SDMS Document
93266

The Passaic River Study Area

United States Environmental Protection Agency, Region II

Status of PRP Search and Issuance of Notice Letters

Prepared by:Andrews & Kurth L.L.P.
1717 Main Street, Suite 3700
Dallas, Texas 75201

Contact:Paul W. Herring
214-659-4504 (Office telephone)
214-659-4837 (Office fax)

For Chemical Land Holdings, Inc., on behalf of Occidental Chemical Corporation (successor to Diamond Shamrock Chemicals Company, f/k/a Diamond Alkali Company)

February, 2001

DAL:281196.1

932660001

Tab	PRP Name	Document(s): Summary
7	**Pfister Chemical, Inc.**	
A		Sediment data table indicating that the same types of substances known to be at the facility have been detected at significant levels in Passaic River sediments near the facility.
B		July 26, 2000 New Jersey Department of the Treasury, Division of Revenue Status Report for Pfister Chemical, Inc. (*See also* the Alliance information located in: The Passaic River Study Area, United States Environmental Protection Agency, Region II, Status of PRP Search and Issuance Notice Letters, February, 2001.)

7

932660003

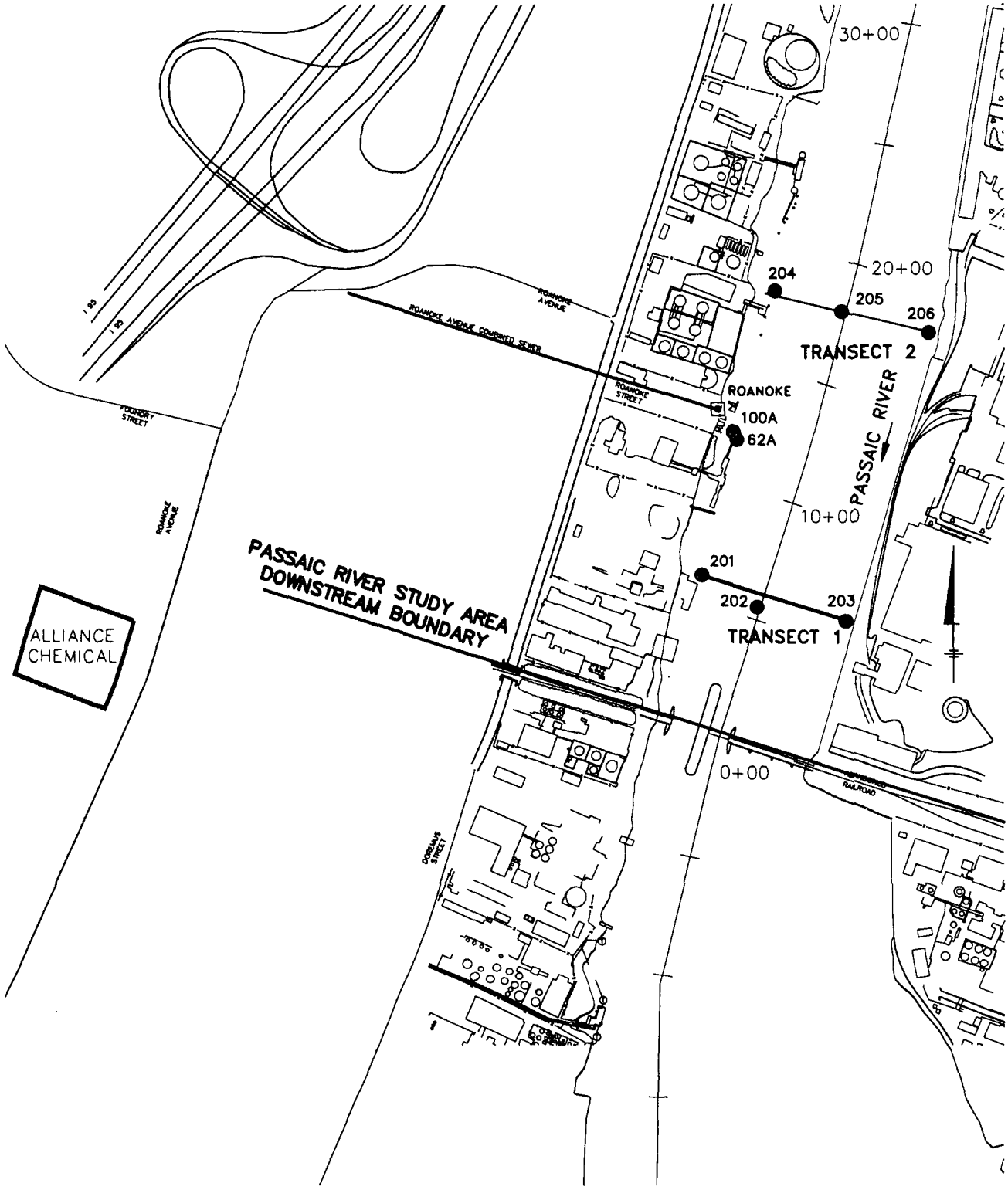
11/5/2000

GENERATOR: Pfister Chemical, Inc. (as Owner of Alliance Chemical, Inc. and portion of Facility)

EVIDENCE SUMMARY SHEET*

(By shipment/disposal or collective group(s) of shipments/disposals)

Current Name, Mailing Address, and Telephone: Pfister Chemical, Inc. Linden Avenue Ridgefield, New Jersey 07657 [Telephone: 201-945-5400]	**References:** January 1994 Response to 104(e) Request.*
Facility location: 309-327 Avenue P,Newark. See attached Site Location Map showing facility location in proximity to the Passaic River.	
Date or time period of shipment(s) or disposal(s): At least 1965 to date; and likely from 1948 as the PVSC refers, in an April-May 1948 "Stream Contaminations" report, to an "Alliance Chemical Company, Avenue P, Newark, New Jersey Discharge . . . ." <u>Direct discharges:</u> Spills and leaks and other direct process waste discharges, from about 1970 to date, through the Roanoke Avenue CSO, and the historically malfunctioning Avenue P regulator, directly to the Passaic