offset by higher raw material and energy costs of \$5.6,

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manufacturing difficulties in Europe and increased in technical, commercial and research of \$5.2 principally to support future growth initiatives.

Building Block Chemicals

	2005	2004	Total % Change	% Change Due to		
				Price	Volume/ Mix	Currency
North America	\$149.2	\$126.6	18%	18%	0%	0%
Latin America ⁽¹⁾	4.9	3.3	-	-	-	-
Asia/Pacific	50.3	77.0	-35%	10%	-45%	0%
Europe/ Middle East/ Africa	79.8	53.7	49%	21%	28%	0%
Total	\$284.2	\$260.6	9%	16%	-7%	0%

⁽¹⁾ Due to the level of sales in this geographic region, percentage comparisons are not meaningful.

Sales were higher overall due to higher selling prices, primarily for acrylonitrile, which were in line with the increase in raw material costs. Selling volumes decreased 7% overall. Selling volumes to the Asia/Pacific region decreased due to sluggish demand for acrylonitrile in light of higher selling prices but were partially offset by increased volumes to the Europe/Middle East/Africa region where local production outages increased demand for imported acrylonitrile. Selling volumes in North America were impacted by reduced industrial demand and the hurricanes in the US Gulf region.

Earnings from operations were \$5.7, or 2% of sales, compared with \$15.6, or 6% of sales, in 2004. The decrease in earnings reflects the impact from the hurricanes of about \$6.3 related to maintenance and repair costs, extra labor and related expenses, energy and start up costs and the related lower production levels which reduced fixed cost absorption by approximately \$3.9. Higher selling prices of \$41.0 mostly offset increased raw material and energy costs of \$44.6.

YEAR ENDED DECEMBER 31, 2004 COMPARED WITH YEAR ENDED DECEMBER 31, 2003

CONSOLIDATED RESULTS

Net sales for 2004 were \$1,721.3 compared with \$1,471.8 during 2003. All segments reported

increased sales. In the two specialty chemicals segments sales increased primarily due to increased selling volumes, the acquisitions completed in the second half of 2003 and favorable exchange rates. The Cytec Engineered Materials segment sales increase was primarily volume related and all product lines participated. The Building Block Chemicals segment sales increased principally due to higher selling prices which were driven by higher raw material and energy costs offset somewhat by a decrease in sales volumes of acrylonitrile and acrylamide.

For a detailed discussion on sales refer to the Segment Results section below.

Manufacturing cost of sales was \$1,303.1 compared with \$1,111.9 during 2003. Cost of sales was primarily impacted by higher raw material and energy costs of \$69.0. Gross margin percent however, decreased by only 0.2% as the higher raw material and energy costs were offset by increased selling prices of \$42.1, the net impact of exchange rates on operations outside of the United States of \$35.1, the fixed cost leverage from the increased production levels and a favorable product mix.

Pension expense increased \$5.1 principally as a result of our lowering the discount rate in the U. S. by 0.5% to reflect current market rates on fixed income securities and by the 2003 acquisitions which increased pension expense by \$0.3. Pension expense is primarily reported in manufacturing cost of sales. Refer to "Critical Accounting Policies, Retirement Plans" for further discussion on how changes in discount rates and return on asset assumptions can impact annual expense.

Selling and technical services was \$139.8 in 2004 versus \$126.9 in the prior year due to ongoing costs of the businesses in the Specialty Chemical segments acquired in the second half of 2003, the impact of exchange rate changes on operations outside of the United States of \$4.2 and higher costs in the Cytec Engineered Materials segment of \$2.0 where we are investing in personnel, product qualifications and commercialization of new products for our growth initiatives.

Research and process development was \$40.0 versus \$35.2 in the prior year. This increase was

primarily the result of ongoing costs of the acquired businesses of the Specialty Chemical segments completed in the second half of 2003, costs associated with the start up of the newly renovated specialty chemicals technology center and higher costs in the Cytec Engineered Materials segment where we continue to invest for a number of future opportunities.

Administrative and general expenses were \$65.1 versus \$49.7 in the prior year. Included in 2004 is a charge of \$8.0 related to the settlement of the federal carbon fiber class action lawsuit and several other minor litigation matters. Also contributing to the increase were ongoing costs of the businesses of the Specialty Chemical segments acquired in the second half of 2003 of approximately \$1.3, an increase in deferred compensation expense of \$2.6 due to the increase in our stock price versus the year ago period and the impact of exchange rate changes on operations outside of the U.S. of \$1.1. Additionally, we incurred \$2.0 in third party expenses related to implementing accounting and disclosure control procedures as required by the Sarbanes-Oxley Act of 2002.

Other income, net was \$16.9 compared with a loss of \$5.7 in the prior year. Included in 2004 results was a net gain of \$26.8 related to derivative contracts entered into during the fourth quarter to economically hedge currency and interest rate exposure associated with the pending acquisition of Surface Specialties. We entered into foreign currency contracts to offset the impact of potential dollar to euro exchange rate fluctuations on the acquisition cost in dollars and this resulted in a gain of \$33.3. In anticipation of future long-term debt that would be issued to partially finance the acquisition, we also entered into interest rate hedges which resulted in the recognition of a loss of \$6.5. Also included in other income, net are charges of \$6.2 for settlement of several environmental remediation and toxic tort lawsuits and a charge of \$2.0 related to the settlement of a series of disputed matters with Wyeth, partially offset by a gain of \$2.0 related to the sale in 1999 of our share of a methanol joint venture whereby we received additional proceeds because the market price of methanol stayed above an agreed upon index over a predetermined period of time.

We also recorded \$3.0 in other income, net, of which \$1.0 has been received, that relates to insurance recoveries and expected recoveries from our insurers of lead-related defense costs which had been previously expensed. Lead-related defense costs recognized during 2004 amounted to \$2.5. The prior year loss of \$5.7 primarily resulted from the recognition of currency losses whereby certain international subsidiaries held dollar denominated assets while the U.S. dollar weakened.

Equity in earnings of associated companies was \$5.2 versus \$7.2 in the prior year. Earnings from CYRO, our 50% owned acrylic plastics joint venture, remained flat as compared with the prior year as increased sales volumes and selling prices offset higher raw material costs. In addition, results for 2003 included earnings of \$1.8 from our former 50% owned Mitsui-Cytec joint venture. Refer to Notes 2 and 6 of the Notes to Consolidated Financial Statements.

Interest expense, net was \$17.4 compared with \$16.2 in the prior year. The increase resulted primarily from a higher outstanding weighted-average debt balance during 2004.

Our effective tax rate in 2004 was 24.0% compared with 28.3% in 2003. This reduction reflects our continued earnings growth in lower tax jurisdictions and, to a lesser extent, a favorable international tax ruling received in the first quarter of 2004. During the second quarter of 2004, we recorded a reduction of our tax liabilities due to the completion of several years of tax audits in an international tax jurisdiction that resulted in a reduction of \$2.4 to our income tax provision. These reductions were partially offset by the derivative net gain noted above which was taxed at the higher incremental U.S. rate.

Net earnings available to common stockholders for 2004 were \$121.1 (\$2.96 per diluted share). Net earnings available to common stockholders for 2004 included a charge of \$9.9 (\$0.24 per diluted share) as a result of the redemption of our Series C Stock. Our Series C Stock was originally issued in 1993 in conjunction with our spin-off from American Cyanamid Company ("Cyanamid"). Wyeth became beneficial owner of Series C Stock following its

acquisition of Cyanamid in 1994. Net earnings available to common stockholders for 2003 were \$79.2 (\$1.97 per diluted share). Included in 2003 results is an after-tax, non-cash charge of \$13.6 (\$0.34 per diluted share) reported as a cumulative effect of accounting change related to the adoption of SFAS No. 143, "Accounting for Asset Retirement Obligations" which became effective January 1, 2003.

SEGMENT RESULTS (SALES TO EXTERNAL CUSTOMERS)

Year-to-year comparisons and analyses of changes in net sales by product line segment and region are set forth below.

Cytec Performance Chemicals

	2004	2003	Total % Change	% Change Due to		
				Price	Acqui- sition/ Volume/ Mix	Currency
North						
America	\$293.8	\$272.5	8%	1%	7%	0%
Latin America	104.0	77.9	34%	-2%	33%	3%
Asia/Pacific	106.7	101.3	5%	0%	3%	2%
Europe/ Middle East/Africa	208.2	171.9	21%	0%	13%	8%
Total	\$712.7	\$623.6	14%	0%	11%	3%

Overall sales improved 14% with acquisitions accounting for 6%. The 5% increase in base selling volumes was attributable to increased sales across all product lines, mining chemicals and water treatment chemicals. On a regional basis, sales volumes in Latin America increased 33% with acquisitions accounting for 11% and the remainder of the increase primarily due to improved demand for mining chemicals from copper mining applications. Sales volumes were up 13% in Europe/Middle East/Africa with acquisitions accounting for 4% and the remainder of the increase primarily due to increased demand for water treatment chemicals from full service providers and phosphine applications.

Earnings from operations were \$57.5, or 8% of sales, compared with \$35.7 or 6% of sales in 2003. The increase in earnings was primarily attributable to increased selling volumes, primarily due to acquisitions during the second half of 2003, and the impact of exchange rate changes of \$20.3 partly offset by increased raw material and energy costs of \$8.7.

Cytec Surface Specialties

	2004	2003	Total % Change	% Change Due to		
				Price	Volume/ Mix	Currency
North						
America	\$122.4	\$120.5	2%	-1%	3%	0%
Latin America	16.2	13.4	21%	0%	20%	1%
Asia/Pacific	56.7	36.5	55%	-2%	55%	2%
Europe/ Middle East/Africa	65.7	58.0	13%	1%	3%	9%
Total	\$261.0	\$228.4	14%	-1%	12%	3%

Overall selling volumes increased 12% with acquisitions accounting for 7%. Base selling volumes increased for all product lines as a result of improved demand and new business. On a regional basis, Asia/Pacific sales volumes increased 55% with acquisitions accounting for 45%. Latin America sales volumes increased 20% and resulted from increased demand for coatings. Europe/Middle East/Africa sales were up 13% due to the favorable impact of exchange rate changes and increased demand primarily for coatings chemicals.

Earnings from operations were \$28.7, or 11% of sales, compared with \$23.7, or 10% of sales, in 2003. The favorable impact from acquisitions, higher base sales volumes, improved manufacturing operations and net favorable exchange rate changes of \$6.2 more than offset the effect of higher raw material and energy costs of \$3.4.

Cytec Engineered Materials

	2004	2003	Total % Change	% Change Due to		
				Price	Volume/ Mix	Currency
North						
America	\$322.4	\$292.3	10%	0%	10%	0%
Latin America	1.7	1.6	-	-	-	-
Asia/Pacific	21.5	15.5	39%	-1%	40%	0%
Europe/ Middle East/Africa	141.4	99.3	42%	-3%	40%	5%
Total	\$487.0	\$408.7	19%	-1%	19%	1%

(1) Due to the level of sales in this geographic region, percentage comparisons are not meaningful.

Overall selling volumes increased 19% with the increases coming from large commercial aircraft, regional and business jets and rotorcraft, military and high performance automotive sectors. On a regional basis, the 10% increase in North America sales volumes represented increased sales primarily to large commercial aircraft, military, business and regional jet and rotorcraft applications. Europe/Middle East/Africa sales volumes increased 40% principally due to increased sales to large commercial aircraft and high performance automotive applications as well as to business and regional jet and rotorcraft applications. Asia/Pacific sales volumes increased 40% principally due to increased sales for large commercial aircraft and regional and business jets. The overall decrease in average selling price was primarily due to increased volume rebates.

Earnings from operations were \$83.4, or 17% of sales, compared with \$66.0, or 16% of sales, in 2003. Higher earnings were principally due to the increase in selling volumes partly offset by increased manufacturing and commercial costs to service the higher demand levels and growth opportunities of this segment.

Building Block Chemicals

	2004	2003	Total % Change	% Change Due to		
				Price	Volume/ Mix	Currency
North America	\$126.6	\$88.9	43%	25%	18%	0%
Latin America ⁽¹⁾	3.3	4.0	-	-	-	-
Asia/Pacific	77.0	58.0	33%	35%	-2%	0%
Europe/ Middle East/Africa	53.7	60.2	-11%	6%	-23%	6%
Total	\$260.6	\$211.1	23%	22%	-1%	2%

⁽¹⁾ Due to the level of sales in this geographic region, percentage comparisons are not meaningful.

Global sales volumes declined slightly due in part to decreased acrylonitrile production as a result of reduced propylene (the key raw material for acrylonitrile) availability during the first quarter as well as a scheduled plant maintenance shutdown during May, 2004. North America selling volumes were up 18% with the majority due to increased acrylonitrile and sulfuric acid business. Europe/Middle East/Africa volumes decreased as 2003

reflected opportunistic sales in this region resulting from more favorable spot selling prices versus the Asia/Pacific region. North America and Asia/Pacific selling prices were up primarily reflecting partial recovery of higher raw material and energy costs.

Earnings from operations were \$15.6, or 6% of sales, compared with \$20.7, or 10% of sales, in 2003. The decrease in earnings was primarily due to the decrease in volume and increased raw material and energy costs of \$48.0, which were not fully offset by price increases of \$46.0.

LIQUIDITY AND FINANCIAL CONDITION

At December 31, 2005, our cash balance was \$68.6 compared with \$323.8 at year end 2004. This decrease was primarily attributable to the use of cash to pay for a portion of the purchase price of Surface Specialties and to reduce debt, partially offset by cash generated from operations and sales of assets and discontinued operations.

Cash flows provided by operating activities were \$232.4 compared with \$167.4 for 2004. Significant one-time non-cash acquisition related charges for the write-off of acquired in-process research and development and amortization of acquired finished goods step up to fair value negatively impacted earnings but did not impact operating cash flow. The acquisition also resulted in significant increases in non-cash depreciation and amortization expenses. Other receivables reflect cash flows of \$31.7 primarily due to the reimbursement from UCB for the payment of \$19.4 of pre-acquisition tax liabilities for which we have been indemnified. Income taxes payable decreased \$42.6 reflecting payment of the pre-acquisition income tax liabilities of \$19.9 and the favorable resolution of several prior year tax matters which amounted to a reduction of income taxes payable of \$28.3. Inventories decreased \$9.5 reflecting efforts to optimize inventory levels. Other assets decreased \$21.5 primarily from the cash realization of gains on acquisition related derivative instruments that were recognized in 2004. Accrued expenses decreased \$19.3. Included in this are payments against acquisition related accruals of \$7.9, payments against prior year incentive accruals higher than the current year accrual of

\$10.9, payment of legal settlements of \$10.4 of which \$8.0 was accrued in 2004 and a payment of \$7.7 for losses on interest rate derivative instruments that were recognized in 2004. Partially offsetting these payments were net accruals for restructuring of \$10.5.

Cash flows used in investing activities were \$1,385.2 for 2005 compared with \$84.1 for 2004. This increase was primarily attributable to the acquisition of Surface Specialties. On February 28, 2005, we acquired Surface Specialties for cash and stock valued at \$1,799.7, of which \$1,508.9 (euro 1,138.5 at 1.325 U.S. dollar per euro) was paid in cash and the balance was paid in 5,772.857 shares of Cytec common stock (\$290.8 at \$50.37 per Cytec share). During September 2005, we received \$25.4 from UCB representing an adjustment to the purchase price for finalization of working capital amounts as of the acquisition date. After considering the final working capital adjustment and transaction costs of \$14.9, the acquisition is valued at \$1,789.2 of which \$1,493.8 was paid in cash in 2005 and \$4.6 was paid in cash in 2004. Assets acquired includes \$34.7 in cash, so the net cash used for the acquisition in 2005 totaled \$1,459.1. The increase in cash flows used in investing activities was partly offset by the sale of assets of \$105.5 of which \$100.4 was received from the sale of our 50% investment in CYRO. Also, \$74.3 was received from the sale of SSAR, which was classified as a discontinued operation. Capital spending for 2005 was \$105.3, up from \$89.3 primarily due to spending at acquired sites.

Net cash flows provided by financing activities were \$906.4 in 2005 compared with net cash flows used in financing activities of \$20.6 during 2004. This increase primarily resulted from borrowings in connection with the acquisition of Surface Specialties.

We financed the cash component with \$600.0 under an unsecured 364-day credit facility, \$725.0 under an unsecured five-year term loan and the remaining \$184.0 was paid from existing cash. During October 2005, we sold \$250.0 principal amount of 5.5% Notes due October 1, 2010 and \$250.0 principal amount of 6.0% Notes due October 1, 2015 (collectively, the "Notes"). The

Notes were offered under our \$600.0 shelf registration statement. We received \$495.1 in net proceeds from the offering after deducting the underwriting discount and other offering expenses which we used to repay all amounts outstanding under our unsecured 364-day facility and our revolving credit facility which were \$417.5 and \$66.2, respectively. The 364-day facility is now terminated. The Notes will pay interest on each April 1 and October 1, commencing on April 1, 2006 through their respective due dates. The Notes are unsecured and subordinated to any secured indebtedness of Cytec. The Notes may be redeemed, in whole or in part, at our option at any time subject to a prepayment adjustment. Our bank agreements contain certain customary covenants with which we are in compliance at December 31, 2005.

In late 2004, we entered into \$642.9 of forward-starting interest rate swaps to hedge the benchmark interest rate and credit spread on certain debt anticipated to be issued in 2005 in connection with the acquisition of Surface Specialties. Due to a subsequent reduction in borrowing requirements, we liquidated \$25.0 of these swaps in March 2005 at a cost of \$0.4 and \$60.4 of these swaps in June 2005 at a cost of \$3.7. On September 29, 2005, we settled the remaining outstanding swaps at the same time that we priced our public debt offering. The termination payment of \$27.4 was paid in October, 2005.

In connection with the acquisition, we suspended our stock buy-back program and do not anticipate making future stock buy-backs for at least two years from the closing date in order to maximize the funds available for debt service and other corporate purposes.

In order to take advantage of interest rates then in effect, we elected to redeem the MOPPRS in May, 2005, at the optional redemption price of \$141.0. The optional redemption price represented the \$120.0 principal amount of the securities and a \$21.0 pre-tax interest charge for redemption prior to their final maturity. The redemption provided us with the ability to refinance this debt at a significantly lower cost and a shorter tenor.

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In conjunction with our note offering, we entered into €207.9 of five year and €207.9 of ten year euro/US dollar cross currency swaps. The swaps included an initial exchange of \$500.0 on October 4, 2005 and will require final principal exchanges of \$250.0 on each settlement date of the 5-Year and 10-Year Notes (October 1, 2010 and October 1, 2015), respectively. At the initial principal exchange, we paid US dollars to counterparties and received euros. Upon final exchange, we will provide euros to counterparties and receive U.S. dollars. The swaps also call for an exchange of fixed euro interest payments for fixed US dollar interest receipts. With respect to the five year swaps, we will receive 5.5% per annum and will pay 3.784% per annum on each April 1 and October 1, through the maturity. With respect to the ten year swaps, we will receive 6.0% per annum and will pay 4.5245% per annum on each April 1 and October 1, through the maturity date.

After accounting for the cross currency swaps, the "all-in" effective interest rate including amortization of underwriters' discount and other offering costs is approximately 4.0% and 4.7% for the 5-Year and 10-Year Notes, respectively.

The euro denominated bank borrowings including the impact of our euro/US dollar cross currency swaps, naturally hedge our euro denominated intercompany receivables and provide a partial hedge of our net investment in our Belgium-based subsidiary, Cytec Surface Specialties SA/NV.

As of December 31, 2005, our total debt of \$1,311.0 is denominated approximately 60% in euros, 38% in dollars and the balance denominated in various other currencies, after taking into account the euro/US dollar cross currency swaps.

As of December 31, 2005, we may borrow up to \$350.0 under our revolving credit facility.

During 2005, we paid four quarterly cash dividends of \$0.10 per common share which aggregated \$17.8. On February 9, 2006 the Board of Directors declared a \$0.10 per common share cash dividend, payable on March 15, 2006 to shareholders of record as of February 27, 2006.

We believe that we have the ability to fund our operating cash requirements, planned capital expenditures and dividends as well as the ability to meet our debt service requirements for the foreseeable future from existing cash and from internal cash generation. However, from time to time, based on such factors as local tax regulations, prevailing interest rates and our plans for capital investment or other investments, it may make economic sense to utilize our existing credit lines in order to meet those cash requirements, which may include debt-service related disbursements.

We have not guaranteed any indebtedness of our unconsolidated associated company.

Excluding the impact of increasing raw materials costs, inflation is not considered significant since the rate of inflation has remained relatively low in recent years and investments in areas of the world where inflation poses a significant risk are limited. The impact of increasing raw material costs are discussed under "Customers and Suppliers" in "Business" in Item 1, herein.

CONTRACTUAL OBLIGATIONS AND COMMERCIAL COMMITMENTS

The following table sets forth our contractual obligations as of December 31, 2005:

Contractual Obligations	Payments Due by Period				
	Total	Less Than 1 Year	1-3 Years	3-5 Years	More than 5 Years
Long-term debt	\$1,277.2	\$51.1	\$247.7	\$526.7	\$451.7
Operating leases	60.3	13.6	19.7	10.6	16.4
Purchase obligations	51.9	16.7	19.4	7.8	8.0
Unfunded employee benefits	15.2	1.5	4.3	3.0	6.4
Total	\$1,404.6	\$82.9	\$291.1	\$548.1	\$482.5

We had net contractual commitments under currency forward contracts in U.S. dollar equivalent amounts of \$42.4, that all settle in less than one year. At December 31, 2005, we also had \$10.5 of natural gas forward contracts that settle in less than one year. (Refer to Item 7A as well as Note 5 of the Notes to Consolidated Financial Statements included herein).

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We had \$46.6 of outstanding letters of credit, surety bonds and bank guarantees at December 31, 2005 that are issued on our behalf in the ordinary course of business to support certain of our performance obligations and commitments. The instruments are typically renewed on an annual basis.

We do not have any unconsolidated limited purpose entities or any undisclosed material transactions or commitments involving related persons or entities.

**ITEM 7A.
QUANTITATIVE AND QUALITATIVE
DISCLOSURES ABOUT MARKET RISK**

The following discussion provides forward-looking quantitative and qualitative information about our potential exposures to market risk arising from changes in currency rates, commodity prices and interest rates. Actual results could differ materially from those projected in this forward-looking analysis. Currencies are in millions.

Market risk represents the potential loss arising from adverse changes in the value of financial instruments. The risk of loss is assessed based on the likelihood of adverse changes in fair values, cash flows or future earnings.

In the ordinary course of business, we are exposed to various market risks, including fluctuations in currency rates, commodity prices and interest rates. To manage the exposure related to these risks, we may engage in various derivative transactions in accordance with our established policies. We do not hold or issue financial instruments for trading or speculative purposes. Moreover, we enter into financial instrument transactions with either major financial institutions or highly-rated counterparties and make reasonable attempts to diversify transactions among counterparties, thereby limiting exposure to credit related and performance related risks.

Currency Risk: We periodically enter into currency forward contracts primarily to hedge currency fluctuations of transactions denominated in

currencies other than the functional currency of the business. At December 31, 2005, the principal transactions hedged involved accounts receivable, accounts payable and intercompany loans. When hedging currency exposures, our practice is to hedge such exposures with forward contracts denominated in the same currency and with similar critical terms as the underlying exposure, and therefore, the instruments are effective at generating offsetting changes in the fair value, cash flows or future earnings of the hedged item or transaction.

At December 31, 2005, the currency and net contractual amounts of forward contracts outstanding translated into U. S. dollar equivalent amounts were as follows:

Sell	Buy				
	Euro	Pound Sterling	Canadian Dollar	Australian Dollar	U.S. Dollar
U. S. Dollar	\$11.8	-	\$3.5	\$4.5	-
Euro	-	\$7.3	-	-	-
Norwegian Krone	2.4	-	-	-	\$7.8
Japanese Yen	-	-	-	3.8	-
Other	1.3	-	-	-	-

The fair value of currency contracts, based on forward exchange rates at December 31, 2005, was approximately \$0.1. Assuming that year-end exchange rates between the underlying currencies of all outstanding contracts and the various hedged currencies were to adversely change by a hypothetical 10%, the fair value of all outstanding contracts at year-end would decrease by approximately \$3.5. However, since these contracts hedge specific transactions, any change in the fair value of the contracts would be offset by changes in the underlying value of the transaction being hedged.

In September, 2005, we entered into €207.9 of five year cross currency swaps and €207.9 of ten year cross currency swaps to effectively convert the 5-Year Notes and 10-Year Notes into euro-denominated liabilities. The swaps included an initial exchange of \$500.0 on October 4, 2005 and will require final principal exchanges of \$250.0 on each settlement date of the 5-Year and 10-Year Notes (October 1, 2010 and October 1, 2015), respectively. At the initial principal exchange, we paid US dollars to counterparties and received euros. Upon final exchange, we will provide euros

to counterparties and receive US dollars. The swaps also call for a semi-annual exchange of fixed euro interest payments for fixed US dollar interest receipts. With respect to the five year swaps, we will receive 5.5% per annum and will pay 3.784% per annum on each April 1 and October 1, through the maturity date of the five year swaps. With respect to the ten year swaps, we will receive 6.0% per annum and will pay 4.5245% per annum on each April 1 and October 1, through the maturity date of the ten year swaps. The cross currency swaps have been designated as cash flow hedges of the changes in value of the future euro interest and principal receipts that results from changes in the US dollar to euro exchange rates on certain euro denominated intercompany receivables we have with our subsidiaries. The cross currency swaps plus the euro denominated bank borrowings naturally hedge our euro denominated intercompany loans receivable and, further, provide a partial hedge of our net investment in our Belgium-based subsidiary, Cytec Surface Specialties SA/NV.

At December 31, 2005, the fair value of the five and ten year swaps were \$5.8 and \$2.7, respectively. Assuming other factors are held constant, a hypothetical increase/decrease of 10% in the euro exchange rate would cause an increase/decrease of approximately \$49.2 in the value of the hedging instruments referred to above.

Commodity Price Risk: We use natural gas forward contracts, which are physically settled, to hedge certain utility requirements. The maturities of these contracts correlate highly to the actual purchases of the commodity and have the effect of securing predetermined prices that we pay for the underlying commodity. While these contracts are structured to limit our exposure to increases in commodity prices, they can also limit the potential benefit we might have otherwise received from decreases in commodity prices. Because we take physical delivery of the commodity, these contracts are not required to be recognized on the balance sheet at fair value. Instead, realized gains and losses are included in the cost of the commodity upon settlement of the contract.

At December 31, 2005, the Building Block Chemicals segment Fortier plant's 2006 forecasted natural gas utility requirements were 37% hedged utilizing natural gas forward contracts at an average cost of \$8.84 per MMBTU. These contracts had a notional value of \$10.5 and have delivery dates from January 2006 through December 2006. Based on year-end NYMEX prices, we had net unrealized gains on our natural gas forward contracts at December 31, 2005 of \$2.4. Assuming that year-end natural gas prices were to decrease by a hypothetical 10%, the value of these contracts would decrease by approximately \$1.3.

At December 31, 2005 and 2004, we had outstanding natural gas swaps with a fair value gain of \$1.7 and a fair value loss of \$(0.7), net of taxes, respectively.

Interest Rate Risk: At December 31, 2005, our outstanding borrowings consisted of \$34.3 of short-term borrowings and long-term debt, including the current portion, which had a carrying value of \$1,276.7, a face value of \$1,277.2 and a fair value, based on dealer quoted values, of approximately \$1,243.5.

Assuming other factors are held constant, a hypothetical increase/decrease of 1% in the weighted-average prevailing interest rate on our variable rate debt outstanding as of December 31, 2005, interest expense would increase/decrease by approximately \$1.3 for the next fiscal quarter and the fair value of the fixed rate long-term debt would decrease/increase by approximately \$39.1.

2006 OUTLOOK

In our February 9, 2006 press release, which was also furnished as an exhibit to a current report on Form 8-K, we set forth our assumptions and management's best estimate of the full year 2006 earnings at the time based on various assumptions set forth in our press release. We forecast diluted earnings per share in the range of \$3.45-\$3.70, before special items, for the year. There can be no assurance that sales or earnings will develop in the manner projected. Actual results may differ materially. See "Comments on Forward Looking Statements."

SIGNIFICANT ACCOUNTING ESTIMATES/ CRITICAL ACCOUNTING POLICIES

Accounting principles generally accepted in the United States require management to make certain estimates and assumptions. These estimates and assumptions affect the reported amounts in the consolidated financial statements and the notes thereto. The areas discussed below involve the use of significant judgment in the preparation of our consolidated financial statements and changes in the estimates and assumptions used may impact future results of operations and financial condition.

ENVIRONMENTAL AND OTHER CONTINGENT LIABILITIES

Accruals for environmental remediation and operating and maintenance costs directly related to remediation, and other contingent liabilities are recorded when it is probable that a liability has been incurred and the amount of the liability can be reasonably estimated. Accruals are recorded at management's best estimate of the ultimate expected liabilities, without any discount to reflect the time value of money. These accruals are reviewed periodically and adjusted, if necessary, as additional information becomes available.

The amount accrued for environment remediation reflects our assumptions about remediation requirements at the contaminated site, the nature and cost of the remedy, the outcome of discussions with regulatory agencies and other potentially responsible parties at multi-party sites, and the number and financial viability of other potentially responsible parties.

Included in other contingent liabilities are workers' compensation, product liability and toxic tort claims. The amount accrued for other contingent liabilities reflects our assumptions about the incidence, severity, indemnity costs and dismissal rates for existing and future claims.

Accruals for environmental remediation and other contingent liabilities can change substantially if our assumptions are not realized or due to actions by governmental agencies or private parties. We cannot estimate any additional amount of loss or range of loss in excess of the recorded amounts. Moreover, environmental and other contingent

liabilities are paid over an extended period, and the timing of such payments cannot be predicted with any certainty. Accruals for environmental and other contingent liabilities are recorded as other noncurrent liabilities with any amounts expected to be paid out in the next twelve months classified as accrued expenses.

Probable insurance recoveries for past and probable future costs are recorded at management's best estimate of the ultimate expected receipts without discounting to reflect the time value of money and are recorded as other assets. A number of factors impact the estimates of insurance reimbursements. These factors include the financial viability of the insurance companies, the method in which losses will be allocated to the various insurance policies, how legal and defense costs will be covered by the insurance policies, the interpretation of the effect on coverage of various policy terms and limits and their interrelationships, and historical recovery rates over the past ten years.

Defense and processing costs are expensed as incurred. Probable insurance recoveries for defense and processing costs are accrued when the related costs are incurred and are recorded as other assets.

RETIREMENT PLANS

We sponsor defined benefit pension and postretirement benefit plans. The postretirement plans provide medical and life insurance benefits to retirees who meet minimum age and service requirements. Our most significant pension plans are in the U. S., and constituted over 67% of our consolidated pension assets and 66% of projected benefit obligations as of December 31, 2005. The calculation of our pension expense and pension liability associated with our defined benefit pension plans requires the use of a number of assumptions that we deem to be "critical accounting estimates." Changes in these assumptions can result in different pension expense and liability amounts, and actual experience can differ from the assumptions. We believe that the most critical assumptions are the discount rate and the expected rate of return on plan assets.

At the end of each year, we determine the discount rate to be used for pension liabilities. In estimating this rate, we look to rates of return on high quality, long term corporate bonds that receive one of the two highest ratings given by a recognized ratings agency. We discounted our U.S. future pension liabilities using a rate of 5.6% at December 31, 2005. The discount rate used to determine the value of liabilities has a significant effect on expense.

The expected rate of return on plan assets, which was 7.7% for 2005, reflects the long-term average rate of return expected on funds invested or to be invested in the pension plans to provide for the benefits included in the pension liability. We establish the expected rate of return at the beginning of each fiscal year based upon information available to us at that time, including the historical returns of major asset classes, the expected investment mix of the plans' assets, and estimates of future long-term investment returns. The U. S. pension plan's investment mix at December 31, 2005 approximated 67% equities and 33% fixed income securities. Any differences between actual experience and assumed experience are deferred as an unrecognized actuarial gain or loss. The unrecognized net actuarial gain or loss is amortized in accordance with SFAS No. 87, "Employers' Accounting for Pensions."

IMPAIRMENT OF GOODWILL

We have defined our segments as our SFAS No. 142 reporting units. Our four business segments are Cytec Performance Chemicals, Cytec Surface Specialties, Cytec Engineered Materials and Building Block Chemicals. Cytec Performance Chemicals and Cytec Surface Specialties are managed under one executive leadership, and are referred to collectively as Cytec Specialty Chemicals. Cytec Performance Chemicals serves large, global industrial markets. Cytec Surface Specialties serves the large, global coatings market. Cytec Engineered Materials serves principally aerospace markets. Building Block Chemicals sells commodity chemical intermediates to industrial users. The segments above reflect how we run our company, manage the assets and the customer perspective.

We test goodwill for impairment on an annual basis. Goodwill of a reporting unit will be tested for impairment between annual tests if events occur or circumstances change that would likely reduce the fair value of the reporting unit below its carrying value. We use a two-step process to test goodwill for impairment. First, the reporting unit's fair value is compared to its carrying value. We utilize a market multiple approach to determine fair value estimates. Due to the cyclical nature of our reporting units, values are determined utilizing a three year average. The three year period is comprised of the prior year, current year and one year projected amounts. If the market multiple approach yields a result, which may indicate a possible impairment, a discounted cash flow approach is utilized to more precisely determine the reporting unit's fair value. If a reporting unit's carrying amount exceeds its fair value, an indication exists that the reporting unit's goodwill may be impaired, and the second step of the impairment test would be performed. The second step of the goodwill impairment test is used to measure the amount of the impairment loss. In the second step, the implied fair value of the reporting unit's goodwill is determined by allocating the reporting unit's fair value to all of its assets and liabilities other than goodwill in a manner similar to a purchase price allocation. The resulting implied fair value of the goodwill that results from the application of this second step is then compared to the carrying amount of the goodwill and an impairment charge is recorded for the difference.

These evaluations involve amounts that are based on management's best estimates and judgments. Because of the uncertainty inherent in such estimates, actual results may differ from these estimates. We are not aware of reasonably likely events or circumstances that would result in different amounts being estimated that would have a material impact on these assessments for impairment.

IMPAIRMENT OF LONG-LIVED ASSETS, INTANGIBLE ASSETS AND ASSETS TO BE DISPOSED

Long-lived assets and intangible assets with determinable useful lives are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of

an asset may not be recoverable. Assets with indefinite useful lives are reviewed annually for impairment. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of the assets to the future undiscounted net cash flows expected to be generated by the asset. If such assets are considered to be impaired, the impairment to be recognized is measured by the amount by which the carrying amount of the assets exceeds the fair value of the assets and would be charged to earnings. Intangible assets with determinable useful lives are amortized over their respective estimated useful lives. Assets to be disposed of are reported at the lower of the carrying amount or fair value less the costs to sell.

INCOME TAXES

Income taxes are accounted for under the asset and liability method. Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax basis and operating loss and tax credit carryforwards. A valuation allowance is provided when it is more likely than not that some portion or all of the deferred tax assets will not be realized. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in earnings in the period that includes the enactment date.

We intend to reinvest the unremitted earnings of international subsidiaries. Accordingly, no provision has been made for U.S. or additional non-U.S. taxes with respect to these earnings. In the event of repatriation to the U.S., such earnings would be subject to U.S. income taxes in most cases. Foreign tax credits would be available to substantially reduce the amount of U.S. tax otherwise payable in future years.

Our annual effective tax rate is based on expected income, statutory tax rates and tax planning opportunities available in various jurisdictions in which we operate. Significant judgment is required in determining the annual effective tax rate and in evaluating our tax positions.

We establish accruals for tax contingencies when, notwithstanding the reasonable belief that our tax return positions are fully supported, we believe that certain filing positions are likely to be challenged and moreover, that such filing positions may not be fully sustained.

We continually evaluate our tax contingency accruals and will adjust such amounts in light of changing facts and circumstances, including but not limited to emerging case law, tax legislation, rulings by relevant tax authorities, and the progress of ongoing tax audits. Settlement of a given tax contingency could impact the income tax provision in the period of resolution. Our tax contingency accruals are presented in the balance sheet within income taxes payable.

ACQUISITIONS

We account for acquired businesses using the purchase method of accounting which requires that the assets acquired and liabilities assumed be recorded at the date of acquisition at their respective fair values. Our consolidated financial statements and results of operations reflect an acquired business after the completion of the acquisition. The cost to acquire a business, including transaction costs, is allocated to the underlying net assets of the acquired business in proportion to their respective fair values. Any excess of the purchase price over the estimated fair values of the net assets acquired is recorded as goodwill. Amounts allocated to acquired in-process research and development are expensed at the date of acquisition.

The judgments made in determining the estimated fair value assigned to each class of assets acquired and liabilities assumed, as well as asset lives, can materially impact our results of operations. Accordingly, for significant items, we typically obtain assistance from third party valuation specialists.

Determining the useful life of an intangible asset also requires judgment as different types of intangible assets will have different useful lives and certain assets may even be considered to have indefinite useful lives.

All of these judgments and estimates can materially impact our results of operations.

DERIVATIVE FINANCIAL INSTRUMENTS AND COMMODITY HEDGING ACTIVITIES

Financial instruments reflected in the Consolidated Balance Sheets are recorded at cost which approximates fair value for cash and cash equivalents, accounts receivable, certain other assets, accounts payable, and certain other liabilities. Fair values are determined through a combination of management estimates and information obtained from third parties using the latest available market data. Long-term debt is carried at amortized cost.

We use derivative instruments in accordance with our established policies to manage exposure to fluctuations in currency rates, certain commodity (e.g., natural gas) prices, interest rates and equity prices. Derivative instruments currently utilized include currency forward contracts and swaps, natural gas forward contracts and swaps, cross currency swaps and interest rate swaps. We do not hold or issue derivative financial instruments for trading or speculative purposes. We enter into financial instrument transactions with either major financial institutions or highly-rated counterparties and make reasonable attempts to diversify transactions among counterparties, thereby limiting exposure to credit related and performance related risks.

We periodically enter into currency forward contracts primarily to hedge currency fluctuations of transactions denominated in currencies other than the functional currency of the business. The principal transactions hedged involve accounts receivable, accounts payable and intercompany loans. When hedging currency exposures, our practice is to hedge such exposures with forward contracts denominated in the same currency and with similar critical terms as the underlying exposure, and therefore, the instruments are effective at generating offsetting changes in the fair value, cash flows or future earnings of the hedged item or transaction. Currency forward contracts are reported as either assets or liabilities with changes in their fair value recorded in other income (expense), net together with offsetting gain or loss on the hedged asset or liability.

We use cross currency swaps to synthetically convert some of our U.S. dollar denominated debt to hedge future cash flows from euro interest and principal receipts on certain euro denominated intercompany receivables we have with our subsidiaries against changes in the US dollar to euro exchange rates. The cross currency swaps are recorded as either assets or liabilities. Changes in fair value include both an interest and an exchange component. The interest component is recorded in other comprehensive income while the exchange component is recorded in other income (expense), net together with the offsetting gain or loss on the hedged intercompany receivables.

We use natural gas forward contracts, which are physically settled, to hedge certain utility requirements. The maturities of these contracts correlate highly to the actual purchases of the commodity and have the effect of securing predetermined prices that we pay for the underlying commodity. While these contracts are structured to limit our exposure to increases in commodity prices, they can also limit the potential benefit we might have otherwise received from decreases in commodity prices. Because we take physical delivery of the commodity, these contracts are not required to be recognized on the balance sheet at fair value. Instead, realized gains and losses are included in the cost of the commodity upon settlement of the contract.

We also use natural gas swaps, which are financially settled, to hedge utility requirements at certain of our other facilities. These swaps, which are highly effective at achieving offsetting cash flows of the underlying natural gas purchases, have been designated as cash flow hedges and are reported on the consolidated balance sheets at fair value, with offsetting amounts included in unrealized net (losses) gains on cash flow hedges on an after-tax basis. Gains and losses are reclassified into earnings, as a component of manufacturing cost of sales in the period the hedged natural gas purchases affect earnings.

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ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

CONSOLIDATED BALANCE SHEETS

December 31, (Dollars in millions, except per share amounts)	2005	2004
Assets		
Current assets		
Cash and cash equivalents	\$ 68.6	\$ 323.8
Trade accounts receivable, less allowance for doubtful accounts of \$7.8 and \$6.7 in 2005 and 2004, respectively	493.8	248.2
Due from related party	8.0	—
Other accounts receivable	65.9	54.1
Inventories	446.6	263.8
Deferred income taxes	12.2	23.3
Other current assets	27.5	29.3
Total current assets	1,122.6	942.5
Investment in associated companies	20.3	85.5
Plants, equipment and facilities, at cost	2,064.3	1,627.2
Less: accumulated depreciation	(988.8)	(948.6)
Net plant investment	1,075.5	678.6
Acquisition intangibles, net of accumulated amortization of \$51.0 and \$23.1 in 2005 and 2004, respectively	491.5	66.8
Goodwill	1,012.2	342.4
Deferred income taxes	—	54.6
Other assets	88.4	81.2
Total assets	\$3,810.5	\$2,251.6
Liabilities		
Current liabilities		
Accounts payable	\$ 278.6	\$ 138.1
Short-term borrowings	34.3	—
Current maturities of long-term debt	51.2	119.0
Accrued expenses	218.3	178.1
Income taxes payable	43.5	61.5
Total current liabilities	625.9	496.7
Long-term debt	1,225.5	300.1
Pension and other postretirement benefit liabilities	432.5	348.3
Other noncurrent liabilities	224.4	174.5
Deferred income taxes	64.1	—
Stockholders' equity		
Preferred stock, 20,000,000 shares authorized; none issued and outstanding		
Common stock, \$.01 par value per share, 150,000,000 shares authorized; issued 48,132,640 shares	0.5	0.5
Additional paid-in capital	235.6	122.8
Retained earnings	1,149.7	1,108.5
Accumulated other comprehensive income (loss):		
Unearned compensation	(2.5)	(3.1)
Minimum pension liability	(115.6)	(108.5)
Unrealized net gains (losses) on cash flow hedges	0.4	(0.5)
Accumulated translation adjustments	28.2	73.3
	(89.5)	(38.8)
Treasury stock, at cost, 1,833,812 shares in 2005 and 8,297,863 shares in 2004	(58.2)	(261.0)
Total stockholders' equity	1,238.1	932.0
Total liabilities and stockholders' equity	\$3,810.5	\$2,251.6

See accompanying Notes to Consolidated Financial Statements

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CONSOLIDATED STATEMENTS OF INCOME

Years ended December 31,
(Dollars in millions, except per share amounts)

	2005	2004	2003
Net sales	\$2,925.7	\$1,721.3	\$1,471.8
Manufacturing cost of sales	2,313.7	1,303.1	1,111.9
Selling and technical services	213.6	139.8	126.9
Research and process development	68.5	40.0	35.2
Administrative and general	102.1	65.1	49.7
Amortization of acquisition intangibles	30.3	5.6	4.0
Write-off of acquired in-process research and development	37.0	-	-
Earnings from operations	160.5	167.7	144.1
Other income (expense), net	(44.9)	16.9	(5.7)
Equity in earnings of associated companies	7.9	5.2	7.2
Interest expense, net	80.0	17.4	16.2
Earnings from continuing operations before income taxes and cumulative effect of accounting change	43.5	172.4	129.4
Income tax (benefit) provision	(14.4)	41.4	36.6
Earnings from continuing operations before cumulative effect of accounting change	57.9	131.0	92.8
Cumulative effect of accounting change, net of taxes	-	-	(13.6)
Earnings from continuing operations	57.9	131.0	79.2
Earnings from discontinued operations, net of taxes	1.2	-	-
Net earnings	59.1	131.0	79.2
Premium paid to redeem preferred stock	-	9.9	-
Net earnings available to common stockholders	\$ 59.1	\$ 121.1	\$ 79.2
Basic net earnings per common share:			
Earnings from continuing operations before cumulative effect of accounting change	\$ 1.28	\$ 3.06	\$ 2.38
Cumulative effect of accounting change, net of taxes	-	-	(0.35)
Earnings from discontinued operations, net of taxes	0.03	-	-
Net earnings available to common stockholders	\$ 1.31	\$ 3.06	\$ 2.03
Diluted net earnings per common share:			
Earnings from continuing operations before cumulative effect of accounting change	\$ 1.25	\$ 2.96	\$ 2.31
Cumulative effect of accounting change, net of taxes	-	-	(0.34)
Earnings from discontinued operations, net of taxes	0.02	-	-
Net earnings available to common stockholders	\$ 1.27	\$ 2.96	\$ 1.97
Dividends per common share	\$ 0.40	\$ 0.40	\$ -