River (same rationale as for EPA's having issued PRP Notice letters prior to DuPont, Reilly, and Ashland); also spills and leaks and other direct process waste discharges to Plum Creek and thence directly into the Passaic River and/or into Newark Bay just south of the Passaic River's mouth at the bay. <u>Surface water:</u> Contaminated surface runoff through Roanoke Avenue CSO as well as to Plum Creek.	January 1994 Response to 104(e) Response; PVSC "Stream Contaminations" reports, and documents regarding Avenue P regulator; NJDEP Site Assessment.*
Transporter: City of Newark and/or PVSC – to the extent of contaminated discharges carried through Roanoke Avenue line, through Avenue P regulator directly to the Passaic River.	PVSC documents.
Volume or quantity: Not susceptible to precise calculation due to irregular and intermittent nature of discharges. However, the same types of substances known to be at the Subject's facility have been detected at significant levels in Passaic River sediments near the discharge points into the River from Subject's facility.	Above references; Sediment data previously submitted to USEPA.
Name of Hazardous Substance(s) [and RCRA waste codes, if applicable] (See 40 CFR Sec. 302.4): Class II dioxin precursors [2-chloro-1,4-dethoxy-5 nitrobenzene and 5-chloro-2,4-dethoxy aniline], Class III dioxin precursor [1,2,4 trichlorobenzene], PCBs, Lead, Zinc, Ethylbenzene, Xylene [U239], 2,4-Dinitrotoluene, Dichlorobenzidene, Benzo(a)pyrene, Benzene [U109], Toluene [U220], Acetone [U002], Methylene Chloride [U080].	NJDEP Site Assessment, including 1980 sampling of on-site lagoon; Alliance's 1992 soil sampling results.*
Substances like the generator's that are found in the Passaic River: Many of the above were detected at significant levels in sediments in the vicinity of the Subject's facility. Analyses were not done for some.	Sediment data previously submitted to USEPA.
Name, Mailing Address and Telephone of Registered Agent: New Jersey: The Corporation Trust Company 820 Bear Tavern Road Trenton, NJ 08628	1999 NJ Dep't of Treasury records. * *See* also the "Alliance Chemical, Inc." reference materials section.