See accompanying Notes to Consolidated Financial Statements

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CONSOLIDATED STATEMENTS OF CASH FLOWS

Years ended December 31, (Dollars in millions)	2005	2004	2003
Cash flows provided by (used in) operating activities			
Net earnings	\$ 59.1	\$ 131.0	\$ 79.2
Less: Earnings from discontinued operations, net of taxes	1.2	—	—
Earnings from continuing operations	57.9	131.0	79.2
Noncash items included in earnings from continuing operations:			
Dividends from associated companies less than earnings	(5.4)	(2.6)	(1.8)
Depreciation	110.8	86.6	85.9
Amortization	39.0	12.2	7.7
Deferred income taxes	(25.0)	19.6	15.7
Write-off of acquired in-process research and development	37.0	—	—
Amortization of write-up to fair value of finished goods purchased in acquisition	20.8	—	—
Gains on sale of assets	(1.3)	—	—
Unrealized net gains on derivative instruments	—	(7.9)	—
Cumulative effect of accounting change, net of taxes	—	—	13.6
Other	3.0	0.7	(0.5)
Changes in operating assets and liabilities (excluding effect of acquisitions):			
Trade accounts receivable	(12.9)	(24.1)	13.6
Other receivables	31.7	(2.0)	(7.9)
Inventories	9.5	(46.8)	(15.2)
Other assets	21.5	0.4	(1.1)
Accounts payable	2.8	36.5	(13.4)
Accrued expenses	(19.3)	(7.3)	(8.6)
Income taxes payable	(42.6)	7.9	9.2
Other liabilities	—	(36.8)	(44.0)
Net cash provided by operating activities of continuing operations	227.5	167.4	132.4
Net cash provided by operating activities of discontinued operations	4.9	—	—
Net cash provided by operating activities	232.4	167.4	132.4
Cash flows provided by (used in) investing activities			
Acquisition of businesses, net of cash received	(1,459.1)	(4.6)	(101.6)
Additions to plants, equipment and facilities	(105.3)	(89.3)	(93.8)
Proceeds received on sale of assets	105.5	0.7	0.1
Proceeds received on sale of discontinued business	74.3	—	—
Minority interests	(0.6)	—	—
Advance payment received on land lease	—	9.1	—
Net cash used in investing activities	(1,385.2)	(84.1)	(195.3)
Cash flows provided by (used in) financing activities			
Proceeds from long-term debt	1,438.4	—	198.9
Payments on long-term debt	(571.9)	—	(100.0)
Change in short-term borrowings	45.9	(9.3)	(0.3)
Cash dividends	(17.8)	(15.7)	—
Proceeds from the exercise of stock options and warrants	17.7	24.6	14.5
Deferred financing cost	(5.9)	—	—
Purchase of treasury stock	—	(13.1)	(27.7)
Redemption of Series C preferred stock	—	(10.0)	—
Proceeds from termination of interest rate swap	—	2.9	—
Net cash provided by (used in) financing activities	906.4	(20.6)	85.4
Effect of currency rate changes on cash and cash equivalents	(8.8)	10.0	18.6
Increase (decrease) in cash and cash equivalents	(255.2)	72.7	41.1
Cash and cash equivalents, beginning of year	323.8	251.1	210.0
Cash and cash equivalents, end of year	\$ 68.6	\$ 323.8	\$ 251.1

See accompanying Notes to Consolidated Financial Statements

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CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY

Years ended December 31, 2005, 2004 and 2003 (Dollars in millions)	Preferred Stock	Common Stock	Additional Paid-in Capital	Retained Earnings	Unearned Compensation	Additional Minimum Pension Liability	Unrealized net (losses) gains on Derivative Instruments	Accumulated Translation Adjustment	Treasury Stock	Total
Balance at December 31, 2002	\$ 0.1	\$0.5	\$ 131.1	\$ 924.2	\$ (6.8)	\$ (98.0)	\$ -	\$(18.8)	\$(290.7)	\$ 641.6
Net earnings	-	-	-	79.2	-	-	-	-	-	\$ 79.2
Other comprehensive income:										
Minimum pension liability adjustment, net of taxes of \$2.4	-	-	-	-	-	1.2	-	-	-	1.2
Unrealized net gains on derivative instruments	-	-	-	-	-	-	0.3	-	-	0.3
Translation adjustments	-	-	-	-	-	-	-	56.8	-	56.8
Comprehensive income										\$ 137.5
Award of, and changes in, performance and restricted stock	-	-	2.3	-	(0.4)	-	-	-	(1.7)	0.2
Amortization of performance and restricted stock	-	-	-	-	1.9	-	-	-	-	1.9
Purchase of treasury stock	-	-	-	-	-	-	-	-	(27.7)	(27.7)
Exercise of stock options	-	-	(19.1)	-	-	-	-	-	33.6	14.5
Tax benefit on stock options	-	-	7.9	-	-	-	-	-	-	7.9
Balance at December 31, 2003	\$ 0.1	\$0.5	\$ 122.2	\$ 1,003.4	\$ (5.3)	\$ (96.8)	\$ 0.3	\$ 38.0	\$(286.5)	\$ 775.9
Net earnings	-	-	-	131.0	-	-	-	-	-	\$ 131.0
Other comprehensive income										
Minimum pension liability adjustment, net of taxes of \$17.6	-	-	-	-	-	(11.7)	-	-	-	(11.7)
Unrealized net gains on derivative instruments	-	-	-	-	-	-	(0.8)	-	-	(0.8)
Translation adjustments	-	-	-	-	-	-	-	35.3	-	35.3
Comprehensive income										\$ 153.8
Award of, and changes in, performance and restricted stock	-	-	2.6	-	(2.4)	-	-	-	0.3	0.5
Amortization of performance and restricted stock	-	-	-	-	4.6	-	-	-	-	4.6
Purchase of treasury stock	-	-	-	-	-	-	-	-	(13.1)	(13.1)
Redemption of preferred stock	(0.1)	-	-	(9.9)	-	-	-	-	-	(10.0)
Dividends:										
Common stock outstanding	-	-	-	(15.7)	-	-	-	-	-	(15.7)
Deferred and unvested common stock	-	-	-	(0.3)	-	-	-	-	-	(0.3)
Exercise of stock options	-	-	(13.7)	-	-	-	-	-	38.3	24.6
Tax benefit on stock options	-	-	11.7	-	-	-	-	-	-	11.7
Balance at December 31, 2004	\$ -	\$0.5	\$122.8	\$1,108.5	\$(3.1)	\$(108.5)	\$(0.5)	\$73.3	\$(261.0)	\$932.0

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CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (CONTINUED)

Years ended December 31, 2005, 2004 and 2003 (Dollars in millions)	Preferred Stock	Common Stock	Additional Paid-in Capital	Retained Earnings	Unearned Compensation	Additional Minimum Pension Liability	Unrealized net (losses) gains on Derivative Instruments	Accumulated Translation Adjustment	Treasury Stock	Total
Balance at December 31, 2004	\$-	\$0.5	\$122.8	\$1,108.5	\$(3.1)	\$(108.5)	\$(0.5)	\$ 73.3	\$(261.0)	\$ 932.0
Net earnings	-	-	-	59.1	-	-	-	-	-	\$ 59.1
Other comprehensive income:										
Minimum pension liability adjustment, net of taxes of \$7.3	-	-	-	-	-	(11.7)	-	-	-	(11.7)
Reduction in minimum pension liability resulting from divestiture of CYRO	-	-	-	-	-	4.6	-	-	-	4.6
Unrealized net gains on derivative instruments	-	-	-	-	-	-	0.9	-	-	0.9
Translation adjustments	-	-	-	-	-	-	-	(45.1)	-	(45.1)
Comprehensive income										\$ 7.8
Award of, and changes in, performance and restricted stock	-	-	1.7	-	(2.1)	-	-	-	(0.1)	(0.5)
Amortization of performance and restricted stock	-	-	-	-	2.7	-	-	-	-	2.7
Issuance of common stock related to acquisition	-	-	109.2	-	-	-	-	-	181.6	290.8
Dividends:										
Common stock outstanding	-	-	-	(17.8)	-	-	-	-	-	(17.8)
Deferred and unvested common stock	-	-	-	(0.1)	-	-	-	-	-	(0.1)
Exercise of stock options	-	-	(3.6)	-	-	-	-	-	21.3	17.7
Tax benefit on stock options	-	-	5.5	-	-	-	-	-	-	5.5
Balance at December 31, 2005	\$-	\$0.5	\$235.6	\$1,149.7	\$(2.5)	\$(115.6)	\$ 0.4	\$ 28.2	\$(58.2)	\$1,238.1

See accompanying Notes to Consolidated Financial Statements

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NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(Currencies in millions, except per share amounts, unless otherwise indicated)

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Nature of Business and Consolidation

Policy: We are a global specialty chemicals and materials company focused on developing, manufacturing and selling value-added products. Our products serve a diverse range of end markets including aerospace, adhesives, automotive and industrial coatings, chemical intermediates, inks, mining, plastics and water treatment. We use our technology and application development expertise to create chemical and material solutions that are formulated to perform specific and important functions in the finished products of our customers. We operate on a global basis with 40% of our 2005 revenues in North America, 40% in Europe, 14% in Asia-Pacific and 6% in Latin America. We have manufacturing and research facilities located in 20 countries. The consolidated financial statements include the accounts of Cytec and our subsidiaries on a consolidated basis. Intercompany transactions and balances have been eliminated. The equity method of accounting is used for investments in associated companies that we do not control, but for which we have the ability to exercise significant influence on operating and financial policy.

B. Inventories: Inventories are stated at the lower of cost or market. We determine cost using the first in, first out method.

C. Currency Translation: Operations in our international subsidiaries are recorded in local currencies which are also the functional currencies for financial reporting purposes. The results of operations for our international subsidiaries are translated from local currencies into U.S. dollars using the average currency rate during each period which approximates the results that would be obtained using actual currency rates on the dates of individual transactions. Assets and liabilities are translated using currency rates at the end of the

period with translation adjustments recorded in accumulated translation adjustments and recognized as a component of other comprehensive income. Transaction gains and losses are recorded as incurred in other income (expense), net.

D. Depreciation: Depreciation is provided on either the straight-line or the straight-line composite method. Assets acquired in conjunction with the Surface Specialties business ("Surface Specialties") of UCB SA ("UCB") and assets outside the United States and Canada are depreciated on a straight-line basis over the estimated useful lives of the assets. Depreciation for the remainder of our assets in the United States and Canada is provided primarily on a straight-line composite method over the estimated useful lives of various classes of assets, with rates periodically reviewed and adjusted if necessary. When such depreciable assets are sold or otherwise retired from service, their costs plus demolition costs less amounts realized on sale or salvage are charged or credited to the accumulated depreciation account. Expenditures for maintenance and repairs are charged to current operating expenses. Acquisitions, additions and betterments, either to provide necessary capacity, improve the efficiency of production units, modernize or replace older facilities or to install equipment for protection of the environment, are capitalized. We capitalize interest costs incurred during the period of construction of plants and equipment.

E. Impairment of Long-Lived Assets and Long-Lived Assets to Be Disposed: Long-lived assets and intangible assets with determinable useful lives are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of the assets to the future undiscounted net cash flows expected to be generated by the asset. If such assets are considered to be impaired, the impairment to be recognized is measured by the amount by which the carrying amount of the assets exceeds the fair value of the assets and would be charged to earnings. Assets to be disposed of are reported at the lower of the carrying amount or fair value less the costs to sell. Intangible assets are

amortized over their respective estimated useful lives. Long-lived assets with indefinite useful lives are tested for impairment annually and more often if circumstances warrant.

F. Goodwill: We have defined our reportable segments as our reporting units for our goodwill accounting. We test goodwill for impairment on an annual basis in our fourth fiscal quarter and more often if events occur or circumstances change that would likely reduce the fair value of a reporting unit to an amount below its carrying value. When necessary, we record charges for goodwill impairments for the amount by which the fair value is less than the carrying value of the asset.

We use a two-step process to test goodwill for impairment. First, the reporting unit's fair value is compared to its carrying value. We utilize a market multiple approach to determine fair value estimates. Due to the cyclical nature of our reporting units, market multiple values are determined utilizing a three-year average. The three-year period is comprised of the prior year, current year and one year of projected amounts. If the market multiple approach yields a result, which may indicate a possible impairment, a discounted cash flow approach is utilized to more precisely determine the reporting units' fair value. If a reporting unit's carrying amount exceeds its fair value, an indication exists that the reporting unit's goodwill may be impaired, and the second step of the impairment test would be performed. The second step of the goodwill impairment test is used to measure the amount of the impairment loss. In the second step, the implied fair value of the reporting unit's goodwill is determined by allocating the reporting unit's fair value to all of its assets and liabilities other than goodwill in a manner similar to a purchase price allocation. The resulting implied fair value of the goodwill that results from the application of this second step is then compared to the carrying amount of the goodwill and an impairment charge would be recorded for the difference.

G. Cash and Cash Equivalents: Securities with maturities of three months or less when purchased are considered to be cash equivalents.

H. Financial Instruments: Financial instruments are recorded at cost which approximates fair value for cash and cash equivalents, receivables, certain other assets, accounts payable, and certain other liabilities. Fair values are determined through a combination of management estimates and information obtained from third parties using the latest available market data. Long-term debt is carried at amortized cost.

We use derivative instruments in accordance with our established policies to manage exposure to fluctuations in currency exchange rates, interest rates and certain commodity (e.g., natural gas) prices. We do not hold or issue derivative financial instruments for trading or speculative purposes. We enter into financial instrument transactions with either major financial institutions or highly-rated counterparties and make reasonable attempts to diversify transactions among counterparties, thereby limiting exposure to credit related and performance related risks.

We use currency forward contracts to manage our exposure to fluctuations in currency rates on transactions denominated in currencies other than the functional currency of the business. Our practice is to hedge such exposures with forward contracts denominated in the same currency and with similar critical terms as the underlying exposure, and therefore, the instruments are effective at generating offsetting changes in the fair value, cash flows or future earnings of the hedged item or transaction. These contracts are reported at their fair value with changes in fair value recorded in other income (expense), net, together with the offsetting gain or loss on the exposed asset or liability.

We use cross currency swaps to hedge future cash flows from euro interest and principal receipts on certain euro denominated intercompany receivables we have with our subsidiaries against changes in the U.S. dollar to euro exchange rates. The cross currency swaps are recorded at fair value as either assets or liabilities. Changes in fair value include both an interest and an exchange component. The interest component is recorded in other comprehensive income while the exchange component is recorded in other income (expense), net together with the offsetting gain or loss on the hedged intercompany receivables.

We use both forward contracts and swaps to hedge certain of our utility requirements at our manufacturing facilities. The maturities of the forward contracts correlate highly to the actual purchases of the commodity and have the effect of securing predetermined prices that we pay for the underlying commodity. While these contracts are structured to limit our exposure to increases in commodity prices, they can also limit the potential benefit we might have otherwise received from decreases in commodity prices.

Forward contracts that are physically settled are not required to be recognized on the balance sheet at fair value. Instead, realized gains and losses are included in the cost of the commodity upon settlement of the contract.

Financially settled forward contracts and swaps on commodities are reported at fair value with offsetting amounts included in unrealized net gains (losses) on cash flow hedges on an after-tax basis. Gains and losses are reclassified into earnings, as a component of manufacturing cost of sales in the period the hedged commodity purchases affect earnings.

See Note 2 for information about our interest rate swap and currency forward contract activity in connection with our acquisition of Surface Specialties.

I. Environmental and Other Contingent

Liabilities: Accruals for environmental remediation, maintenance and operating costs directly related to remediation, and other contingent liabilities are recorded when it is probable that a liability has been incurred and the amount of the liability can be reasonably estimated.

It is our practice to conduct an analysis of our self-insured and insured contingent liabilities annually and whenever circumstances change significantly. Included in these liabilities are workers' compensation, product liability and toxic tort claims.

Accruals for environmental liabilities and other contingent liabilities are recorded as other liabilities with amounts expected to be paid out in the next twelve months classified as accrued expenses at undiscounted amounts.

Probable insurance recoveries for past and future indemnity costs are recorded in other receivables at our best estimate of the ultimate expected receipts at undiscounted amounts. Defense and processing costs are expensed as incurred. Probable insurance recoveries for defense and processing costs relate only to actual costs incurred.

In addition, we recognize the fair value of the liability for an asset retirement obligation in the period in which it is incurred if a reasonable estimate of fair value can be made. The present value of the liability is added to the carrying amount of the associated asset and this additional carrying amount is depreciated over the life of the asset. The liability is accreted at the end of each period through charges to operating expense. If the obligation is settled for other than the carrying amount of the liability we recognize a gain or loss on settlement.

J. Income Taxes: Income taxes are accounted for under the asset and liability method. Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax basis and operating loss and tax credit carryforwards. A valuation allowance is provided when it is more likely than not that some portion or all of the deferred tax assets will not be realized. We measure deferred tax assets and liabilities using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in earnings in the period that includes the enactment date. If repatriation of the undistributed earnings of our international subsidiaries and associated companies is anticipated then income taxes are provided for such earnings.

K. Postretirement Benefits: Costs are recognized as employees render the services necessary to earn the related benefits.

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L. Revenue Recognition: We recognize revenue when persuasive evidence of an arrangement exists, the selling price is fixed or determinable, collection is reasonably assured and title and risk of loss has passed to our customers. Customer rebates are estimated and recognized as a reduction of sales as such rebates are being earned.

M. Stock-Based Compensation: We account for our stock based compensation under the recognition and measurement principles of Accounting Principles Board Opinion No. 25, *Accounting for Stock Issued to Employees* ("APB 25") and related interpretations. No stock-based compensation cost is reflected in net earnings for stock options, as all options granted had an exercise price equal to the market value of the underlying common stock on the date of the grant. Compensation cost for restricted stock is recorded based on the market value on the date of grant, and compensation cost for performance stock is recorded based on the market price of our common stock at the end of each period through the date of vesting. The fair value of restricted and performance stock is charged to unearned compensation in Stockholders' Equity and amortized to expense over the requisite vesting periods. Stock appreciation rights ("SARS") payable in cash and outstanding at December 31, 2005 are accounted for as a liability under APB 25. Compensation cost for SARS is recognized over the vesting period and through the life of the award based on changes in the market price of our common stock over the market price at the grant date.

The following table illustrates the pro forma effect on net earnings available to common stockholders and net earnings available to common stockholders per share if we had applied the fair value recognition provisions of Statement of Financial Accounting Standards, *Accounting for Stock-Based Compensation* ("SFAS 123") to stock-based employee compensation (see Note 15 for information related to our stock option valuation assumptions). Option forfeitures are accounted for as they occurred and no amounts of compensation expense have been capitalized into inventory or other assets, but instead are considered period expenses in these pro forma amounts.

	2005	2004	2003
Net earnings available to common stockholders as reported	\$59.1	\$121.1	\$79.2
Add: Stock based employee compensation expense included in reported net income, net of related tax effects	1.6	3.0	1.3
Deduct: Total stock based employee compensation expense determined under fair value based method for all awards, net of related tax effects	7.3	7.1	7.8
Pro forma net earnings available to common stockholders	\$53.4	\$117.0	\$72.7
Net earnings available to common stockholders per share:			
Basic, as reported	\$1.31	\$ 3.06	\$2.03
Basic, pro forma	\$1.18	\$ 2.96	\$1.87
Diluted, as reported	\$1.27	\$ 2.96	\$1.97
Diluted, pro forma	\$1.15	\$ 2.87	\$1.81

N. Newly Issued Accounting Pronouncements:

In December, 2004, the Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standards No. 123 (revised 2004), *Share-Based Payment*, ("SFAS 123R"). SFAS 123R addresses the accounting for transactions in which an enterprise receives employee services in exchange for (a) equity instruments of the enterprise or (b) liabilities that are based on the fair value of the enterprise's equity instruments or that may be settled by the issuance of such equity instruments. When SFAS 123R becomes effective, it will replace SFAS 123 and supersede APB 25 and will require companies to recognize compensation cost in an amount equal to the fair value of share-based payments, such as stock options granted to employees. As required, we will adopt the new standard effective January 1, 2006 utilizing the modified prospective basis as allowed under SFAS 123R and we expect to record pre-tax incremental share-based employee compensation expense of \$10.5 in 2006.

In November 2005, the FASB issued FSP FAS123(R)-3, "Transition Election to Accounting for the Tax Effects of Share Based Payment Awards." This FSP requires an entity to follow either the transition guidance for the additional paid-in capital pool as prescribed in SFAS No. 123R or the alternative transition method as described in the FSP. An entity that adopts SFAS No. 123R using the modified prospective application may make a one-time election to adopt the transition method

described in this FSP. An entity may take up to one year from the later of its initial adoption of SFAS No. 123R or the effective date of this FSP to evaluate its available transition alternatives and make its on-time election. This FSP became effective in November 2005. We are evaluating the impact of the adoption of this FSP in connection with our adoption of SFAS No. 123R.

In November 2004, the FASB issued SFAS No. 151, "Inventory Costs – An amendment of ARB No. 43, Chapter 4" ("SFAS 151"). SFAS 151 amends the guidance in ARB No. 43, Chapter 4, "Inventory Pricing," to clarify the accounting for abnormal amounts of idle facility expense, freight, handling costs, and wasted material (spoilage). Additionally, SFAS No. 151 requires that the allocation of fixed production overheads to the costs of conversion be based on the normal capacity of the production facilities. SFAS No. 151 is required to be adopted by us in the first quarter of 2006. We have determined that the adoption of SFAS 151 will not have a material impact on our consolidated financial statements.

O. Use of Estimates: The preparation of financial statements in conformity with U.S. generally accepted accounting principles require management to make estimates and assumptions. These estimates or assumptions affect the reported amounts and disclosures. For example, estimates are used when accounting for allowance for doubtful accounts, inventory valuations, useful lives of tangible and intangible assets, recoverability of goodwill, accrued expenses, environmental and other contingent liabilities, pension and other postretirement benefits, income tax valuation allowances and assumptions utilized within stock option valuation models. Actual results could differ from these estimates. Accounting estimates require the use of judgment regarding uncertain future events and their related effects and, accordingly, may change as additional information is obtained.

2. ACQUISITIONS AND DISPOSITIONS

2005 Activity: On February 28, 2005, we acquired the Surface Specialties for cash and stock valued at \$1,799.7, of which \$1,508.9 (€1,138.5 at 1.325 U.S. dollar per euro) was paid in cash and the balance was paid in 5,772,857 shares of Cytec common stock (\$290.8 at \$50.37 per Cytec share). During September 2005, we received \$25.4 from UCB representing a reduction of the purchase price for finalization of working capital amounts as of the acquisition date. After considering the final working capital adjustment and transaction costs incurred of \$14.9, the acquisition was valued at \$1,789.2. The acquisition complements our existing product lines by significantly increasing our product offering to the coatings and additives industries including the general industrial, automotive, architectural, plastic, graphic arts and wood sectors.

In accordance with the purchase agreement, contingent consideration up to a maximum of €50.0 was to be determined in January 2006 based upon 2005 year-end results, of which €20.0 (\$26.5 at \$1.325 per euro) was prepaid at closing. In view of the parties' expectation that the contingent consideration would not be payable, we were refunded the payment during September 2005 provided that a final year-end determination of the actual contingent payment due, if any, would still be made. Subsequently, we determined that no amounts were due under this agreement.

Upon closing, UCB became the owner of approximately 12.5% of our outstanding common shares. We entered into a stockholder's agreement (the "Stockholder's Agreement") with UCB which provides, subject to various exceptions, that UCB must reduce its stake to less than 9% within three years, less than 7% within four years and less than 5% within five years and which provides that UCB will be prohibited from purchasing additional shares of our common stock or causing, advocating or participating in a change of control in the ownership of Cytec. The Stockholder's Agreement also contains customary terms and conditions including an obligation of UCB to vote its shares of Cytec common stock in accordance with our Board of Directors' recommendation on certain matters.

Pursuant to regulatory approvals, we were required to divest the Surface Specialties amino resins ("SSAR") product line. On August 31, 2005, we sold SSAR to affiliates of INEOS Group Limited ("INEOS") for cash consideration of €64.0 (\$78.2 at 1.22 U.S. dollar per euro). In the fourth quarter we paid \$1.6 to INEOS representing a reduction of the selling price for final working capital adjustments as of the acquisition date. After considering the final working capital adjustment, the sale was valued at \$76.6 (\$72.8 net of disposition related expenses of \$3.8). Since acquisition, and through the date of sale, SSAR was classified as a discontinued operation. Revenues of SSAR were \$74.3 for the six months ended August 31, 2005 (acquisition through date of sale). The net proceeds realized from the divestiture of SSAR were used to reduce acquisition related debt. At December 31, 2005, of the \$3.8 of disposition related expenses, \$1.5 remained to be paid.

In late 2004, we entered into \$642.9 of forward-starting interest rate swaps to hedge the benchmark interest rate and credit spread on certain debt anticipated to be issued in 2005 in connection with the acquisition. Due to a subsequent reduction in borrowing requirements, we liquidated \$25.0 of these swaps in March 2005 at a cost of \$0.4 and \$60.4 of these swaps in June 2005 at a cost of \$3.7. In September 2005, we settled the remaining outstanding swaps at the same time that we priced our public debt offering. The termination payment of \$27.4 was paid in October 2005. The swaps were marked to market and recorded currently in earnings until their termination. The net pre-tax impact of the mark to market value on these swaps was a loss of \$25.0 for the year ended December 31, 2005, which was recorded in other income (expense), net. We recorded a loss of \$6.5 on these swaps in 2004.

We had also previously entered into currency forward contracts that related to approximately 87% of the euro exposure of €1,190.0 for the cash component of the Surface Specialties acquisition. The forward contracts, which matured on February 28, 2005, were marked to market and recorded currently in earnings until their maturity. The impact on earnings for the three months ended March 31, 2005 of the marked to market adjustment on these forward contracts was a net

pre-tax expense of \$19.2 and was recorded in other income (expense), net. In 2004, we recorded a gain of \$33.3 on currency forward transactions entered into in connection with the acquisition.

The following table summarizes the estimated fair value of the assets acquired and the liabilities assumed in the acquisition. We have substantially completed the purchase price allocation and our own internal assessment. As part of this assessment we contracted with a third party to perform a physical verification of the fixed assets acquired at certain significant manufacturing facilities. We are awaiting the final report of the third party. Accordingly, the property, plant and equipment, goodwill and deferred taxes are subject to a final adjustment.

Cash	\$ 34.6
Current deferred tax assets	27.8
Other current assets	532.7
Assets of discontinued operations	91.8
Property, plant and equipment	449.2
Goodwill	728.3
Acquired intangible assets	490.4
Acquired in-process research and development	37.0
Other assets	34.2
Total assets acquired	\$2,426.0
Current liabilities	\$ 286.1
Liabilities of discontinued operations	26.5
Long-term deferred tax liabilities	187.3
Long-term debt	9.9
Other long-term liabilities	127.0
Total liabilities assumed	636.8
Net assets acquired	\$1,789.2

The \$728.3 of goodwill is not tax deductible and, \$38.0 was allocated to our Cytex Performance Chemicals segment and \$690.3 was allocated to our Cytex Surface Specialties segment. Included in acquired intangible assets is \$45.7 relating to certain trade names which have indefinite useful lives. The remaining intangibles that were acquired were assigned to customer-related (\$382.6), marketing-related (\$50.8) and technology-related intangibles (\$11.3), and are being amortized over periods of 10 to 15 years. Immediately following the acquisition, \$37.0 of acquired in-process research and development costs were written off.

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Following are the unaudited pro forma combined results of continuing operations for the years ended December 31, 2005 and 2004 as if Cytec and Surface Specialties had been combined and the sale of SSAR had been completed as of January 1, 2004. Additionally, the write-off of in-process research and development costs and inventory valuation adjustments were excluded from the 2005 and 2004 amounts as they are considered non-recurring charges. The pro forma results include estimates and assumptions which are subject to adjustment pending our finalization of the purchase price allocation. However, pro forma results do not include any anticipated cost savings or other effects of the planned integration and are not indicative of the results which would have actually occurred if the business combination had been in effect on the dates indicated, or which may result in the future. The pro forma information set forth below considers the following factors: the issuance of 5,772,857 shares of our common stock to UCB in connection with the acquisition; the issuance of acquisition-related debt of \$1,325.0 at a weighted-average interest rate of 3.79% and the associated increase in interest expense, net of the after tax proceeds from the sale of SSAR used to pay down such debt; a net reduction in cash and an associated reduction in interest income as a result of the on-hand cash utilized to purchase Surface Specialties; increased amortization of acquisition intangibles; decreased depreciation expense based on asset values and estimated useful lives included in the valuation report; amortization of deferred financing costs; and the tax effects of each of these items.

	Years Ended December 31,	
	2005	2004
Revenues	\$3,150.6	\$2,917.3
Earnings from continuing operations	\$ 110.8	\$ 164.4
Earnings from continuing operations per common share:		
Basic	\$ 2.40	\$ 3.63
Diluted	\$ 2.34	\$ 3.53

On June 1, 2005, we sold our 50% ownership in CYRO Industries ("CYRO") to our joint venture partner Degussa Specialty Polymers, an affiliate of

Degussa AG, for cash consideration of \$95.0 plus \$5.4 for working capital adjustments. The proceeds of this transaction essentially recovered the carrying value of our investment in CYRO. Net proceeds of the sale were also used to reduce debt incurred to fund the Surface Specialties acquisition.

2003 Transactions: In July 2003, we acquired substantially all of the assets and liabilities of the metal extractant products ("MEP") and intermediates and stabilizers ("I&S") product lines of Avecia Investments Limited ("Avecia") for approximately \$96.1 in cash, net of cash acquired. The MEP product line, which had sales in 2002 of approximately \$29.0 (unaudited) broadened our product line for the mining industry with differentiated technology. The I&S product line broadened our customer base and added new products and manufacturing technologies. The I&S product line had sales in 2002 of approximately \$36.0 (unaudited). Both the MEP and I&S product lines are reported as part of the Cytec Performance Chemicals segment.

In conjunction with this acquisition, we acquired various working capital and plant, equipment and facilities and recorded amortizable acquisition intangibles of \$24.4 (technology-based intangibles of \$9.1, marketing-related intangibles of \$0.7, and customer-related intangibles of \$14.6 with estimated lives ranging from 12 to 15 years) and goodwill of \$8.4. This goodwill is recorded as part of the Cytec Performance Chemicals segment.

In September 2003, we dissolved our Mitsui Cytec Ltd ("MCY") joint venture with Mitsui Chemicals Inc. ("Mitsui"). The joint venture's sales in 2002 were approximately \$59.0. The transaction resulted in the recognition of customer-related amortizable acquisition intangibles of \$7.0 and goodwill of \$4.6. This goodwill is recorded as part of the Cytec Surface Specialties segment.

The dissolution of the joint venture occurred as follows. MCY sold the water treatment business to a separate subsidiary of Mitsui for its fair value which approximated its net book value of approximately \$8.8. No gain or loss resulted from this transaction. Mitsui's equity interest in MCY was then purchased by us for approximately \$11.5 in a

two-step process whereby MCY paid approximately \$7.8 and we paid approximately \$3.7 for the remainder. We assumed the debt of the joint venture of \$9.7.

The result of the transaction was such that we now own 100% of MCY's coatings resins product line (2002 sales of approximately \$22.0) and the associated assets and liabilities of the product line that includes a manufacturing facility in Shimonoseki, Japan. This is now reported as part of the Cytec Surface Specialties segment. Mitsui now owns 100% of the water treatment product line and the associated assets and liabilities of the product line that includes a production facility in Mobarra, Japan.

All of our acquisitions have been accounted for under the purchase method of accounting and the results of operations have been included in the consolidated financial statements from the date of acquisition.

3. RESTRUCTURING OF OPERATIONS

In 2005, we recorded aggregate restructuring charges of \$16.8, which related to the elimination of 136 positions worldwide. Of the total of 136 positions, 22 related to our Cytec Engineered Materials segment and 114 related to our Specialty Chemicals segments. The restructuring costs, which were primarily severance related, were charged to expense as follows: manufacturing cost of sales, \$5.0; selling and technical services, \$3.7; research and process development, \$0.8 and administrative and general, \$7.3. These costs were not recorded in the operating results of the respective business segment as they were included in our corporate unallocated operating results.

A summary of the 2005 restructuring charges is outlined in the table below:

	Cytec Engineered Materials	Cytec Specialty Chemicals	Total
2005 charges	\$1.6	\$15.2	\$16.8
Cash payments	-	6.3	6.3
Balance at December 31, 2005	\$1.6	\$ 8.9	\$10.5

Cash payments are expected to be substantially completed in 2006 except for certain long-term severance payments.

4. EARNINGS PER SHARE

Basic earnings per common share excludes dilution and is computed by utilizing the weighted-average number of common shares outstanding (which includes shares outstanding less performance and restricted shares for which vesting criteria have not been met) plus deferred stock awards, weighted for the period outstanding. Diluted earnings per common share is computed by utilizing the weighted-average number of common shares outstanding for the period adjusted (i.e., increased) for all additional common shares that would have been outstanding if potentially dilutive common shares had been issued and any proceeds of the issuance had been used to repurchase common stock at the average market price during the period. The proceeds used to repurchase common stock are assumed to be the sum of the amount to be paid to us upon exercise of options, the amount of compensation cost attributed to future services and not yet recognized and the amount of income taxes that would be credited to or deducted from capital upon exercise. Preferred stock dividends were paid on preferred shares through the date at which it was redeemed.

In calculating basic and diluted earnings available to common stockholders per share, there are no adjustments to income (the numerator) other than the premium paid to redeem preferred stock of \$9.9 in 2004. The following shows the reconciliation of the weighted average shares (the denominator) used in the calculation of diluted earnings per share:

December 31,	2005	2004	2003
Weighted average shares outstanding:	45,241,738	39,548,312	38,957,611
Effect of dilutive shares:			
Options	1,044,924	1,148,311	1,082,652
Performance/ Restricted Stock	95,487	133,328	118,413
Adjusted average shares outstanding	46,382,149	40,829,951	40,158,676

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Stock options to purchase 912,200, 407,450 and 1,328,100 shares of common stock at a weighted-average price per share of \$47.82, \$48.10 and \$43.25 were outstanding during 2005, 2004 and 2003, respectively. These stock options were excluded from the above calculation because their inclusion would have had an anti-dilutive effect on earnings per share.

5. DERIVATIVE FINANCIAL INSTRUMENTS AND COMMODITY HEDGING ACTIVITIES

DERIVATIVE FINANCIAL INSTRUMENTS

In September 2005, we entered into €207.9 of five year cross currency swaps and €207.9 of ten year cross currency swaps. The swaps included an initial exchange of \$500.0 on October 4, 2005 and will require final principal exchanges of \$250.0 each on the settlement date of the 5-Year Note due October 1, 2010 and 10-Year Notes due October 1, 2015 as defined in Note 10. At the initial principal exchange, we paid U.S. dollars to counterparties and received euros. Upon final exchange, we will

provide euros to counterparties and receive U.S. dollars. The swaps also call for a semi-annual exchange of fixed euro interest payments for fixed U.S. dollar interest receipts. With respect to the five year swaps, we will receive 5.5% per annum and will pay 3.784% per annum on each April 1 and October 1, through the maturity date of the five year swaps. With respect to the ten year swaps, we will receive 6.0% per annum and will pay 4.5245% per annum on each April 1 and October 1, through the maturity date of the ten year swaps. The cross currency swaps have been designated as cash flow hedges of the changes in value of the future euro interest and principal receipts that result from changes in the U.S. dollar to euro exchange rates on certain euro denominated intercompany receivables we have with our subsidiaries. At December 31, 2005, the fair values of the five and ten year swaps were \$5.8 and \$2.7, respectively. Euro denominated bank borrowings naturally hedge the remainder of our euro denominated intercompany loans receivable and provide a partial hedge of our net investment in our Belgium based subsidiary, Cytec Surface Specialties SA/NV.

At December 31, 2005 and 2004, the currency and net contractual amounts of forward contracts outstanding translated into U.S. dollar equivalent amounts were as follows:

	2005					2004		
	Buy					Buy		
	Euro	Pound Sterling	Canadian Dollar	Australian Dollar	U.S. Dollar	Euro	Pound Sterling	Canadian Dollar
Sell								
U.S. Dollar	\$11.8	\$ -	\$3.5	\$4.5	\$ -	\$24.2	\$1.0	\$2.5
Euro	-	7.3	-	-	-	-	0.9	-
Norwegian Krone	2.4	-	-	-	7.8	6.3	-	-
Japanese Yen	-	-	-	3.8	-	-	-	-
Other	1.3	-	-	-	-	0.8	-	-

The fair value of currency contracts, based on forward exchange rates at December 31, 2005 and 2004 was approximately \$0.1 and \$0.6, respectively.

COMMODITY HEDGING ACTIVITIES

At December 31, 2005, the Building Block Chemicals segment Fortier plant's 2006 forecasted natural gas utility requirements were 37% hedged utilizing natural gas forward contract at an average cost of \$8.84 per MMBTU. These contracts totaled

\$10.5 and have delivery dates from January 2006 through December 2006. Based on year end NYMEX prices, we had net unrealized gains/(losses) on our natural gas forward contracts at December 31, 2005 and 2004 of \$2.4 and \$(1.6), respectively.

At December 31, 2005 and 2004, we had outstanding natural gas swaps with a fair value gain/(loss) of \$1.7 and (\$0.7), net of taxes, respectively.

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See Note 2 for information about our interest rate swap and currency forward contract activity in connection with our acquisition of Surface Specialties.

6. EQUITY IN EARNINGS OF ASSOCIATED COMPANIES AND MINORITY INTERESTS

Through May 31, 2005, we had one associated company that was material to our operations, CYRO. Sales to associated companies, primarily CYRO, amounted to \$18.7, \$38.3 and \$37.4 in 2005, 2004 and 2003, respectively. Amounts due from CYRO at December 31, 2004 totaled \$8.3. We have determined that the profit or loss on sales to our associated companies for inventory that they held is immaterial; therefore, no adjustments have been made to eliminate such profit or loss.

Fees received from associated companies, primarily CYRO, were \$0.8 through May 31, 2005, and \$2.3 and \$7.8 in 2004 and 2003, respectively. Fees from CYRO are recorded in manufacturing cost of sales and are related primarily to manufacturing services provided to CYRO at our Fortier, Louisiana manufacturing complex. We continue to provide CYRO with these services.

Upon acquisition of Surface Specialties, Cytec acquired a 50% ownership interest in SK Cytec Co., Ltd. ("SK Cytec"), a joint venture that manufactures and sells certain similar products to those sold by Surface Specialties. The operations of SK Cytec are not material to the results of our operations.

Upon acquisition of Surface Specialties, we also acquired ownership interests in two majority-owned

entities for which the net assets and results of operations are consolidated. The earnings associated with the minority ownership interests are included in other income (expense), net and totaled \$0.6 for the year ended December 31, 2005. The minority ownership interests in the net assets of these entities are included in other noncurrent liabilities and totaled \$2.1 as of December 31, 2005.

7. INVENTORIES

December 31,	2005	2004
Finished goods	\$288.4	\$165.0
Work in progress	26.3	20.6
Raw materials and supplies	131.9	78.2
Total inventories	\$446.6	\$263.8

8. PLANTS, EQUIPMENT AND FACILITIES

December 31,	2005	2004
Land and land improvements	\$ 85.6	\$ 34.7
Buildings	327.8	249.8
Machinery and equipment	1,596.9	1,298.3
Construction in progress	54.0	44.4
Plants, equipment and facilities, at cost	\$2,064.3	\$1,627.2

The average composite depreciation rates utilized in the U.S. and Canada, expressed as a percentage of the average depreciable property in service, were 5.2% in 2005, 5.8% in 2004 and 6.1% in 2003. Gross cost of the assets depreciated under the composite method in the U.S. and Canada totaled \$1,185.6 and \$1,163.9 as of December 31, 2005 and 2004, respectively. Depreciation is calculated using the straight line depreciation method for assets at the remainder of our locations with the estimated useful lives of these assets ranging from 4 to 40 years.

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9. GOODWILL AND OTHER ACQUISITION INTANGIBLES

Following are the changes in goodwill by segment. The 2003 beginning balances have been restated to reflect our new organizational structure (see Note 17).

	Cytec Performance Chemicals	Cytec Surface Specialties	Cytec Engineered Materials	Corporate	Total
Balance, January 1, 2003	\$55.4	\$25.6	\$252.4	\$0.6	\$334.0
2003 acquisitions	10.5	2.5	-	-	13.0
Purchase adjustment ⁽¹⁾	-	-	(4.7)	-	(4.7)
Currency exchange	(2.7)	0.2	(0.2)	0.1	(2.6)

	Cytec Performance Chemicals	Cytec Surface Specialties	Cytec Engineered Materials	Corporate	Total
Balance, December 31, 2003	\$ 63.2	\$ 28.3	\$247.5	\$0.7	\$ 339.7
Purchase adjustment ⁽²⁾	(0.1)	-	-	-	(0.1)
Currency exchange	1.9	1.0	(0.1)	-	2.8
Balance, December 31, 2004	\$ 65.0	\$ 29.3	\$247.4	\$0.7	\$ 342.4
2005 acquisitions	38.0	690.3	-	-	728.3
Currency exchange	(1.5)	(50.9)	0.2	-	(52.2)
Purchase adjustment ⁽³⁾	-	-	(6.3)	-	(6.3)
Balance, December 31, 2005	\$101.5	\$668.7	\$241.3	\$0.7	\$1,012.2

- (1) Purchase accounting adjustment relates to the recognition of deferred tax assets relating to an acquisition that occurred in a prior reporting period.
- (2) Purchase accounting adjustments relate to various items, primarily revision of pension liabilities associated with our September 2003 acquisition of certain product lines of Avecia.
- (3) We recorded a reduction to goodwill of \$6.3 as a result of the favorable resolution of a tax contingency related to an acquisition that occurred in a prior reporting period.

Other acquisition intangibles consisted of the following major classes:

December 31,	Weighted Average Useful Life (years)	Gross Carrying Value		Accumulated Amortization		Net Carrying Value	
		2005	2004	2005	2004	2005	2004
Technology-based	15.2	\$ 52.2	\$42.5	\$(15.0)	\$(12.2)	\$ 37.2	\$30.3
Marketing-related	15.4	58.9	11.6	(9.0)	(4.0)	49.9	7.6
Marketing-related	Indefinite	41.8	-	-	-	41.8	-
Customer-related	15.0	389.6	35.8	(27.0)	(6.9)	362.6	28.9
Total		\$542.5	\$89.9	\$(51.0)	\$(23.1)	\$491.5	\$66.8

Amortization of acquisition intangibles for the year ended December 31, 2005, 2004 and 2003 was \$30.3, \$5.6, and \$4.0, respectively. Amortization expense for the year ended December 31, 2005 includes ten months of amortization of the acquisition intangibles associated with our purchase of Surface Specialties. Assuming no change in the gross carrying amount of acquisition intangibles and the currency exchange rates

remain constant, the estimated future amortization expense for the year 2006 is \$33.9, for the years 2007 through 2009 is \$33.8 per year, and for the year 2010 is \$33.7. Included in marketing-related intangibles at December 31, 2005 is \$41.8 relating to certain trade names purchased upon acquisition of Surface Specialties which have indefinite useful lives.