LEGEND:

- APPROXIMATE FACILITY BOUNDARY
- SHORELINE
- CSO OUTFALL
- RI SAMPLING TRANSECT
- 270 SEDIMENT SAMPLING LOCATION

DRAFT

0 600' 1200'

GRAPHIC SCALE

SITE LOCATION MAP

ALLIANCE CHEMICAL FACILITY

X: 09994X04.DWG, 09994X05.DWG
L: ON=*, OFF=REF, |GRID
P: STD-PCP/AP
10/6/00 SYR-54-GMS KWD SDL
09994023/09994821.DWG

932660005

A

932660006

PFISTER CHEMICAL, INC.

TAB A

Sediment data table indicating that the same types of substances known to be at the facility have been detected at significant levels in Passaic River sediments near the facility.

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
VOAs and Dioxin

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Benzene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	ND	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	75	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	28	1964
		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
	18	140	1968-1960	ND	1990-1989			57	C.F.			ND	1966-1958				
	S-4	300	1960-1953	ND	1989-1988	ND	1980-1974	49	C.F.			ND	1958-1949				
						ND	1974-1969										
						ND	1969-1963										
Toluene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	100	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	870	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	ND	1964
		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
	5,900	ND	1968-1960	ND	1990-1989			74	C.F.			ND	1966-1958				
	S-2	380	1960-1953	ND	1989-1988	ND	1980-1974	220	C.F.			ND	1958-1949				
						ND	1974-1969										
						ND	1969-1963										
Ethylbenzene	In site soil	ND	1995-1991	26	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	76	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	550	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	680	1964
		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			24	1952
	32,000	ND	1968-1960	ND	1990-1989			26	C.F.			ND	1966-1958				
	S-2	800	1960-1953	ND	1989-1988	ND	1980-1974	60	C.F.			ND	1958-1949				
						ND	1974-1969										
						ND	1969-1963										
Xylenes	In site soil	ND	1995-1991	26	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	440	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	45	1991-1983	ND	C.F.	2500	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	550	1964
		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	88	1974-1966			49	1952
	190,000	340	1968-1960	ND	1990-1989			130	C.F.			120	1966-1958				
	S-2	780	1960-1953	ND	1989-1988	ND	1980-1974	330	C.F.			ND	1958-1949				
						90	1974-1969										
						130	1969-1963										

ND = Not detected
C.F.= Chronology Failed

932660008

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
VOAs and Dioxin

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Acetone	Used on site	34	1995-1991	34	1995-1995	430	1995-1992	38	C.F.	48	1995-1993	24	1995-1991	2000	C.F.	140	1993
(ug/Kg)		870	1991-1983			440	1992-1986	42	C.F.	23	1993-1957	83	1991-1983	8000	C.F.	420	1976
		800	1983-1976	45	1995-1990			65	C.F.	35	1957-1951	82	1983-1974	5200	C.F.	190	1964
		550	1976-1968			57	1986-1980	57	C.F.	ND	1951-1946	74	1974-1966			140	1952
	8,500	420	1968-1960	170	1990-1989			57	C.F.			85	1966-1958				
	S-2	250	1960-1953	71	1989-1988	180	1980-1974	130	C.F.			50	1958-1949				
						280	1974-1969										
						270	1969-1963										
Chlorobenzene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	ND	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	33	1991-1983	ND	C.F.	ND	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	ND	1964
		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
	360,000	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-2	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
						ND	1974-1969										
						67	1969-1963										
Methylene chloride	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	37	C.F.	10	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	33	C.F.	29	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	26	C.F.	ND	1964
		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			10	1952
	12,000	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-2	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
						ND	1974-1969										
						ND	1969-1963										
DIOXINS																	
2,3,7,8-TCDD		169	1995-1991	220	1995-1995	228	1995-1992	169	C.F.	195	1995-1993	235	1995-1991	380	C.F.	130	1993
(ng/Kg)		442	1991-1983			288	1992-1986	236	C.F.	456	1993-1957	886	1991-1983	160	C.F.	83	1976
		272	1983-1976	433	1995-1990			255	C.F.	516	1957-1951	842	1983-1974	350	C.F.	99	1964
mean: 6,596		1,000	1976-1968			520	1986-1980	277	C.F.	ND	1951-1946	3,170	1974-1966			17	1952
high: 93,2000		378	1968-1960	883	1990-1989			2,080	C.F.			11,900	1966-1958				
		356	1960-1953	947	1989-1988	403	1980-1974	7,580	C.F.			6,240	1958-1949				
top 20																	
above mean						4,650	1974-1969										
						2,350	1969-1963										