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10. DEBT

Long-term debt, including the current portion, consisted of the following:

	December 31,			
	2005		2004	
	Face	Carrying Value	Face	Carrying Value
Five-Year Term Loan Due February 15, 2010	\$ 461.2	\$ 461.2	\$ -	\$ -
6.75% Notes Due March 15, 2008	100.0	98.8	100.0	98.2
5.5% Notes Due October 1, 2010	250.0	249.6	-	-
6.846% Mandatory Par Put Remarketed Securities ("MOPPRS")	-	-	120.0	119.0
4.6% Notes Due July 1, 2013	200.0	201.7	200.0	201.9
6.0% Notes Due October 1, 2015	250.0	249.4	-	-
Other	16.0	16.0	-	-
	\$1,277.2	\$1,276.7	\$420.0	\$419.1
Less: Current maturities	51.2	51.2	120.0	119.0
Long-term Debt	\$1,226.0	\$1,225.5	\$300.0	\$300.1

The fair value of our long-term debt, including the current portion, based on dealer quoted values, was \$1,243.5 at December 31, 2005, and \$418.8 at December 31, 2004.

In February 2005, we entered into credit agreements totaling \$1,775.0 in preparation for our acquisition of Surface Specialties. The agreements included a \$725.0 unsecured 5-year term loan facility, a \$700.0 364-day credit facility, and a \$350.0 5-year revolving credit facility. We borrowed \$725.0 under the term loan facility and \$600.0 under the 364-day credit facility both at interest rates based on a floating LIBOR rate plus an applicable margin which is based on our credit rating and is subject to change (1.0% at December 31, 2005). The \$725.0 facility requires amortization payments equal to the lesser of \$72.5 or the then outstanding balance by December 31 of each year from 2005 through 2008 with a final payment due February 15, 2010. As of December 31, 2005, we have prepaid \$30.5 of the \$72.5 amortization payment due on December 31,

2006. The revolving credit facility provides additional liquidity for general corporate purposes. The facilities contain covenants that are customary for such facilities; including subsequent amendments to allow prepayments under the term loan to be applied in forward order of maturity and to add back specified restructuring charges in the determination of EBITDA under the revolving credit and term loan facilities.

In order to take advantage of current interest rates, we elected to redeem the MOPPRS in May, 2005, at the optional redemption price of \$141.0. The optional redemption price represented the \$120.0 principal amount of the securities and a \$21.0 pre-tax interest charge for redemption prior to their final maturity. The redemption provided us with the ability to refinance this debt at a significantly lower cost and a shorter tenor. Upon redemption, we recognized additional interest expense of \$1.0 from amounts related to the unamortized put premium and rate lock agreements for these securities. The total expense of \$22.0 was recorded in 2005 in interest expense, net.

During October 2005, we sold \$250.0 principal amount of 5.5% Notes due October 1, 2010 and \$250.0 principal amount of 6.0% Notes due October 1, 2015 (the "5-Year Notes" and the "10-Year Notes," respectively, and collectively, the "Notes"). The Notes were offered under our \$600.0 shelf registration statement. We received approximately \$495.1 in net proceeds from the offering after deducting the underwriting discount and other estimated offering expenses. The net proceeds from the offering were used to repay all amounts outstanding under our unsecured 364-day facility and our revolving credit facility, which was approximately \$417.5 and \$66.2, respectively. The 364-day facility is now terminated. The Notes will pay interest on each April 1 and October 1, commencing on April 1, 2006 through their respective due dates. The Notes are unsecured and may be redeemed in whole or in part, at our option at any time subject to a prepayment adjustment.

The weighted average interest rate on long-term debt was 4.4% for 2005 and 5.7% for 2004.

At December 31, 2005 and 2004, we had available for short-term use approximately \$92.4 and \$16.5,

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respectively, of non-U.S. dollar denominated credit facilities. There were outstanding borrowings of \$48.7 and \$0.0 under these facilities at December 31, 2005 and 2004, respectively.

Cash payments during the years ended December 31, 2005, 2004 and 2003, included interest of \$75.3, \$20.2 and \$18.2, respectively. Included in interest expense, net, for the years ended December 31, 2005, 2004 and 2003, is interest income of \$3.7, \$5.5 and \$3.8, respectively.

At December 31, 2005, we had no outstanding borrowings under our 5-year revolving credit facility.

11. CONTINGENCIES AND COMMITMENTS

ENVIRONMENTAL AND RELATED MATTERS

We are subject to substantial costs arising out of environmental laws and regulations, which include obligations to remove or limit the effects on the environment of the disposal or release of certain wastes or substances at various sites or to pay compensation to others for doing so.

Our most significant environmental liabilities relate to remediation and regulatory closure obligations at manufacturing sites now or formerly owned by us. We are also involved in legal proceedings directed at the cleanup of various other sites, including a number of federal or state Superfund sites. Since the laws pertaining to Superfund sites generally impose retroactive, strict, joint and several liability, a governmental plaintiff could seek to recover all remediation costs at any such site from any of the potentially responsible parties ("PRPs") for such site, including us, despite the involvement of other PRPs. In some cases, we are one of several hundred identified PRPs, while in others we are the only one or one of only a few. Generally, where there are a number of financially solvent PRPs, liability has been apportioned, or we believe, based on our experience with such matters, that liability will be apportioned based on the type and amount of waste disposed by each PRP at such disposal site and the number of financially solvent PRPs. In many cases, the nature of future environmental expenditures cannot be quantified with accuracy. In

addition, from time to time in the ordinary course of our business, we are informed of, and receive inquiries with respect to, additional sites that may be environmentally impaired and for which we may be responsible.

As of December 31, 2005 and 2004, the aggregate environmental related accruals were \$102.9 and \$70.7, respectively, of which \$7.5 and \$10.0, respectively, are included in accrued expenses with the remainder included in other noncurrent liabilities. The increase in environmental related accruals was primarily related to liabilities assumed upon our acquisition of Surface Specialties which are associated with the remediation of certain manufacturing sites primarily located in Europe. Environmental remediation spending, for the years ended December 31, 2005, 2004 and 2003, was \$6.6, \$9.4 and \$9.3, respectively. In the first quarter of 2005, we increased our reserves by \$4.4 as a result of our agreement in principle to settle claims by a third party for the costs of environmental remediation at a manufacturing site operated by the former American Cyanamid Company ("Cyanamid") prior to 1944. In connection with our spin-off from Cyanamid in 1993, we agreed to indemnify Cyanamid for claims of this nature. Under the terms of the settlement which was finalized in the second quarter of 2005, the third party has released all claims and indemnified us against third-party environmental remediation claims arising from the alleged contamination at the site. Although we believed that we had meritorious defenses to this claim, we agreed to the settlement to avoid incurring additional legal fees and any risk of an adverse outcome in any related litigation. During 2004, we recorded a pre-tax charge of \$6.1 in connection with the settlement of several environmental and toxic tort lawsuits which were all related to a single manufacturing site operated by Cyanamid prior to 1963. The full settlement which was paid in 2004 amounted to \$8.6, of which \$2.5 was charged against a previously established environmental remediation reserve for these matters.

On January 1, 2003, as a result of the adoption of SFAS 143, we recorded an after tax charge of \$13.6 for the cumulative effect of prior years for depreciation of the additional costs and accretion expense on the asset retirement liability. At

December 31, 2005 and 2004, the asset retirement liability was \$39.1 and \$22.3, respectively, which is included in other liabilities. Accretion and depreciation expense for the years ended December 31, 2005, 2004 and 2003 were \$3.1, \$1.8 and \$1.8, respectively.

OTHER CONTINGENCIES

We are the subject of numerous lawsuits and claims incidental to the conduct of our or certain of our predecessors' businesses, including lawsuits and claims relating to product liability, personal injury including asbestos, environmental, contractual, employment and intellectual property matters.

As of December 31, 2005 and 2004, the aggregate self-insured and insured contingent liability was \$65.8 and \$68.4, respectively, and the related insurance recovery receivable was \$37.7 and \$37.9, respectively. The asbestos liability included in the above amounts at December 31, 2005 and 2004 was \$47.8 and \$50.4, respectively, and the related insurance receivable was \$34.7 and \$34.2, respectively. We anticipate receiving a net tax benefit for payment of those claims for which full insurance recovery is not realized.

ASBESTOS

The following table presents information about the number of claimants involved in asbestos cases with us:

	Year Ended December 31, 2005	Year Ended December 31, 2004
Number of claimants at beginning of period	27,947	26,955
Number of claimants associated with claims closed during period	(11,949)	(3,540)
Number of claimants associated with claims opened during period	2,113	4,532
Number of claimants at end of period	18,111	27,947

The claimants allege exposure to asbestos at facilities formerly or currently owned by us or from products that we formerly manufactured for specialized applications. Most of these cases involve numerous defendants, sometimes as many as several hundred. Historically, most of the closed

asbestos claims against us have been dismissed without any indemnity payment by us, and we have no information that this pattern will change.

Our asbestos liability and related insurance receivable is based on a study we commissioned in 2003 by the Actuarial and Analytics Practice of AON Risk Consultants ("AON"). We provided AON with, among other things, detailed data for the past ten years on the incidence of claims, the incidence of malignancy claims, indemnity payments for malignancy and non-malignancy claims, and dismissal rates by claim. The actuarial methodology employed by AON was primarily based on epidemiological data assumptions regarding asbestos disease manifestation, the information provided by us, and the estimates of claim filing and indemnity costs that may occur in the future. In conjunction with AON, we also conducted a detailed review of our insurance policies and estimated insurance recoveries in 2003. We expect to recover close to 50% of our future indemnity costs and certain defense and processing costs already incurred. Most of our insurance is with carriers with investment grade ratings and only those with such ratings were included in the estimation of the recovery of indemnity and defense costs. We anticipate updating the study approximately every three years or earlier if circumstances warrant.

It should be noted that the ultimate liability and related insurance recovery for all pending and anticipated future claims cannot be determined with certainty due to the difficulty of forecasting the numerous variables that can affect the amount of the liability and insurance recovery. These variables include but are not limited to: (i) significant changes in the number of future claims; (ii) significant changes in the average cost of resolving claims; (iii) changes in the nature of claims received; (iv) changes in the laws applicable to these claims; and (v) financial viability of co-defendants and insurers.

LEAD PIGMENT

We are among several defendants in approximately 30 cases, in which plaintiffs assert claims for personal injury, property damage, and other claims for relief relating to one or more kinds of lead pigment that were used as an ingredient decades ago in paint for use in buildings. The

different suits were brought by government entities and/or individual plaintiffs, on behalf of themselves and others. The suits variously seek compensatory and punitive damages and/or injunctive relief, including funds for the cost of monitoring, detecting and removing lead based paint from buildings and for medical monitoring; for personal injuries allegedly caused by ingestion of lead based paint; and plaintiffs' attorneys' fees. We believe that the suits against us are without merit, and we are vigorously defending against all such claims. Accordingly, no loss contingency has been recorded.

In July 2005, the Supreme Court of Wisconsin held in a case in which we were one of several defendants that Wisconsin's risk contribution doctrine applies to bodily injury cases against manufacturers of white lead pigment. Under this doctrine, manufacturers of white lead pigment may be liable for injuries caused by white lead pigment based on their past market shares unless they can prove they are not responsible for the white lead pigment which caused the injury in question. Seven other courts have previously rejected the applicability of this and similar doctrines to white lead pigment. We settled this case for an immaterial amount. Although similar cases may be filed in Wisconsin, we intend to vigorously defend ourselves if such case(s) are filed based on what we believe to be our non-existent or diminutive market share. Accordingly, we do not believe that our liability, if any, in such cases will be material, either individually or in the aggregate and no loss contingency has been recorded.

We have access to a substantial amount of primary and excess general liability insurance for property damage and believe these policies are available to cover a significant portion of both our defense costs and indemnity costs, if any, for lead pigment-related property damage claims. We have agreements in principle with several of our insurers which provide that they will pay for approximately fifty percent (50%) of our defense costs associated with lead pigment related property damage claims and we continue to pursue recovery of our defense costs from additional insurers.

OTHER

During 2004, we signed a stipulation of settlement with plaintiffs in a federal class action lawsuit on

behalf of purchasers of carbon fiber. As a result of this and several other related litigation matters, in 2004 we recorded a pre-tax charge of \$8.0 which is included in administrative and general.

In the second quarter of 2005, we increased our reserves by \$2.4 as a result of our agreement in principle, which was signed in the third quarter, to settle certain claims by a third party for \$2.7.

In 2006, we were named as a defendant in a series of civil cases alleging violation of antitrust laws relating to the sale of methyl methacrylate, a chemical manufactured and sold by CYRO, and seeking damages arising out of such alleged violations. We sold our interest in CYRO to Degussa in 2005, and in accordance with the terms of the sales agreement, we expect Degussa and CYRO to provide us with full indemnity for any losses and expenses associated with these cases.

In February 2006, a subsidiary of DSM filed a lawsuit against us seeking immediate dissolution of AMEL, the melamine manufacturing joint venture between DSM and Cytec or the appointment of a receiver for the joint venture, the rescission of the services agreement between Cytec and AMEL and compensatory damages. We believe this lawsuit is without merit and we are vigorously defending against all of the claims.

Periodically, we enter into settlement discussions for lawsuits or claims for which we have meritorious defenses and for which an unfavorable outcome against us is not probable. In such instances, no loss contingency is recorded since a loss is not probable and it is our policy to accrue defense costs as incurred. Typically, we consider these types of settlements in fairly limited circumstances usually related to the avoidance of future defense costs and/or the elimination of any risk of an unfavorable outcome. Such settlements, if any, are recorded when it is probable a liability has been incurred, typically upon entering into a settlement agreement.

While it is not feasible to predict the outcome of all pending environmental matters, lawsuits and claims, it is reasonably possible that there will be a necessity for future provisions for costs for environmental matters and for other contingent liabilities that we believe, will not have a material

adverse effect on our consolidated financial position, but could be material to our consolidated results of operations or cash flows in any one accounting period. We cannot estimate any additional amount of loss or range of loss in excess of the recorded amounts. Moreover, many of these liabilities are paid over an extended period, and the timing of such payments cannot be predicted with any certainty.

From time to time, we are also included in legal proceedings as a plaintiff involving tax, contract, patent protection, environmental and other legal matters. Gain contingencies related to these matters, if any, are recorded when they are realized.

We commenced binding arbitration proceedings against SNF SA, ("SNF"), in 2000 to resolve a commercial dispute relating to SNF's failure to purchase agreed amounts of acrylamide under a long-term agreement. In July, 2004, the arbitrators awarded us damages and interest aggregating approximately €11.0 euros plus interest on the award at the rate of 7% per annum from July 28, 2004. We have obtained a court order in France to enforce the award, which order is being appealed by SNF. No gain contingency has been recorded. Subsequent to the arbitration award, SNF filed a complaint alleging criminal violation of French and European Community antitrust laws relating to the contract which was the subject of the arbitration proceedings. We believe that the complaint is without merit.

COMMITMENTS

Rental expense under property and equipment leases was \$14.3 in 2005, \$10.8 in 2004 and \$10.2 in 2003. Estimated future minimum rental expenses under property and equipment leases that have initial or remaining noncancelable lease terms in excess of one year as of December 31, 2005, are:

	Operating Leases
2006	\$13.6
2007	11.0
2008	8.7
2009	6.7
2010	3.9
Thereafter	16.4
Total minimum lease payments	\$60.3

We frequently enter into long-term contracts with customers with terms that vary depending on specific industry practices. Our business is not substantially dependent on any single contract or any series of related contracts. Set forth below are more specific terms about our significant sales contracts.

We have the option to sell, and an affiliate of an international trading company is obligated to buy, up to approximately 40% of our production capacity of acrylonitrile per year under a long-term distributorship agreement that is scheduled to expire on May 1, 2008. The price under this distributorship agreement is market-based less certain costs and commissions.

We are obligated to sell, and a tenant at our Fortier facility is obligated to buy, substantially all of our nominal production capacity of hydrocyanic acid under an agreement with an initial term expiring December 31, 2011. Price is determined by a formula based on the raw materials used to manufacture hydrocyanic acid and to a lesser extent on the selling price of such tenant's product based on hydrocyanic acid and is adjusted periodically.

We are obligated to sell sulfuric acid, and also to regenerate used sulfuric acid, and a tenant at our Fortier facility is obligated to buy such product and services, under an agreement with an initial term expiring December 31, 2011. The price for regenerated sulfuric acid is cost based and the price for sulfuric acid is set between the price for regenerated sulfuric acid and a market price for sulfuric acid and both prices are adjusted periodically. The cost to regenerate sulfuric acid is substantially in excess of the cost of producing sulfuric acid. Regenerated sulfuric acid and sulfuric acid are produced in the same plant at the same time.

We are obligated to manufacture a customer's requirements for certain resins utilized in the automotive industry under long-term manufacturing agreements which may be terminated on December 31 of any year upon two years prior written notice.

We are obligated to sell and, subject to certain exceptions, an aerospace customer is obligated to

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buy its requirements of various specialty materials for products related to certain aircraft programs, under an agreement which is scheduled to expire at the end of 2013. The agreement specifies price which is fixed annually.

The Cytex Engineered Materials segment is party to a number of long-term supply and pricing agreements that cover various time periods. Such agreements are common practice in the aerospace and aircraft manufacturing industries.

We frequently enter into long-term agreements in order to lock-in price and availability of raw materials and services required to operate our businesses. At December 31, 2005, obligations under such agreements totaled \$51.9.

We had \$46.6 of outstanding letters of credit, surety bonds and bank guarantees at December 31, 2005 that are issued on our behalf in the ordinary course of business to support certain of our performance obligations and commitments. The instruments are typically renewed on an annual basis.

12. INCOME TAXES

The income tax provision (benefit) is based on earnings (losses) from continuing operations before income taxes and, in 2003, before the cumulative effect of accounting change as follows:

	2005	2004	2003
U. S.	\$(22.3)	\$105.1	\$ 68.7
Non-U.S.	65.8	67.3	60.7
Total	43.5	\$172.4	\$129.4

The components of the income tax provision (benefit) are as follows:

	2005	2004	2003
Current:			
U. S. Federal	\$ (8.6)	\$ 6.3	\$ 1.9
Non-U.S.	27.3	12.8	16.2
Other, principally state	1.5	2.2	1.4
Total	20.2	21.3	19.5
Deferred:			
U. S. Federal	(8.3)	20.3	10.4
Non-U.S.	(23.5)	(0.1)	0.9
Other, principally state	(2.8)	(0.1)	5.8
Total	(34.6)	20.1	17.1
Total income tax provision (benefit)	\$(14.4)	\$ 41.4	\$ 36.6

Income taxes paid in 2005, 2004 and 2003 were \$64.4, \$16.6 and \$14.7, respectively and include non-U.S. taxes of \$59.8, \$15.7 and \$12.0 in 2005, 2004 and 2003, respectively. For 2005, \$19.9 of pre-acquisition income taxes were paid by the acquired Surface Specialties entities of which \$19.4 has been reimbursed to us from UCB.

U. S. and non-U.S. earnings (losses) of consolidated companies, before income taxes, include all earnings derived from operations in the respective U.S and non-U.S. geographic areas; whereas provisions (benefits) for income taxes include all income taxes payable to (receivable from) U.S. Federal, non-U.S. and other governments as applicable, regardless of the situs in which the taxable income (loss) is generated. The temporary differences that give rise to a significant portion of deferred tax assets and liabilities were as follows:

December 31,	2005	2004
Deferred tax assets:		
Allowance for bad debts	\$ 4.8	\$ 2.5
Self insurance accruals	24.5	26.4
Operating accruals	14.4	14.9
Environmental accruals	32.1	26.7
Pension and postretirement benefit liabilities	164.0	149.1
Employee benefit accruals	15.4	18.9
Tax credit carry forwards	18.4	13.9
Net operating losses	39.4	13.1
Other	25.2	4.0
Gross deferred tax assets	338.2	269.5
Valuation allowance	(23.2)	(12.2)
Total net deferred tax assets	315.0	257.3
Deferred tax liabilities:		
Inventory	(7.5)	(11.1)
Plants, equipment and facilities	(180.6)	(124.4)
Insurance receivables	(11.3)	(13.4)
Intangibles	(158.4)	(30.4)
Other	(8.9)	(0.1)
Gross deferred tax liabilities	(366.7)	(179.4)
Net deferred tax assets / (liabilities)	\$ (51.7)	\$ 77.9

The American Jobs Creation Act of 2004 (the "Act") introduced a special one-time dividend received deduction on the repatriation of certain foreign earnings to a U.S. taxpayer provided certain criteria are met. We completed our evaluation of this repatriation provision in 2005 and concluded that no earnings will be repatriated under the Act. In

addition, at December 31, 2005 no provision has been made for U.S. or additional non-U.S. taxes on the undistributed earnings of international subsidiaries totaling \$476.2 since we intend to reinvest these earnings. It is not practicable to calculate the unrecognized deferred tax liability on such earnings. U.S. foreign tax credits would be available to substantially reduce any amount of additional U.S. tax that might be payable on these earnings in the event of a distribution.

We have U.S. research and development tax credit carryforwards of \$5.0 available as of December 31, 2005 to offset future U.S. tax liabilities. These carryforwards begin to expire at various dates starting in 2022 through 2025. U.S. foreign tax credit carryforwards of \$7.0 are available to offset future U.S. tax liabilities. The Act extended the period of time over which U.S. foreign tax credits may be carried forward from five years to ten years. Accordingly, such U.S. foreign tax credits will now expire at various dates starting in 2011 through 2015. We also have \$3.4 of state tax credits of which \$2.4 will be carried forward indefinitely with the balance to expire at various dates starting in 2006. Additionally, we have \$3.0 of foreign jurisdiction tax credits mainly related to our operations in Belgium and Mexico, of which \$0.7 will expire in 2007 with the balance having an unlimited carryforward period.

At December 31, 2005, we have U.S. federal income tax net operating loss carryforwards of \$9.3 relating to a 1998 acquisition available to offset future taxable income. Utilization of those loss carryforwards is limited under certain provisions of the Internal Revenue Code. The carryforwards begin to expire at various dates starting in 2010 through 2018. In addition, we have foreign net operating losses totaling \$24.1, primarily related to our operations in Europe, Canada and China. These net operating losses are available to offset future taxable income in the respective foreign countries. Of the total carryforwards, approximately \$5.9 expire at various dates starting in 2006 through 2013, while \$18.2 can be utilized over an indefinite period.

Our long-term earnings trend makes it more likely than not that we will generate sufficient taxable income on a consolidated basis to realize our

deferred tax assets with the exception of certain state net operating losses and state tax credits, and various foreign deferred tax assets. Accordingly, we have recorded a valuation allowance of \$23.2 and \$12.2 as of December 31, 2005 and 2004. For 2005, the \$11.0 valuation allowance activity primarily consisted of a \$0.6 decrease for various stated deferred tax assets, offset by an increase to the valuation allowance for foreign net operating losses and other foreign deferred tax assets (\$3.0), and acquired Surface Specialties deferred tax assets (\$8.6), the latter of which was recorded as an offset to goodwill. As of December 31, 2005, \$15.7 of the valuation allowance is attributable to U.S. state tax attributes and \$7.5 primarily relates to foreign net operating losses.

The Internal Revenue Service (the "IRS") has completed and closed its audits of our tax returns through 2001. In January, 2005, we were notified that the Congressional Joint Committee on Taxation (the "Joint Committee") approved the final IRS examination findings for the years 1999 through 2001. Joint Committee also approved a separate tax refund claim filed by us for 1998 at that time. The approval by Joint Committee resulted in a tax refund of approximately \$0.2 and \$0.1 for the years 1998 and 2000 respectively, which was recorded in 2005. As a result of the resolution of these audits, we also recorded a reduction in tax expense of approximately \$16.2. The IRS is also currently conducting audits of our tax returns for the years 2002 and 2003. We believe that adequate provisions for all outstanding issues have been made for all open years.

In May, 2005, we received a final notice from the Norwegian Assessment Board disclosing an increase to taxable income with respect to a 1999 restructuring of certain of our European operations. The tax liability attributable to this assessment, excluding interest and possible penalties, was approximately 84.0 Norwegian krone (\$12.4). This final assessment reflects a 20.7 Norwegian krone decrease in the assessed tax liability compared with the prior audit report issued by the tax authorities. As a result, we recorded a corresponding reduction in tax expense of approximately \$4.2, including interest, to reflect such final assessment. We have retained tax

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counsel to assist in our defense of the final assessment since the issue will likely be litigated given our vigorous defense in protesting the increase of taxable income.

We also received a separate notice from the Norwegian tax authorities in 2005 disclosing a complete termination of pleadings regarding a potential Norway permanent establishment ("PE") with respect to an affiliate of one of our subsidiaries. Given the favorable resolution of this PE issue with respect to one of our subsidiaries, we have adjusted our tax contingency reserves accordingly and recorded a reduction in tax expense of \$5.4, including interest, in the second quarter ended June 30, 2005.

Notwithstanding our meritorious defenses in these matters, in prior years as these matters developed, we accrued for the potential unfavorable outcome of this dispute for the full amount of the tax liability of the assessment including interest thereon.

In October 2005, we received notice from the Norwegian authorities demanding a tax payment of 56.0 Norwegian krone (\$8.5) plus accrued interest with respect to the 1999 restructuring. We remitted this deposit with the tax authorities pending final resolution of this matter. Based on the Norwegian demand notice, we also determined that \$22.0 Norwegian krone (\$3.3) related to this issue will be remitted in subsequent tax return filings without an interest charge until this dispute is resolved. In light of these events, we reevaluated our total liability (including interest) on the potential unfavorable outcome of this dispute, and recorded a reduction in tax expense of 16.9 Norwegian krone (\$2.6) to adjust the interest component of this liability accordingly. Assuming the dispute resolution process follows a normal course, a complete resolution of the Norwegian issue will probably occur in late 2006 or early 2007.

A reconciliation of our effective tax rate to the U.S. federal income tax rate is as follows:

	2005	2004	2003
Federal income tax rate	35.0%	35.0%	35.0%
Research and development credit	(5.2)	(1.8)	(3.2)
Income subject to other than the federal income tax rate	(21.1)	(7.1)	(6.3)
Change in tax rates	(1.1)	(1.1)	-
State taxes, net of federal benefits	(3.7)	(2.8)	2.0
Valuation allowance	5.6	4.4	3.6
Acquired in-process research and development write-off	29.8	-	-
Extraterritorial income exclusion	(7.8)	(1.8)	(1.6)
Favorable resolution of prior year audits	(65.0)	-	-
Other (credits) charges, net	0.5	(0.8)	(1.2)
Effective tax rate	(33.0)%	24.0%	28.3%

Our 2005 effective tax rate was favorably impacted by hedging losses incurred in the U.S. in connection with the Surface Specialties acquisition, the MOPPRS redemption, and reduction in tax expense due to the completion of tax audits for various years as discussed above. The rate was unfavorably impacted by the write-off of acquired in-process research and development expenses related to the Surface Specialties acquisition for which there is no tax benefit, and the increase in the valuation allowance for certain state and foreign deferred tax assets.

In 2003 a tax benefit of \$7.3 was allocated to the cumulative effect of accounting change and, in 2005 tax expense of \$0.8 related to discontinued operations.

Tax benefits on stock option exercises of \$5.5, \$11.7 and \$7.9 were allocated directly to stockholders' equity for 2005, 2004 and 2003, respectively.

13. EMPLOYEE BENEFIT PLANS

We have defined benefit pension plans that cover employees in a number of countries. Almost all of the plans provide defined benefits based on years of service and career average salary. We also sponsor postretirement and post employment benefit plans in certain countries. The postretirement plans provide medical and life insurance benefits to retirees who meet minimum

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age and service requirements. The medical plans are contributory and non-contributory with certain participant's contributions adjusted annually; the life insurance plans are non-contributory. The accounting for the postretirement plans anticipates future cost-sharing and changes to the plans. The postretirement plans include a cap on our share of costs for recent and future retirees. The post employment plans provide salary continuation, disability related benefits, severance pay and continuation of health costs during the period after employment but before retirement.

The enactment of The Medicare Prescription Drug, Improvement and Modernization Act of 2003 resulted in a reduction of our accumulated postretirement benefit obligation ("APBO") of approximately \$31.7 in 2004, which we recognized as a reduction in unrecognized net actuarial loss. This reduction in the APBO results from an ongoing

tax-free government subsidy beginning in 2006, for prescription drug benefits provided to plan participants if such benefits are determined to be actuarially equivalent to those offered by Medicare. Based on the current guidance of determining actuarial equivalence, we have been able to determine that some of the plan participants qualify for the subsidy. We amortize the unrecognized net actuarial loss over the average remaining service life of employees eligible for postretirement medical benefits. The net periodic postretirement benefit cost was reduced by \$3.9 and \$2.4, respectively, for the years ended December 31, 2005 and 2004.

We use a measurement date of December 31 for the U.S. and Canadian pension and postretirement benefit plans and use a measurement date of November 30 for the majority of all other pension plans.

	Pension Plans			Postretirement Plans		
	2005	2004	2003	2005	2004	2003
Net periodic cost:						
Service cost	\$21.4	\$14.4	\$12.5	\$1.3	\$1.0	\$1.4
Interest cost	41.3	34.7	32.5	13.7	14.3	16.6
Expected return on plan assets	(42.1)	(38.9)	(35.5)	(4.7)	(4.9)	(5.0)
Net amortization and deferral	15.8	7.8	3.4	(10.6)	(10.6)	(10.7)
Curtailment/Settlement	(2.7)	-	-	-	-	-
Net periodic expense (credit)	\$33.7	\$18.0	\$12.9	\$(0.3)	\$(0.2)	\$2.3
Weighted-average assumptions used to determine net periodic cost, during the year:						
Discount rate	5.4%	6.0%	6.4%	5.8%	6.3%	6.8%
Expected return on plan assets	7.7%	8.0%	8.1%	6.5%	6.5%	6.5%
Rate of compensation increase	3%-10%	3%-10%	3%-10%	-	-	-
Weighted-average assumptions used to determine benefit obligations, end of the year:						
Discount rate	5.3%	5.6%	6.1%	5.6%	5.8%	6.3%
Rate of compensation increase	3%-10%	3%-10%	3%-10%			

The expected rate of return on U.S. plan assets was determined by examining the annualized rates of return over the past five and ten year periods for the major U.S. stock and bond indexes and the estimated long-term asset mix of the plan assets of 55%-65% stocks and 35%-45% bonds, including cash equivalents ("fixed income securities"). Since the long-term average annualized return is approximately 9%-11% for stocks and 5%-7% for fixed income securities, the expected long-term weighted average return was estimated to be 8.5%

for the U.S. pension plans in 2005 and 2004. This return is based on an assumed allocation of assets of 62% stocks and 38% in fixed income securities, with long-term investment returns of 10% and 6%, respectively. The expected long-term weighted average return on all of our pension plans, including the U.S. plans, was 7.7% and 8.0% 2005 and 2004, respectively. For postretirement plans, all of which are assets held in the U.S., the expected rate of return was 6.5% in 2005 and 2004, based on the same investment return

assumptions and an assumed asset allocation of 55% in stocks and 45% fixed income securities in 2005 and 2004. The investment strategy for our worldwide benefit plan assets is to maintain broadly-diversified portfolios of stocks, bonds and money market instruments that, along with periodic plan contributions, provide the necessary liquidity for ongoing benefit obligations.

The expected return on non-U.S. plan assets is also based on the historical rates of return of the

various asset classes in each country and the corresponding asset mix. In the Netherlands, where we have our largest non-U.S. pension plan, the assumed rate of return was 6.25% in 2005. This return is based on assumed rates of return of 9% for stocks and 5% for fixed income securities and an assumed asset allocation of 31% stocks and 69% fixed income securities.

	Pension Plans			Postretirement Plans		
	2005	2004	2003	2005	2004	2003
Change in benefit obligation:						
Benefit obligation at January 1	\$ 646.2	\$ 565.4	\$ 489.1	\$ 248.6	\$ 271.5	\$ 253.6
Addition of plans	-	2.1	0.7	-	-	-
Service cost	21.4	14.4	12.5	1.3	1.0	1.4
Interest cost	41.3	34.7	32.5	13.7	14.3	16.6
Amendments	2.4	(0.1)	(0.2)	-	-	-
Acquisitions	137.4	-	18.2	-	-	2.7
Translation difference	(29.0)	10.2	16.1	-	0.1	0.1
Actuarial gains/(losses)	42.2	44.5	21.2	14.9	(15.7)	20.1
Employee contributions	1.4	0.9	0.5	4.0	3.4	2.6
Benefits paid	(31.8)	(25.9)	(25.2)	(24.4)	(26.0)	(25.6)
Curtailements/Settlements	(1.0)	-	-	-	-	-
Benefit obligation at December 31	\$ 830.5	\$ 646.2	\$ 565.4	\$ 258.1	\$ 248.6	\$ 271.5
Accumulated benefit obligation at December 31	\$ 769.7	\$ 617.3	\$ 544.2	\$ -	\$ -	\$ -
Change in plan assets:						
Fair value of plan assets at January 1	\$ 485.3	\$ 430.5	\$ 350.0	\$ 71.6	\$ 74.6	\$ 70.5
Addition of multiple plans	-	-	0.3	-	-	-
Actual return on plan assets	39.1	39.2	52.5	3.0	3.8	8.3
Company contributions	14.4	32.2	27.5	15.9	15.8	18.7
Employee contributions	1.4	0.9	0.5	4.0	3.4	2.7
Acquisitions	65.8	-	10.7	-	-	-
Translation difference	(20.0)	8.4	14.2	-	-	-
Benefits paid	(31.3)	(25.9)	(25.2)	(24.3)	(26.0)	(25.6)
Fair value of plan assets at December 31	\$ 554.7	\$ 485.3	\$ 430.5	\$ 70.2	\$ 71.6	\$ 74.6
Funded status:	\$ (275.8)	\$ (160.9)	\$ (134.9)	\$ (187.9)	\$ (177.0)	\$ (196.9)
Unrecognized actuarial losses	241.3	212.4	174.1	37.3	20.6	35.0
Unrecognized prior service cost	0.7	0.9	0.3	(63.9)	(74.5)	(85.1)
Other contributions	0.7	-	-	-	-	-
Unrecognized net transition obligation	4.0	-	-	-	-	-
Net amount recognized	\$ (29.1)	\$ 52.4	\$ 39.5	\$ (214.5)	\$ (230.9)	\$ (247.0)
Amounts recognized in the consolidated balance sheets consists of:						
Prepaid benefit cost	\$ 15.7	\$ 24.1	\$ 10.6	\$ -	\$ -	\$ -
Accrued benefit cost	(239.7)	(147.9)	(118.1)	(214.5)	(230.9)	(247.0)
Intangible asset	5.4	5.6	6.2	-	-	-
Accumulated other comprehensive income, exclusive of deferred taxes	189.5	170.6	140.8	-	-	-
Net amount recognized	\$ (29.1)	\$ 52.4	\$ 39.5	\$ (214.5)	\$ (230.9)	\$ (247.0)

The accrued postretirement benefit cost recognized in the consolidated balance sheets at December 31, 2005 and 2004 includes \$20.0 in accrued expenses at each date with the balance reported in pension and other postretirement benefit liabilities.

We recorded a non-cash after-tax minimum pension liability adjustment charge of \$7.1 and \$11.5 to Other Comprehensive Income in 2005 and 2004, respectively, and a credit of \$1.2 in 2003. The charges to Other Comprehensive Income did

not trigger any special funding requirements. As of December 31, 2005, \$4.2 was owed to one of our U.S. pension plans and is due on or before September 15, 2006.

The assumed rate of future increases in the per capita cost of healthcare benefits (healthcare cost trend rate) is 9.0% in 2006, decreasing to ultimate trend of 5.0% in 2010. The healthcare cost trend rate has a significant effect on the reported amounts of accumulated postretirement benefit

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obligation ("APBO") and related expense. A 1.0% change in assumed health care cost trend rates would have the following effect:

	2005		2004	
	1% Increase	1% Decrease	1% Increase	1% Decrease
Approximate effect on the total of service and interest cost components of other postretirement benefit cost	\$ 1.5	\$ (1.2)	\$ 1.5	\$ (1.2)
Approximate effect on accumulated postretirement benefit obligation	\$24.8	\$(21.4)	\$23.9	\$(21.2)

The following information is presented for those plans with an accumulated benefit obligation in excess of plan assets:

	U.S. Plans		Non-U.S. Plans		Total	
	2005	2004	2005	2004	2005	2004
December 31,						
Projected benefit obligation	\$(544.5)	\$(506.2)	\$(201.1)	\$(68.4)	\$(745.6)	\$(574.6)
Accumulated benefit obligation	(524.0)	(489.0)	(168.9)	(63.8)	(692.9)	(552.8)
Fair value of plan assets	369.6	369.9	107.5	48.9	477.1	418.8

The asset allocation for our U.S. pension plans and postretirement plans at the end of 2005 and 2004, and the target allocation for 2006, by asset category, are as follows:

Asset Category	U.S. Pension Plans		
	Target Allocation	Percentage of Plan Assets at Year End	
	2006	2005	2004
Equity Securities	66%	67%	63%
Fixed Income	34%	33%	37%
Total	100%	100%	100%

Asset Category	Postretirement Plans		
	Target Allocation	Percentage of Plan Assets at Year End	
	2006	2005	2004
Equity Securities	55%	55%	55%
Fixed Income	45%	45%	45%
Total	100%	100%	100%

Asset Category	Non-U.S. Pension Plans		
	Target Allocation	Percentage of Plan Assets at Year End	
	2006	2005	2004
Equity Securities	41%	37%	41%
Fixed Income	47%	53%	52%
Cash and other	12%	10%	7%
Total	100%	100%	100%

The total fair value of U.S. pension and postretirement plan assets was \$439.8 and \$441.5 at December 31, 2005 and 2004. We use a

combination of active and passive stock and bond managers to invest the assets of pension and postretirement plans. The managers are selected based on an analysis of, among other things, their historical investment results, frequency of management turnover, cost structure, and assets under management. Assets are periodically reallocated among the investment managers to maintain the appropriate asset mix and occasionally transferred to new or existing managers in the event that a manager is terminated.

The following table reflects expected cash flows for the U.S. pension and postretirement benefit plans:

Expected Employer Contributions	Pension Plans	Postretirement Plans
2006	\$10.2	\$19.3

The following table reflects total benefits expected to be paid from the plan and / or our assets:

Expected Benefit Payments	Pension Benefits	Postretirement Benefits Prior to Medicare Part D Subsidy	Postretirement Benefits Anticipated Medicare Part D Subsidy
2006	\$ 23.6	\$ 22.3	\$ 3.0
2007	24.7	22.9	3.2
2008	25.8	23.1	3.3
2009	27.2	23.2	3.4
2010	28.7	23.3	3.5
2011-2015	174.1	114.2	18.5

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The following table reflects the expected cash flows for the non-U.S. plans:

Expected Employer Contributions	Pension Plans	Postretirement Plans
2006	\$13.6	\$0.1

The following table reflects the total benefits expected to be paid from the plans and/or our assets:

Expected Benefit Payments	Pension Benefits	Postretirement Benefits
2006	\$ 8.2	\$0.1
2007	7.6	0.1
2008	9.0	0.1
2009	9.1	0.1
2010	9.8	0.1
2011-2015	46.0	0.8

We also sponsor various defined contribution retirement plans in a number of countries, consisting primarily of savings, profit growth and profit sharing plans. Contributions to the savings plans are based on matching a percentage of employees' contributions. Contributions to the profit growth and profit sharing plans are generally based on our financial performance. Amounts expensed related to these plans are as follows:

	2005	2004	2003
U.S.			
Profit Growth Sharing Savings Plan	\$ 3.0	\$ 9.1	\$ 5.5
	8.0	7.0	6.1
Total	\$11.0	\$16.1	\$11.6
Non-U.S.			
Others	\$ 2.7	\$ 1.2	\$ 1.2

We also sponsor post employment plans that, in certain circumstances, provide salary continuation, disability related benefits, severance pay and continuation of health care coverage during the period after employment but before retirement.

Certain of our benefit plans provide for enhanced benefits in the event of a "change of control" as defined in the plans.

14. OTHER

Following are our accrued expenses:

December 31,	2005	2004
Employee benefits	\$ 18.2	\$ 30.1
Other postretirement employee benefits	20.0	20.0
Salaries and wages	45.1	19.1
Taxes other than income taxes	8.9	7.2
Environmental	7.5	10.0
Interest	12.5	7.8
Restructuring costs	10.2	0.1
Customer rebates	18.3	4.4
All other	77.6	79.4
Total	\$218.3	\$178.1

The balance in due from related party of \$8.0 represents amounts to be received from UCB for certain preacquisition tax liabilities which we have or will pay in connection with the acquisition of Surface Specialties. Additionally, in connection with certain transition services agreements entered into with UCB in connection with the acquisition of Surface Specialties, included in accrued expenses at December 31, 2005 are \$0.8 related to such agreements. Through December 31, 2005, results of operations reflect expenses of \$12.5 recognized under these agreements.

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15. COMMON STOCK

We are authorized to issue 150 million shares of common stock with a par value of \$.01 per share, of which 46,298,828 shares were outstanding at December 31, 2005. A summary of changes in common stock issued and treasury stock is presented below.

	Common Stock	Treasury Stock
Balance at December 31, 2002	48,132,640	9,332,671
Purchase of treasury stock	-	838,200
Issuance pursuant to stock option plan	-	(1,079,792)
Awards of performance stock and restricted stock	-	(80,731)
Forfeitures and deferrals of stock awards	-	129,549
Balance at December 31, 2003	48,132,640	9,139,897
Purchase of treasury stock	-	388,300
Issuance pursuant to stock option plan	-	(1,217,487)
Awards of performance stock and restricted stock	-	(64,654)
Forfeitures and deferrals of stock awards	-	51,807
Balance at December 31, 2004	48,132,640	8,297,863
Issuance related to acquisition of Surface Specialties	-	(5,772,857)
Issuance pursuant to stock option plan	-	(688,736)
Awards of performance stock and restricted stock	-	(53,345)
Forfeitures and deferrals of stock awards	-	50,887
Balance at December 31, 2005	48,132,640	1,833,812

Treasury stock, when reissued, is relieved at the average cost of the shares in treasury.

In January 2004, the Board of Directors approved the initiation of a common stock quarterly cash dividend program. During 2005 and 2004, four quarterly cash dividends of \$0.10 per share were declared and paid totaling \$17.8 and \$15.7, respectively. No cash dividends on common shares were declared or paid during 2003.

On February 9, 2006, the Board of Directors declared a quarterly cash dividend of \$0.10 per

common share, payable on March 15, 2006 to stockholders of record as of February 27, 2006.

In March 2003, we announced an authorization to repurchase up to an additional \$100.0 of our outstanding common stock. Repurchases were made from time to time on the open market or in private transactions and the shares obtained under this authorization are anticipated to be utilized for stock option plans, benefit plans and other corporate purposes. During 2004, we repurchased 388,300 shares of our common stock at a cost of \$13.1. During 2003, we repurchased 838,200 shares of our stock at a cost of \$27.7 that completed the previous stock repurchase authorization and included \$18.1 under the new authorization. In connection with the acquisition of Surface Specialties, we suspended the stock buy-back program and do not anticipate making future stock buy-backs for at least two years from the closing date in order to maximize the funds available for debt service and other corporate purposes.

Stock Award and Incentive Plan: The 1993 Stock Award and Incentive Plan (the "1993 Plan") provides for grants of a variety of awards, such as stock options (including incentive stock options and nonqualified stock options), restricted stock (including performance shares), stock appreciation rights (including those settled with common shares) and deferred stock awards and dividend equivalents. In addition, automatic formula grants of restricted stock and nonqualified stock options are awarded to non-employee directors. At December 31, 2005, there are approximately 6,889,999 shares reserved for issuance under the 1993 Plan.