ND = Not detected
C.F.= Chronology Failed

932660009

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Semi-VOAs

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
1,4 Dichlorobenzene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	ND	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	ND	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	1,300	1964
mean: 33,797		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high: 200,000	4,600	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-4	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
top 20 above mean						ND	1974-1969										
						ND	1969-1963										
2,4-Dichlorophenol	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	ND	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	ND	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	ND	1964
mean: 84,919		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high: 2,500,000	14,000	ND	1968-1960	ND	1990-1989			850	C.F.			ND	1966-1958				
	S-4	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
top 20 above mean						ND	1974-1969										
						ND	1969-1963										
Naphthalene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	6,500	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	40,000	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	900	1957-1951	ND	1983-1974	ND	C.F.	43,000	1964
mean: 9,587		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			1,400	1952
high: 270,000	25,000	ND	1968-1960	ND	1990-1989			2,000	C.F.			ND	1966-1958				
	S-9	2,100	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
top 20 above mean						1,600	1974-1969										
						1,400	1969-1963										
2-Methylnaphthalene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	4,300	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	380	C.F.	38,000	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	24,000	1964
mean: 7,748		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			720	1952
high: 220,000	2,000	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-5	ND	1960-1953	ND	1989-1988	ND	1980-1974	1,200	C.F.			ND	1958-1949				
top 20 above mean						980	1974-1969										
						1,100	1969-1963										
Acenaphthene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	3,800	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	800	C.F.	86,000	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	920	1957-1951	ND	1983-1974	ND	C.F.	11,000	1964
mean: 7,317		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			570	1952
high: 420,000	560	ND	1968-1960	ND	1990-1989			ND	C.F.			960	1966-1958				
	S-9	2,200	1960-1953	ND	1989-1988	ND	1980-1974	1,100	C.F.			ND	1958-1949				
top 20 above mean						ND	1974-1969										
						ND	1969-1963										

ND = Not detected
C.F. = Chronology Failed

932660010

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Semi-VOAs

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Dibenzofuran	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	3,000	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	500	C.F.	74,000	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	8,400	1964
mean: 3,518		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			450	1952
high: 70,000	370	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-9	1,300	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
top 20 above mean						ND	1974-1969										
						ND	1969-1963										
Fluorene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	4,300	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	950	C.F.	100,000	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	720	1957-1951	ND	1983-1974	ND	C.F.	18,000	1964
mean: 3,432		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			690	1952
high: 140,000	630	ND	1968-1960	ND	1990-1989			ND	C.F.			1,100	1966-1958				
	S-9	2,400	1960-1953	ND	1989-1988	ND	1980-1974	1,200	C.F.			ND	1958-1949				
top 20 above mean						1,200	1974-1969										
						950	1969-1963										
Phenanthrene	In site soil	990	1995-1991	1,800	1995-1995	ND	1995-1992	1,100	C.F.	1,700	1995-1993	ND	1995-1991	570	C.F.	14,000	1993
(ug/Kg)		1,200	1991-1983			ND	1992-1986	1,300	C.F.	1,800	1993-1957	ND	1991-1983	530	C.F.	280,000	1976
		960	1983-1976	1,600	1995-1990			ND	C.F.	2,600	1957-1951	3,200	1983-1974	750	C.F.	54,000	1964
mean: 7,097		ND	1976-1968			ND	1986-1980	1,100	C.F.	ND	1951-1946	1,900	1974-1966			2,300	1952
high: 570,000	4,300	890	1968-1960	2,600	1990-1989			2,300	C.F.			2,900	1966-1958				
	SS-18	9,000	1960-1953	3,200	1989-1988	1,100	1980-1974	3,300	C.F.			990	1958-1949				
top 20 above mean						3,700	1974-1969										
						3,800	1969-1963										
Anthracene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	400	C.F.	5,100	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	330	C.F.	96,000	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	980	1957-1951	1,800	1983-1974	ND	C.F.	12,000	1964
mean: 3,821		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			800	1952
high: 230,000	4,200	ND	1968-1960	1,100	1990-1989			1,200	C.F.			2,200	1966-1958				
	SS-19a	4,100	1960-1953	1,300	1989-1988	ND	1980-1974	2,400	C.F.			1,000	1958-1949				
top 20 above mean						1,400	1974-1969										
						1,500	1969-1963										
Carbazole	In site soil	ND	1995-1991	ND		ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	640	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	11,000	1976
		ND	1983-1976	ND				ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	3,400	1964
mean: 1,785		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high: 11,000	180	ND	1968-1960	ND				ND	C.F.			ND	1966-1958				
	SS-14	1,500	1960-1953	ND		ND	1980-1974	ND	C.F.			ND	1958-1949				
top 20 above mean						ND	1974-1969										
						ND	1969-1963										