We have utilized the stock option component of the 1993 Plan to provide for the granting of nonqualified stock options at 100% of the market price on the date the option is granted. Options are generally exercisable in cumulative installments of 33 1/3% per year commencing one year after the date of grant and annually thereafter, with contract lives of generally 10 years from the date of grant.

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A summary of stock options activity is presented below.

	2005		2004		2003	
	Shares	Weighted Average Exercise Price	Shares	Weighted Average Exercise Price	Shares	Weighted Average Exercise Price
Shares under option:						
Outstanding at beginning of year	5,344,434	\$30.47	6,320,110	\$28.31	6,692,689	\$26.15
Granted	534,900	47.61	545,070	37.14	873,600	27.06
Exercised	(688,736)	25.88	(1,217,487)	20.20	(1,079,792)	13.44
Forfeited	(52,675)	38.88	(303,259)	38.57	(166,387)	31.68
Outstanding at end of year	5,137,923	\$35.45	5,344,434	\$30.47	6,320,110	\$28.31
Options exercisable at end of year	4,036,177	\$30.89	4,049,069	\$30.40	4,687,172	\$28.64

The following table summarizes information about stock options outstanding and exercisable at December 31, 2005:

Range of Exercise Prices	Options Outstanding			Options Exercisable		
	Outstanding	Weighted Average Remaining Contractual Life (Years)	Weighted Average Exercise Price	Number Exercisable	Weighted Average Exercise Price	
\$ 6.46	1,859	2.36	\$ 6.46	1,859	\$ 6.46	
20.44	593,180	3.06	20.44	593,180	20.44	
23.31-28.56	1,810,550	5.40	25.28	1,566,951	25.05	
29.56-35.09	676,752	5.12	33.25	673,416	33.25	
36.25-38.62	523,231	7.86	37.18	186,720	37.29	
40.00-44.50	620,451	1.15	40.28	620,451	40.28	
46.94-49.39	901,400	6.09	47.74	384,600	47.94	
53.29-55.00	10,500	3.34	54.76	9,000	55.00	
\$ 6.46-55.00	5,137,923	4.95	\$ 35.45	4,036,177	\$ 30.89	

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As provided under the 1993 Plan, we have also issued restricted stock and performance stock. Restricted shares are subject to certain restrictions on ownership and transferability that lapse upon vesting. Performance share payouts are based on the attainment of certain financial performance objectives and may vary depending on the degree to which the performance objectives are met. Performance shares awarded in 2003, 2004 and 2005 relate to the 2005, 2006 and 2007 performance periods, respectively. The total amount of stock-based compensation expense recognized for restricted stock and performance stock was \$2.7 in 2005, \$4.6 in 2004 and \$2.0 in 2003. A summary of restricted stock and performance stock activity is as follows:

	2005	2004	2003
Outstanding awards – beginning of year	210,401	230,580	297,655
New awards granted	53,345	65,204	80,731
Shares with restrictions lapsed ⁽¹⁾	(54,006)	(15,159)	(13,739)
Restricted shares forfeited	(5,000)	(70,224)	(134,067)
Outstanding awards – end of year	204,740	210,401	230,580
Weighted average market value of new awards on award date	\$ 47.92	\$ 36.84	\$ 26.93

⁽¹⁾ Shares with restrictions that lapsed in each period above include shares deferred by certain participants. We issued these participants equivalent deferred stock awards that will be distributed in the form of shares of common stock, generally following termination of employment.

The compensation costs that have been charged against income for restricted stock and performance stock awards have been noted above. The effects of applying the fair value method provided under SFAS No. 123 are shown in Note 1 and are not necessarily indicative of future amounts.

In the event of a “change of control” (as defined in the 1993 Plan), (i) any award under the 1993 Plan carrying a right to exercise that was not previously exercisable and vested will become fully exercisable and vested, (ii) the restrictions, deferral limitations, payment conditions and forfeiture applicable to any other award granted under the 1993 Plan will lapse and such awards will be deemed fully vested and (iii) any performance

conditions imposed with respect to awards shall be deemed to be fully achieved.

The fair value of options granted before January 1, 2005 was estimated on the date of grant using the Black-Scholes option pricing model with the following weighted average assumptions:

	2004	2003
Expected life (years)	5.7	5.6
Expected volatility	46.6%	47.3%
Expected dividend yield	1.0%	–
Risk-free interest rate	3.4%	2.9%
Weighted average fair value of options granted during the year	\$ 16.21	\$ 12.69

For stock options granted after January 1, 2005, the fair value of each option award is estimated on the date of grant using a binomial-lattice option valuation model. The binomial-lattice model considers characteristics of fair value option pricing that are not available under the Black-Scholes model. Similar to the Black-Scholes model, the binomial model takes into account variables such as volatility, dividend yield rate, and risk free interest rate. However, in addition, the binomial model considers the contractual term of the option, the probability that the option will be exercised prior to the end of its contractual life, and the probability of termination or retirement of the option holder in computing the value of the option. For these reasons, we believe that the binomial-lattice model provides a fair value that is more representative of actual experience and future expected experience than the value calculated in previous years, using Black-Scholes. The assumptions for the year ended December 31, 2005 are noted in the following table:

	2005
Expected life (years)	5.8
Expected volatility	38.5%
Expected dividend yield	0.84%
Range of risk-free interest rate	2.1%–4.2%
Weighted average fair value per option granted during the year	\$ 17.78

16. PREFERRED STOCK

We are authorized to issue 20 million shares of preferred stock with a par value of \$.01 per share in one or more classes or series with rights and

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privileges as adopted by the Board of Directors. There were no shares of preferred stock outstanding at December 31, 2005 and 2004.

As of December 17, 1993, we had issued to Cyanamid, a subsidiary of Wyeth, eight million shares of preferred stock in conjunction with our spin-off from Cyanamid. Through September, 2004, only 4,000 shares of Series C Cumulative Preferred Stock (the "Series C Stock") had remained outstanding. The Series C Stock, which had a redemption value of \$25 per share, was redeemed on September 30, 2004 for \$10.0 in cash. A charge to net earnings available to common stockholders of \$9.9 was recorded as a premium paid to redeem preferred stock. The \$10.0 payment was not tax deductible. We also settled a series of disputed matters with Wyeth at a cost of \$2.0 which was recorded during 2004 in other income (expense), net. The Series C shares were subsequently retired. The Series C Stock had an annual dividend of \$1.83 per share (7.32%).

17. OPERATIONS BY SEGMENT AND GEOGRAPHIC AREAS AND IDENTIFIABLE ASSETS

Segments: We have restated segment information for all periods presented in order to reflect our current organizational structure as we announced in October 2005.

Cytec Performance Chemicals includes our water treatment chemicals, mining chemicals, phosphine and phosphorous specialties, polymer additives and specialty additives, urethanes, polyurethanes and pressure sensitive adhesives product lines. Cytec Surface Specialties includes low energy-cured (Radcure) resins, powder coating resins and liquid coating resins which includes various product lines such as water-borne resins and solvent based resins. Cytec Engineered Materials principally includes advanced composites and film adhesives. Building Block Chemicals principally includes acrylonitrile, hydrocyanic acid, acrylamide, sulfuric acid and melamine.

The accounting policies of the reportable segments are the same as those described in Note 1. All intersegment sales prices are cost based. We evaluate the performance of our operating segments primarily based on earnings from operations of the respective segment.

Following is selected information in relation to our continuing operations for the periods indicated:

	Cytec Performance Chemicals	Cytec Surface Specialities	Cytec Engineered Materials	Building Block Chemicals	Total Segments
2005					
Net sales to external customers	\$855.8	\$1,244.1	\$ 541.6	\$284.2	\$2,925.7
Intersegment net sales	5.6	—	—	85.3	90.9
Total net sales	861.4	1,244.1	541.6	369.5	3,016.6
Earnings from operations	56.6	22.0	103.0	5.7	187.3
Percentage of sales	6.6%	1.8%	19.0%	1.5%	6.2%
Total assets	864.6	1,970.5	532.2	192.0	3,559.3
Capital expenditures	46.2	27.9	19.3	10.9	104.3
Depreciation and amortization	38.0	58.6	11.0	24.4	132.0
2004					
Net sales to external customers	\$712.7	\$ 261.0	\$ 487.0	\$260.6	\$1,721.3
Intersegment net sales	5.0	—	—	85.0	90.0
Total net sales	717.7	261.0	487.0	345.6	1,811.3
Earnings from operations	57.5	28.7	83.4	15.6	185.2
Percentage of sales	8.0%	11.0%	17.1%	4.5%	10.2%
Total assets	713.0	165.0	515.4	189.7	1,583.1
Capital expenditures	43.0	12.6	19.1	12.2	86.9
Depreciation and amortization	37.5	13.7	10.7	25.5	87.4
2003					
Net sales to external customers	\$623.6	\$ 228.4	\$ 408.7	\$211.1	\$1,471.8
Intersegment net sales	—	—	—	65.7	65.7
Total net sales	623.6	228.4	408.7	276.8	1,537.5
Earnings from operations	35.7	23.7	66.0	21.9	147.3
Percentage of sales	5.7%	10.4%	16.1%	7.9%	9.6%
Total assets	612.9	214.6	478.9	197.5	1,503.9
Capital expenditures	51.2	12.9	18.3	10.0	92.4
Depreciation and amortization	36.5	13.8	11.3	27.3	88.9

The following table provides a reconciliation of selected segment information to corresponding amounts contained in our consolidated financial statements:

	2005	2004	2003
Net sales:			
Net sales from segments	\$3,016.6	\$1,811.3	\$1,537.5
Elimination of intersegment revenue	(90.9)	(90.0)	(65.7)
Total consolidated net sales	\$2,925.7	\$1,721.3	\$1,471.8
Earnings from operations:			
Earnings from segments ⁽¹⁾	\$ 187.3	\$ 185.2	\$ 147.4
Corporate unallocated ⁽²⁾	(26.8)	(17.5)	(3.3)
Total consolidated earnings from operations	\$ 160.5	\$ 167.7	\$ 144.1
Total assets:			
Assets from segments	\$3,559.3	\$1,583.1	
Other assets ⁽³⁾	251.2	668.5	
Total consolidated assets	\$3,810.5	\$2,251.6	

(1) Includes \$37.0 write-off of acquired in-process research and development costs and \$20.8 representing the excess of the fair market value of the finished goods inventory of the acquired business over normal manufacturing costs (see Note 2).

(2) Includes \$16.8 of restructuring charges in 2005 (see Note 3), and \$8.0 in 2004 relating to the settlement of a class action law suit on behalf of purchasers of carbon fiber and other related matters (see Note 11).

(3) Includes cash and cash equivalents at December 31, 2005 and 2004 of \$68.6 and \$323.8, respectively.

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Operations by Geographic Areas: Net sales to unaffiliated customers presented below are based upon the sales destination, which is consistent with how we manage our businesses. U.S. exports included in net sales are based upon the sales destination and represent direct sales of U.S. based entities to unaffiliated customers outside of the United States. Earnings from operations are also based upon destination and consist of total net sales less operating expenses. Identifiable assets are those assets used in our operations in each geographic area. Unallocated assets are primarily cash and cash equivalents, miscellaneous receivables, construction in progress and the fair values of derivatives.

	2005	2004	2003
Net Sales			
United States	\$1,095.3	\$ 802.4	\$ 719.7
Other Americas	257.4	188.0	151.6
Asia / Pacific	401.7	261.9	211.1
Europe, Middle East and Africa	1,171.3	469.0	389.4
Total	\$2,925.7	\$1,721.3	\$1,471.8
U.S. exports included in net sales above			
Other Americas	\$ 82.1	\$ 70.7	\$ 47.8
Asia / Pacific	88.7	102.7	85.2
Europe, Middle East and Africa	90.6	61.0	53.6
Total	\$ 261.4	\$ 234.4	\$ 186.6
Earnings from operations			
United States ⁽¹⁾	\$ 17.4	\$ 69.7	\$ 58.3
Other Americas	48.7	31.2	27.3
Asia / Pacific	39.5	30.3	22.0
Europe, Middle East and Africa	54.9	36.5	36.5
Total	\$ 160.5	\$ 167.7	\$ 144.1
Identifiable assets			
United States	\$1,576.5	\$1,001.9	
Other Americas	183.6	148.1	
Asia and Pacific	223.3	82.7	
Europe, Middle East and Africa	1,482.5	306.5	
Total	3,465.9	1,539.2	
Equity in net assets of and advances to associated companies	20.3	85.5	
Unallocated assets ⁽²⁾	324.3	626.9	
Total assets	\$3,810.5	\$2,251.6	

(1) In 2005, includes a \$37.0 write-off in of acquired in-process research and development costs, \$20.8 representing the excess of the fair market value of the finished goods inventory of the acquired business over normal manufacturing costs (see Note 2), and \$8.0 in 2004 relating to the settlement of a class action lawsuit in the U.S. on behalf of purchasers of carbon fiber and other related matters (see Note 11).

(2) Includes cash and cash equivalents at December 31, 2005 and 2004 of \$68.6 and \$323.8, respectively.

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18. RISKS AND UNCERTAINTIES

Our revenues are largely dependent on the continued operation of our various manufacturing facilities. There are many risks involved in operating chemical manufacturing plants, including the breakdown, failure or substandard performance of equipment, operating errors, natural disasters, the need to comply with directives of, and maintain all necessary permits from, government agencies and potential terrorist attack. Our operations can be adversely affected by labor force shortages or work stoppages and events impeding or increasing the cost of transporting our raw materials and finished products. The occurrence of material operational problems, including but not limited to the above events, may have a material adverse effect on the productivity and profitability of a particular manufacturing facility. With respect to certain facilities, such events could have a material effect on our company as a whole.

Our operations are also subject to various hazards incident to the production of industrial chemicals. These include the use, handling, processing, storage and transportation of certain hazardous materials. Under certain circumstances, these hazards could cause personal injury and loss of life, severe damage to and destruction of property and equipment, environmental damage and suspension of operations. Claims arising from any future catastrophic occurrence at one of our locations may result in Cytec being named as a defendant in lawsuits asserting potentially large claims.

We perform ongoing credit evaluations of our customers' financial condition and generally require no collateral from our customers. We are exposed to credit losses in the event of nonperformance by counterparties on derivative instruments. The counterparties to these transactions are major financial institutions, thus we consider the risk of default to be minimal. We typically do not require collateral or other security to support potential credit risk.

International operations are subject to various risks which may not be present in U.S. operations. These risks include political instability, the possibility of expropriation, restrictions on royalties, dividends and remittances, instabilities of currencies, requirements for governmental approvals for new ventures and local participation in operations such as local equity ownership and workers' councils. Currency fluctuations between the U.S. dollar and the currencies in which we do business have caused and will continue to cause foreign currency transaction gains and losses, which may be material. While we do not currently believe that we are likely to suffer a material adverse effect on our results of operations in connection with our existing international operations, any of these events could have an adverse effect on our international operations in the future by reducing the demand for our products, affecting the prices at which we can sell our products or otherwise having an adverse effect on our operating performance.

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REPORTS OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors and Stockholders
Cytec Industries Inc.:

We have audited the accompanying consolidated balance sheets of Cytec Industries Inc. and subsidiaries (the "Company") as of December 31, 2005 and 2004, and the related consolidated statements of income, stockholders' equity and cash flows for each of the years in the three-year period ended December 31, 2005. In connection with our audits of the consolidated financial statements, we also have audited the consolidated financial statement schedule, "Schedule II – Valuation and Qualifying Accounts." These consolidated financial statements and financial statement schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements and financial statement schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 31, 2005 and 2004, and the results of their operations and their cash flows for each of the years in the three-year period ended December 31, 2005, in conformity with U.S. generally accepted accounting principles. Also in our opinion, the related financial statement

schedule, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly, in all material respects, the information set forth therein.

As discussed in Note 11 to the consolidated financial statements, the Company adopted the provisions of Statement of Financial Accounting Standards No. 143, "Accounting for Asset Retirement Obligations," effective January 1, 2003.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the effectiveness of the Company's internal control over financial reporting as of December 31, 2005, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and our report dated February 27, 2006 expressed an unqualified opinion on management's assessment of, and the effective operation of, internal control over financial reporting. This report includes an explanatory paragraph stating that management excluded from its assessment of the effectiveness of the Company's internal control over financial reporting as of December 31, 2005, the internal control over financial reporting of the Surface Specialties business of UCB S.A. associated with total assets of \$969 million as of December 31, 2005 and total revenues of \$1,075 million for the year ended December 31, 2005.

/S/ KPMG LLP

Short Hills, New Jersey
February 27, 2006

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The Board of Directors and Stockholders
Cytec Industries Inc.:

We have audited management's assessment, included in the accompanying Management's Report on Internal Control Over Financial Reporting, that Cytec Industries Inc. and subsidiaries (the "Company") maintained effective internal control over financial reporting as of December 31, 2005, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting. Our responsibility is to express an opinion on management's assessment and an opinion on the effectiveness of the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, evaluating management's assessment, testing and evaluating the design and operating effectiveness of internal control, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit

preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, management's assessment that the Company maintained effective internal control over financial reporting as of December 31, 2005, is fairly stated, in all material respects, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Also, in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2005, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

The Company acquired the Surface Specialties business of UCB S.A. ("Surface Specialties") during the year ended December 31, 2005. Management excluded from its assessment of the effectiveness of the Company's internal control over financial reporting as of December 31, 2005, Surface Specialties' internal control over financial reporting associated with total assets of \$969 million, and total revenues of \$1,075 million included in the consolidated financial statements of the Company as of and for the year ended December 31, 2005. Our audit of internal control over financial reporting of the Company also excluded an evaluation of the internal control over financial reporting of Surface Specialties.

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We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Cytec Industries Inc. and subsidiaries as of December 31, 2005 and 2004, and the related consolidated statements of income, stockholders' equity and cash flows for each of the years in the three-year period ended December 31, 2005, and our report dated February 27, 2006 expressed an unqualified opinion on those consolidated financial statements.

/S/ KPMG LLP

Short Hills, New Jersey
February 27, 2006

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QUARTERLY DATA (UNAUDITED)

(Dollars in millions, except per share amounts)	1Q	2Q	3Q	4Q	Year
2005					
Net sales	\$563.9	\$813.4	\$760.8	\$787.6	\$2,925.7
Gross profit ⁽¹⁾	123.6	174.3	161.2	152.9	612.0
Net earnings (loss)	(6.5)	11.9	35.4	18.3	59.1
Basic net earnings (loss) per share ⁽²⁾	\$ (0.16)	\$ 0.26	\$ 0.77	\$ 0.44	\$ 1.31
Diluted net earnings (loss) per share ⁽²⁾	\$ (0.16)	\$ 0.25	\$ 0.75	\$ 0.43	\$ 1.27
2004					
Net sales	\$415.2	\$422.0	\$433.5	\$450.6	\$1,721.3
Gross profit ⁽¹⁾	105.1	110.4	101.1	101.6	418.2
Net earnings available to common stockholders	33.2	31.2	10.5	46.2	121.1
Basic net earnings available to common stockholders per share ⁽²⁾	\$ 0.85	\$ 0.80	\$ 0.27	\$ 1.17	\$ 3.06
Diluted net earnings available to common stockholders per share ⁽²⁾	\$ 0.83	\$ 0.77	\$ 0.26	\$ 1.13	\$ 2.96

(1) Gross profit is derived by subtracting manufacturing cost of sales from net sales.

(2) The sum of the quarters may not equal the full year basic and diluted earnings per share since each period is calculated separately.

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**ITEM 9.
CHANGES IN AND DISAGREEMENTS
WITH ACCOUNTANTS ON
ACCOUNTING AND FINANCIAL
DISCLOSURE**

Not applicable.

**ITEM 9A.
CONTROLS AND PROCEDURES**

**CONCLUSION REGARDING THE
EFFECTIVENESS OF DISCLOSURE CONTROLS
AND PROCEDURES**

An evaluation was carried out by our management, under the supervision and with the participation of our Chief Executive Officer and Chief Financial Officer, of the effectiveness of our disclosure controls and procedures (as defined in Rule 13a-15(e) of the Exchange Act), as of December 31, 2005. Based upon that evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that our current disclosure controls and procedures are effective.

**MANAGEMENT'S REPORT ON INTERNAL
CONTROL OVER FINANCIAL REPORTING**

Our management is responsible for establishing and maintaining adequate internal controls over financial reporting, as defined in Rule 13a-15(f) of the Exchange Act. Under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, an evaluation of the effectiveness of our internal controls over financial reporting was carried out. Management excluded from its evaluation an assessment of the internal controls over financial reporting for the Surface Specialties business, as described below. Management's evaluation was based on the criteria established in *Internal Control*

– *Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on this evaluation, management has concluded that our internal controls over financial reporting were effective as of December 31, 2005.

On February 28, 2005, we acquired Surface Specialties from UCB SA. Management excluded from its assessment of the effectiveness of our internal control over financial reporting as of December 31, 2005, Surface Specialties' internal controls over financial reporting. As of December 31, 2005, total assets associated with Surface Specialties were \$969 million, representing 25% of our total assets. For the year ended December 31, 2005, total revenues associated with Surface Specialties were \$1,075 million, representing 37% of our total revenue.

ATTESTATION REPORT

Management's assessment of the effectiveness of internal controls over financial reporting as of December 31, 2005 has been audited by KPMG LLP, an independent registered public accounting firm, as stated in their report which is included herein.

CHANGES IN INTERNAL CONTROL

There were no changes in our internal controls over financial reporting during the fiscal quarter ended December 31, 2005 identified in the above-referenced evaluations that has materially affected, or is reasonably likely to materially affect, our internal controls over financial reporting.

**ITEM 9B.
OTHER INFORMATION**

Not applicable.

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**PART III
ITEM 10.
DIRECTORS AND EXECUTIVE
OFFICERS OF THE REGISTRANT**

Set forth below is certain information concerning the executive officers of Cytec. Each such person serves at the pleasure of the Board of Directors of Cytec.

Name	Age	Positions
D. Lilley	59	Mr. Lilley is Chairman of the Board, President and Chief Executive Officer. He was elected Chairman in January 1999 and President and Chief Executive Officer in May 1998, having previously served as President and Chief Operating Officer from January 1997.
J. P. Cronin	52	Mr. Cronin is Executive Vice President and Chief Financial Officer, having previously served as Vice President and Chief Financial Officer from our inception in 1993 until he was elected an Executive Vice President in September 1996.
S. D. Fleming	47	Mr. Fleming has been President of Cytec Specialty Chemicals since October 2005. He was elected as an officer in September 2004. He previously served as President of Cytec Performance Specialties, Vice President, Phosphine and Mining Chemicals and other executive positions in our specialty chemicals businesses for more than four years.
S. C. Speak	48	Mr. Speak was elected as an officer in September 2004. He has been President of Cytec Engineered Materials since January 2002, having previously served as Vice President and General Manager, North America and Pacific Rim and other executive positions in Cytec Engineered Materials for more than two years.
W. N. Avrin	50	Mr. Avrin is Vice President, Corporate and Business Development and has held this position for more than five years.
D. M. Drillock	48	Mr. Drillock was elected Vice President, Controller and Investor Relations in April 2002. He previously served as Controller for more than four years.
J. E. Marosits	53	Mr. Marosits was elected Vice President, Human Resources in July 2002. For more than four years prior to that, he had been our Director, Human Resources for Building Block Chemicals and Corporate Manager, Labor Relations.
R. Smith	47	Mr. Smith was elected Vice President, General Counsel and Secretary effective January 1, 2002, having previously served as Assistant General Counsel for more than two years prior thereto.
T. P. Wozniak	52	Mr. Wozniak is Treasurer of Cytec and has held this position for more than five years.

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We have a specific Code of Ethics which is applicable to our chief executive officer, our chief financial officer, our chief accounting officer and our controller. This code sets forth certain of our expectations, including that the officers will act with honesty and integrity, will avoid actual and apparent conflicts of interest, will comply with all applicable laws, will disclose information that is complete and understandable and will act in good faith and responsibly. The Code also requires the *prompt reporting of violations to the Chair of the Audit Committee*. A current copy of the Code is available on our website accessible at www.Cytec.com. We will disclose information regarding any amendment to the Code or any waiver from any of its provisions on the same website. There have never been any waivers granted regarding our Code.

The remainder of the information required by this Item is incorporated by reference from the "Election of Directors" section of our definitive Proxy Statement for our 2006 Annual Meeting of Common Stockholders, dated March 20, 2006.

ITEM 11. EXECUTIVE COMPENSATION

The information required by this Item is incorporated by reference from the "Executive Compensation," the "Employment and Severance Arrangements," the "Compensation under Retirement Plans," the "Compensation of Directors," the "Compensation and Management Development Committee Report," the "Equity Compensation Plan Information," and the "Performance Graph" sections of our definitive Proxy Statement for our 2006 Annual Meeting of Common Stockholders, dated March 20, 2006.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information required by this Item is incorporated by reference from the "Cytec Stock Ownership by Directors & Officers" and the "Security Ownership of Certain Beneficial Owners" sections of our definitive Proxy Statement for our 2006 Annual Meeting of Common Stockholders, dated March 20, 2006.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

The information required by this Item is incorporated by reference from the "Certain Relationships and Related Transactions" section of our definitive Proxy Statement for our 2006 Annual Meeting of Common Stockholders, dated March 20, 2006.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

The information required by this Item is incorporated by reference from the "Fees Paid to the Auditors" section of our definitive Proxy Statement for our 2006 Annual Meeting of Common Stockholders, dated March 20, 2006.

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PART IV
ITEM 15.
EXHIBITS AND FINANCIAL
STATEMENT SCHEDULES

(a)(1)	List of Financial Statements: Cytec Industries Inc. and Subsidiaries Consolidated Financial Statements (Refer to Item 8): Consolidated Balance Sheets as of December 31, 2005 and 2004 Consolidated Statements of Income for the Years ended December 31, 2005, 2004 and 2003 Consolidated Statements of Cash Flows for the Years ended December 31, 2005, 2004 and 2003 Consolidated Statements of Stockholders' Equity for the Years ended December 31, 2005, 2004 and 2003 Notes to Consolidated Financial Statements Reports of Independent Registered Public Accounting Firm	(a)(3)	Exhibits.
		Exhibit No.	Description
		3.1(a)	Certificate of Incorporation (incorporated by reference to exhibit 3.1(a) to Cytec's quarterly report on Form 10-Q for the quarter ended September 30, 1996).
		3.1(b)	Certificate of Amendment to Certificate of Incorporation dated May 13, 1997 (incorporated by reference to exhibit 3.1(a) to Cytec's quarterly report on Form 10-Q for the quarter ended June 30, 1997).
		3.1(c)	Conformed copy of the Cytec's certificate of incorporation, as amended (incorporated by reference to exhibit 3(c) to Cytec's registration statement on Form S-8, registration number 333-45577).
		3.2	By-laws, as amended through January 22, 2002 (incorporated by reference to Exhibit 3.2 to Cytec's annual report on Form 10-K for the year ended December 31, 2001).
(a)(2)	Cytec Industries Inc. and Subsidiaries Financial Statement Schedules Schedule II – Valuation and Qualifying Accounts	4.1	Form of Common Stock Certificate (incorporated by reference to exhibit 4.1 to Cytec's registration statement on Form 10).
		4.2(a)	Indenture, dated as of March 15, 1998 between the Cytec and PNC Bank, National Association as Trustee (incorporated by reference to Exhibit 4.1 of Cytec's current report on Form 8-K, dated March 18, 1998).
		4.2(b)	Supplemental Indenture, dated as of May 11, 1998 between the Cytec and PNC Bank National Association, as Trustee (incorporated by reference to Exhibit 4.2 to Cytec's quarterly report on Form 10-Q for the quarter ended March 31, 1998).

Schedules, other than "Schedule II – Valuation and Qualifying Accounts," are omitted because of the absence of the conditions under which they are required or because the information called for are included in the consolidated financial statements or notes thereto.

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4.3	6.75% Global Note due March 15, 2008 (incorporated by reference to Exhibit 4.3 of Cytec's current report on Form 8-K dated March 18, 1998).	10.1(f)	Letter Amendment No. 1 to Credit Agreement dated as of November 18, 2005.
4.4	Stockholder's Agreement dated as of February 28, 2005 between Cytec and UCB SA (incorporated by reference to Exhibit 99.1 of Cytec's current report on Form 8-K dated March 4, 2005).	10.1(g)	Letter Amendment No. 2 to Credit Agreement dated as of December 31, 2005.
4.5	4.60% Senior Note due 2013 (incorporated by reference to Exhibit 4.2 to Cytec's quarterly report on Form 10-Q for the quarter ended June 30, 2003).	10.2	Executive Compensation Plans and Arrangements (incorporated by reference to exhibit 10.12 to Cytec's annual report on Form 10-K for the year ended December 31, 2003).
4.6	5.500% Senior Note due 2010 (incorporated by reference to Exhibit 4.1 to Cytec's current report on Form 8-K, dated October 4, 2005).	10.2(a)	1993 Stock Award and Incentive Plan, as amended through January 1, 2006.
4.7	6.000% Senior Note due 2015 (incorporated by reference to Exhibit 4.2 to Cytec's current report on Form 8-K, dated October 4, 2005).	10.2(b)	Form of Performance Stock Award/ Performance Cash Award Grant Letter (incorporated by reference to exhibit 10.12(b) to Cytec's annual report on Form 10-K for the year ended December 31, 1999).
10.1(a)	Five Year Term Loan Agreement dated as of February 15, 2005, among the Cytec, the banks named therein and Citigroup Global Markets, Inc., as lead arranger and book manager ("Term Agreement") (incorporated by reference to exhibit 99.2 to Cytec's current report on Form 8-K dated February 15, 2005).	10.2(c)	Rule No. 1 under 1993 Stock Award and Incentive Plan as amended through January 20, 2003 (incorporated by reference to exhibit 10.12(c) to Cytec's Annual Report on Form 10-K for the year ended December 31, 2002).
10.1(b)	Letter Amendment No. 1 to Term Agreement dated as of March 1, 2005.	10.2(d)(i)	Form of Stock Option Grant Letter (incorporated by reference to exhibit 10.13(d) of Cytec's annual report on Form 10-K for the year ended December 31, 1998).
10.1(c)	Letter Amendment No. 2 to Term Agreement dated as of November 11, 2005.	10.2(d)(ii)	Form of Stock Option Grant Letter used for grants to officers from January 21, 2002 through January 19, 2004 (incorporated by reference to Exhibit 10.12(d)(ii) to Cytec's annual report on Form 10-K for the year ended December 31, 2001).
10.1(d)	Letter Amendment No. 3 to Term Loan Agreement dated December 31, 2005.	10.2(d)(iii)	Form of Stock Option Grant Letter used for grants to officers from January 21, 2004 through February 8, 2006 (incorporated by reference to exhibit 10.12 to Cytec's annual report on Form 10-K for the year ended December 31, 2003).
10.1(e)	Five Year Credit Agreement dated as of February 15, 2005, among the Cytec, the banks named therein and Citigroup Global Markets, Inc., as lead arranger and book manager ("Credit Agreement") (incorporated by reference to exhibit 99.3 to Cytec's current report on form 8-K dated February 15, 2005).		

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|-------------|---|---------|---|
| 10.2(d)(iv) | Form of Performance Stock Award Grant Letter used for grants to officers from January 21, 2004 (incorporated by reference to exhibit 10.12 to Cytec's annual report on Form 10-K for the year ended December 31, 2003). | 10.2(j) | Cytec Supplemental Employees Retirement Plan, as amended through April 13, 2000 (incorporated by reference to exhibit 10.12(k) to Cytec's quarterly report on Form 10-Q for the quarter ended June 30, 2000). |
| 10.2(d)(v) | Form of common stock settled Stock Appreciation Rights ("SARs") Award letter used for grants to officers from February 9, 2006. | 10.2(k) | Cytec Executive Supplemental Employees Retirement Plan, as amended through October 14, 1999 (incorporated by reference to exhibit 10.13(k) to Cytec's quarterly report on Form 10-Q for the quarter ended September 30, 1999). |
| 10.2(d)(vi) | Form of Performance Cash Award letter used for grants to officers from February 9, 2006. | | |
| 10.2(e) | Rule No. 2, as amended through January 27, 1997, under 1993 Stock Award and Incentive Plan (incorporated by reference to exhibit 10.13(e) to Cytec's annual report on Form 10-K for the year ended December 31, 1996). | 10.2(l) | Cytec Compensation Tax Equalization Plan (incorporated by reference to exhibit 10(G) to Cytec's quarterly report on Form 10-Q for the quarter ended September 30, 1994). |
| 10.2(f) | Executive Income Continuity Plan, as amended through September 12, 2003 (incorporated by reference to exhibit 10.12(f) to Cytec's quarterly report on Form 10-Q for the quarter ended September 30, 2003). | 10.2(m) | Cytec Supplemental Savings and Profit Sharing Plan, as amended and restated through July 22, 2003 (incorporated by reference to exhibit 4.4 to Cytec's Registration Statement on Form S-8, registration number 333-107221). |
| 10.2(g) | Key Manager Income Continuity Plan, as amended through September 12, 2003 (incorporated by reference to exhibit 10.12(g) to Cytec's quarterly report on Form 10-Q for the quarter ended September 30, 2003). | 10.2(n) | Amended and Restated Trust Agreement effective as of December 15, 1994 between the Cytec and Vanguard Fiduciary Trust Company, as successor trustee (incorporated by reference to exhibit 10.12(p) to Cytec's annual report on Form 10-K for the year ended December 31, 1999). |
| 10.2(h) | Employee Income Continuity Plan, as amended through September 12, 2003 (incorporated by reference to exhibit 10.12(h) to Cytec's quarterly report on Form 10-Q for the quarter ended September 30, 2003). | 10.2(o) | Deferred Compensation Plan as amended through December 9, 2002 (incorporated by reference to exhibit 10.12(o) to Cytec's annual report on Form 10-K for the year ended December 31, 2002). |
| 10.2(i) | Cytec Excess Retirement Benefit Plan, as amended through May 11, 2000 (incorporated by reference to exhibit 10.12(j) to Cytec's quarterly report on Form 10-Q for the quarter ended June 30, 2000). | 10.2(p) | Rule No. 4 under 1993 Stock Award and Incentive Plan as amended. |

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- 10.3 Relocation Agreement for Shane Fleming dated December 11, 2005.
- 10.4 Restricted Stock Award Agreement for James P. Cronin dated March 1, 2005.
- 10.5 Restricted Stock Award Agreement for William N. Avrin dated March 1, 2005.
- 10.6 Settlement Agreement by and between Cytec Surface Specialties NV and Benoit Van Assche dated November 30, 2005.
- 10.7 Employment Agreement by and between Benoit Van Assche and UCB dated June 29, 1998.
- 10.8 Supplementary Pension for Collective Life Management Code for Cytec Surface Specialties NV dated November 24, 2005.
- 10.9 Group Insurance Precautionary Plan for Cytec Surface Specialties NV dated August 8, 2005.
- 12 Computation of Ratio of Earnings to Fixed Charges.
- 21 Subsidiaries of the Company.
- 23 Consent of KPMG LLP.
- 24(a-i) Powers of Attorney of J. E. Akitt, C.A. Davis, A.G. Fernandes, L. L. Hoynes, Jr., B. C. Johnson, W. P. Powell, J. R. Satrum, R. P. Sharpe and J. R. Stanley.
- 31.1 Certification of David Lilley, Chief Executive Officer pursuant to Rule 13a-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 31.2 Certification of James P. Cronin, Chief Financial Officer pursuant to Rule 13a-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 32.1 Certification of David Lilley, Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 32.2 Certification of James P. Cronin, Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

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SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, we have duly caused this report to be signed on our behalf by the undersigned, thereunto duly authorized.

CYTEC INDUSTRIES INC.
(Registrant)

DATE: February 28, 2006

By: /S/ David Lilley
D. Lilley
Chairman, President and Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on our behalf and in the capacities and on the dates indicated.

DATE: February 28, 2006

/S/ David Lilley
D. Lilley
Chairman, President and Chief Executive Officer

DATE: February 28, 2006

/S/ J. P. Cronin
J. P. Cronin, Executive Vice President,
Chief Financial and Accounting Officer

*
J. E. Akitt, Director

*
C.A. Davis, Director

*
A.G. Fernandes, Director

*
L. L. Hoynes, Jr., Director

*By: /S/ R. Smith
Attorney-in-Fact

*
B. C. Johnson, Director

*
W. P. Powell, Director

*
J. R. Satrum, Director

*
R. P. Sharpe, Director

*
J. R. Stanley, Director

DATE: February 28, 2006

EXHIBIT 31.1 CERTIFICATIONS

I, David Lilley, certify that:

1. I have reviewed this annual report on Form 10-K of Cytec Industries Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls over financial reporting.

David Lilley

David Lilley
Chairman, President and
Chief Executive Officer

February 28, 2006

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EXHIBIT 31.2 CERTIFICATIONS

I, James P. Cronin, certify that:

1. I have reviewed this annual report on Form 10-K of Cytec Industries Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls over financial reporting.



James P. Cronin
Executive Vice President and
Chief Financial Officer

February 28, 2006

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SCHEDULE II – VALUATION AND QUALIFYING ACCOUNTS

Years Ended December 31, 2005, 2004 and 2003

(in millions)

Description	Balance 12/31/2004	Additions or (deductions) charged or (credited) to expenses	Other additions or (deductions)	Balance 12/31/2005
Reserves deducted from related assets:				
Doubtful accounts receivable	\$ 6.7	\$0.9	\$ 0.2 ⁽¹⁾	\$ 7.8
Deferred tax asset valuation allowance	\$12.2	\$2.2	\$ 8.8 ⁽²⁾	\$ 23.2
Environmental accruals	\$70.7	\$1.7	\$30.5 ⁽³⁾	\$102.9

(1) Principally bad debts written off, less recoveries.

(2) Primarily attributable to the Surface Specialties acquisition

(3) Environmental remediation spending net of \$6.6, \$(3.1) currency exchange and \$40.2 related to the Surface Specialties acquisition.

Description	Balance 12/31/2003	Additions or (deductions) charged or (credited) to expenses	Other additions or (deductions)	Balance 12/31/2004
Reserves deducted from related assets:				
Doubtful accounts receivable	\$ 7.6	\$ 0.4	\$(1.3) ⁽¹⁾	\$ 6.7
Deferred tax asset valuation allowance	\$ 4.6	—	\$ 7.6 ⁽²⁾	\$12.2
Environmental accruals	\$79.6	\$(0.1)	\$(8.8) ⁽³⁾	\$70.7

(1) Principally bad debts written off, less recoveries.

(2) Primarily attributable to U. S. state income tax net operating loss and credit carryforwards.

(3) Environmental remediation spending, net of \$0.6 currency exchange.

Description	Balance 12/31/2002	Additions or (deductions) charged or (credited) to expenses	Other additions or (deductions)	Balance 12/31/2003
Reserves deducted from related assets:				
Doubtful accounts receivable	\$ 8.8	\$0.2	\$ (1.4) ⁽¹⁾	\$ 7.6
Deferred tax asset valuation allowance	—	—	\$ 4.6 ⁽²⁾	\$ 4.6
Environmental accruals	\$83.7	\$1.8	\$ (5.9) ⁽³⁾	\$79.6
Total investments, advances and other assets	\$17.0	—	\$(17.0) ⁽⁴⁾	\$ —

(1) Principally bad debts written off, less recoveries.

(2) Attributable to U. S. state income tax net operating loss carryforwards.

(3) Environmental remediation spending of \$9.3, net of \$1.7 currency exchange and \$1.7 for the gross up of a certain liability and related receivable

(4) Liquidation of associated company and write-off of preferred stock of company in bankruptcy both of which were fully reserved.

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Board of Directors and Committees of the Board

David Lilley
Chairman of the Board,
President, and Chief Executive Officer

John E. Akitt^{2, 3, 4}
Retired Executive Vice President,
Exxon Chemical Company;
Director, Georgia Gulf Corporation

Chris A. Davis¹
General Partner, Forstmann Little & Co.,
Director, Rockwell Collins, Inc., Avial, Inc.,
IMG Worldwide Inc. and 24 Hour Fitness

Anthony G. Fernandes^{1, 2, 4}
Retired Chairman, Chief Executive Officer,
and President, Philip Services Corporation;
Director, Baker Hughes Corporation,
Black and Veatch, and Tower Automotive, Inc.

Louis L. Hoynes, Jr.⁴
Retired Executive Vice President and
General Counsel, Wyeth

Barry C. Johnson, Ph.D.^{2, 3}
Dean, College of Engineering,
Villanova University
Director, Rockwell Automation, Inc.

William P. Powell^{1, 4}
Managing Director,
William Street Advisors LLC;
Director, CONSOL Energy Inc. and
International Executive Service Corps

Jerry R. Satrum^{1, 2}
Retired Chief Executive Officer,
Georgia Gulf Corporation
Director, Georgia Gulf Corporation

Raymond P. Sharpe
President and Chief Executive Officer,
Isola Group

James R. Stanley^{3, 4}
Retired President and Chief Executive Officer,
Howmet International

¹ Audit Committee

² Compensation and Management Development Committee

³ Environmental, Health, and Safety Committee

⁴ Governance Committee

Corporate Officers

David Lilley*
Chairman of the Board,
President, and Chief Executive Officer

James P. Cronin*
Executive Vice President
and Chief Financial Officer

Shane D. Fleming*
President, Cytec Specialty Chemicals

Steven C. Speak*
President, Cytec Engineered Materials

William N. Avrin
Vice President, Corporate and
Business Development

David M. Drillock
Vice President, Controller and
Investor Relations

Joseph E. Marosits
Vice President, Human Resources

Roy Smith
Vice President, General Counsel,
and Secretary

Thomas P. Wozniak
Treasurer
* Executive Committee

Operations Management

Shane D. Fleming
President, Cytec Specialty Chemicals

Jaswant S. Gill
President, Building Block Chemicals

Steven C. Speak
President, Cytec Engineered Materials

Corporate Support

Richard T. Ferguson
Vice President, Taxes

Jeffrey C. Futterman
Vice President, Information Technology

Karen E. Koster
Vice President, Safety,
Health & Environment

Corporate Information

Our common stock is traded on the New York Stock Exchange under the symbol CYT.

The annual meeting of our stockholders will be held at 1:00 p.m. on May 2, 2006 at The Marriott at Glen Pointe, Teaneck, NJ 07666.

Stockholders of record as of March 10, 2006, will be entitled to vote at this meeting.

Shareholder Services
Mellon Investor Services LLC
Shareholder Relations Department
P.O. Box 3315
South Hackensack, NJ 07606-1915
800-851-9677
Website: www.melloninvestor.com

All product names appearing in capital letters are registered trademarks of or trademarks licensed to Cytec Industries Inc. or its subsidiaries throughout the world.

Independent Registered Public
Accounting Firm
KPMG LLP
150 John F. Kennedy Parkway
Short Hills, NJ 07078

A copy of our annual report on Form 10-K is attached. Copies of our quarterly reports on Form 10-Q, as filed with the Securities and Exchange Commission, are available without charge to stockholders upon request. Copies of exhibits attached to Forms 10-K and 10-Q will be made available at a charge. Requests should be made in writing to the Investor Relations Department at our Corporate headquarters or by calling Cytec Investor Relations at 800-44-CYTEC. For news releases, SEC filings, recent presentations or other information, please access the Company's website at www.cytec.com.

Except for the historical information and discussions contained herein, statements contained in this annual report may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Act of 1995. Achieving the results described in these statements involves a number of risks, uncertainties, and other factors that could cause actual results to differ materially, as discussed in Cytec's filings with the Securities and Exchange Commission, and on page 1 of the attached Form 10-K.

Cytec Industries Inc.
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CYTEC

Technology ahead of its time®

www.cytec.com

To learn more about Cytec's products, investor relations, employment opportunities, news releases, and other information, please visit our website.

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