ND = Not detected
C.F. = Chronology Failed

932660011

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Semi-VOAs

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Fluoranthene	In site soil	2,700	1995-1991	3,700	1995-1995	2,500	1995-1992	2,700	C.F.	3,300	1995-1993	1,900	1995-1991	1,500	C.F.	11,000	1993
(ug/Kg)		3,100	1991-1983			2,700	1992-1986	3,000	C.F.	3,600	1993-1957	1,900	1991-1983	1,600	C.F.	180,000	1976
		2,700	1983-1976	3,500	1995-1990			2,000	C.F.	2,400	1957-1951	5,500	1983-1974	1,800	C.F.	3,400	1964
mean: 6,820		2,400	1976-1968			2,300	1986-1980	2,600	C.F.	ND	1951-1946	3,300	1974-1966			2,000	1952
high: 320,000	5,700	3,100	1968-1960	4,300	1990-1989			3,400	C.F.			7,200	1966-1958				
	S-5	10,000	1960-1953	5,100	1989-1988	2,800	1980-1974	4,300	C.F.			4,700	1958-1949				
top 20																	
above mean						4,600	1974-1969										
						4,900	1969-1963										
Pyrene	In site soil	2,200	1995-1991	3,600	1995-1995	2,400	1995-1992	2,500	C.F.	3,600	1995-1993	2,200	1995-1991	1,300	C.F.	9,500	1993
(ug/Kg)		2,900	1991-1983			2,800	1992-1986	3,200	C.F.	4,700	1993-1957	2,000	1991-1983	1,600	C.F.	140,000	1976
		2,400	1983-1976	3,700	1995-1990			1,900	C.F.	2,600	1957-1951	6,500	1983-1974	1,800	C.F.	26,000	1964
mean: 7,807		2,000	1976-1968			2,300	1986-1980	2,800	C.F.	ND	1951-1946	3,400	1974-1966			1,500	1952
high: 340,000	5,000	2,800	1968-1960	4,600	1990-1989			3,800	C.F.			8,800	1966-1958				
	SS-14	9,400	1960-1953	5,700	1989-1988	2,900	1980-1974	4,700	C.F.			5,200	1958-1949				
top 20																	
above mean						2,800	1974-1969										
						5,000	1969-1963										
Benzo(a)anthracene	In site soil	1,200	1995-1991	1,800	1995-1995	1,200	1995-1992	1,200	C.F.	1,400	1995-1993	760	1995-1991	810	C.F.	5,000	1993
(ug/Kg)		1,400	1991-1983			1,100	1992-1986	1,400	C.F.	1,600	1993-1957	ND	1991-1983	790	C.F.	72,000	1976
		120	1983-1976	1,500	1995-1990			ND	C.F.	890	1957-1951	2,200	1983-1974	800	C.F.	11,000	1964
mean: 3,546		980	1976-1968			1,000	1986-1980	1,200	C.F.	ND	1951-1946	1,100	1974-1966			670	1952
high: 150,000	1,000,000	1,400	1968-1960	1,800	1990-1989			1,400	C.F.			2,800	1966-1958				
	S-1	4,800	1960-1953	2,100	1989-1988	1,100	1980-1974	1,900	C.F.			2,300	1958-1949				
top 20																	
above mean						1,500	1974-1969										
						1,700	1969-1963										
Chrysene	In site soil	1,500	1995-1991	2,400	1995-1995	1,500	1995-1992	1,600	C.F.	2,200	1995-1993	1,200	1995-1991	1,000	C.F.	4,300	1993
(ug/Kg)		1,800	1991-1983			1,500	1992-1986	2,000	C.F.	2,300	1993-1957	1,100	1991-1983	970	C.F.	82,000	1976
		1,500	1983-1976	2,100	1995-1990			1,200	C.F.	1,200	1957-1951	3,100	1983-1974	930	C.F.	8,900	1964
mean: 3,915		1,200	1976-1968			1,200	1986-1980	1,700	C.F.	ND	1951-1946	1,700	1974-1966			780	1952
high: 150,000	31,000	1,700	1968-1960	2,300	1990-1989			2,100	C.F.			4,300	1966-1958				
	S-1	4,600	1960-1953	2,600	1989-1988	1,400	1980-1974	2,600	C.F.			3,000	1958-1949				
top 20																	
above mean						1,700	1974-1969										
						2,400	1969-1963										
Bis (2-ethylhexyl)phthalate	In site soil	11,000	1995-1991	12,000	1995-1995	13,000	1995-1992	10,000	C.F.	10,000	1995-1993	24,000	1995-1991	7,400	C.F.	40,000	1993
(ug/Kg)		15,000	1991-1983			19,000	1992-1986	11,000	C.F.	82,000	1993-1957	84,000	1991-1983	10,000	C.F.	150,000	1976
		14,000	1983-1976	59,000	1995-1990			15,000	C.F.	16,000	1957-1951	140,000	1983-1974	13,000	C.F.	ND	1964
mean: 34,101		20,000	1976-1968			74,000	1986-1980	23,000	C.F.	ND	1951-1946	68,000	1974-1966			25,000	1952
high: 280,000	55,000	67,000	1968-1960	93,000	1990-1989			28,000	C.F.			33,000	1966-1958				
	S-13	54,000	1960-1953	120,000	1989-1988	140,000	1980-1974	91,000	C.F.			4,800	1958-1949				
** #1 in river																	
						3,300	1974-1969										
top 20																	
above mean						280000**	1969-1963										

ND = Not detected
C.F. = Chronology Failed

932660012

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Semi-VOAs

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Benzo(b)fluoranthene	In site soil	1,100	1995-1991	2,400	1995-1995	1,500	1995-1992	1,100	C.F.	1,600	1995-1993	970	1995-1991	640	C.F.	4,300	1993
(ug/Kg)		1,200	1991-1983			1,800	1992-1986	1,600	C.F.	1,400	1993-1957	ND	1991-1983	810	C.F.	56,000	1976
		1,300	1983-1976	2,000	1995-1990			970	C.F.	560	1957-1951	2,200	1983-1974	1,100	C.F.	11,000	1964
mean: 2,865		1,100	1976-1968			1,200	1986-1980	1,300	C.F.	ND	1951-1946	1,000	1974-1966			600	1952
high: 100,000	4,500	1,400	1968-1960	1,700	1990-1989			1,400	C.F.			2,800	1966-1958				
	S-8	3,900	1960-1953	1,900	1989-1988	1,300	1980-1974	1,600	C.F.			1,700	1958-1949				
top 20																	
above mean						1,400	1974-1969										
						1,400	1969-1963										
Benzo(k)fluoranthene	In site soil	1,300	1995-1991	1,900	1995-1995	1,200	1995-1992	1,200	C.F.	1,100	1995-1993	870	1995-1991	810	C.F.	2,900	1993
(ug/Kg)		1,700	1991-1983			1,200	1992-1986	9,900	C.F.	1,500	1993-1957	ND	1991-1983	780	C.F.	41,000	1976
		1,300	1983-1976	1,100	1995-1990			ND	C.F.	700	1957-1951	1,400	1983-1974	900	C.F.	10,000	1964
mean: 2,556		800	1976-1968			870	1986-1980	1,200	C.F.	ND	1951-1946	ND	1974-1966			250	1952
high: 63,000	2,000	1,000	1968-1960	1,400	1990-1989			890	C.F.			2,900	1966-1958				
	SS-14	3,000	1960-1953	1,800	1989-1988	1,000	1980-1974	ND	C.F.			1,400	1958-1949				
top 20																	
above mean						1,700	1974-1969										
						1,300	1969-1963										
Benzo(a)pyrene	In site soil	1,100	1995-1991	2,200	1995-1995	1,400	1995-1992	1,200	C.F.	1,400	1995-1993	940	1995-1991	920	C.F.	4,300	1993
(ug/Kg)		1,400	1991-1983			1,400	1992-1986	1,400	C.F.	1,400	1993-1957	ND	1991-1983	910	C.F.	54,000	1976
		1,300	1983-1976	1,700	1995-1990			ND	C.F.	680	1957-1951	1,700	1983-1974	940	C.F.	9,400	1964
mean: 3,231		1,000	1976-1968			1,100	1986-1980	1,100	C.F.	ND	1951-1946	1,000	1974-1966			560	1952
high: 130,000	3,700	1,400	1968-1960	1,800	1990-1989			1,200	C.F.			2,400	1966-1958				
	S-5	4,100	1960-1953	1,900	1989-1988	1,200	1980-1974	1,200	C.F.			1,700	1958-1949				
top 20																	
above mean						1,400	1974-1969										
						1,600	1969-1963										
Indeno(1,2,3-cd)pyrene	In site soil	ND	1995-1991	1,400	1995-1995	960	1995-1992	ND	C.F.	1,200	1995-1993	ND	1995-1991	400	C.F.	2,500	1993
(ug/Kg)		990	1991-1983			1,000	1992-1986	950	C.F.	1,200	1993-1957	ND	1991-1983	400	C.F.	32,000	1976
		880	1983-1976	1,300	1995-1990			ND	C.F.	ND	1957-1951	1,600	1983-1974	ND	C.F.	4,700	1964
mean: 1,886		ND	1976-1968			ND	1986-1980	850	C.F.	ND	1951-1946	ND	1974-1966			280	1952
high: 57,000	4,000	900	1968-1960	1,300	1990-1989			ND	C.F.			2,400	1966-1958				
	S-5	2,800	1960-1953	1,600	1989-1988	ND	1980-1974	ND	C.F.			1,200	1958-1949				
top 20																	
above mean						ND	1974-1969										
						970	1969-1963										
Dibenz(a,h)anthracene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	860	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	560	C.F.	19,000	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	1,700	1964
mean: 1,513		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high: 25,000	660	ND	1968-1960	ND	1990-1989			ND	C.F.			1,300	1966-1958				
	S-5	1,400	1960-1953	830	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
top 20																	
above mean						ND	1974-1969										
						ND	1969-1963										

ND = Not detected
C.F. = Chronology Failed

932660013

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Semi-VOAs

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Benzo(g,h,i)perylene	In site soil	ND	1995-1991	1,400	1995-1995	1,000	1995-1992	ND	C.F.	1,000	1995-1993	ND	1995-1991	ND	C.F.	2,400	1993
(ug/Kg)		1,000	1991-1983			1,100	1992-1986	960	C.F.	1,200	1993-1957	ND	1991-1983	390	C.F.	23,000	1976
		910	1983-1976	1,200	1995-1990			ND	C.F.	ND	1957-1951	1,500	1983-1974	ND	C.F.	3,600	1964
mean: 2,030		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			270	1952
high: 63,000	2,800	930	1968-1960	1,200	1990-1989			880	C.F.			2,500	1966-1958				
	S-5	2,400	1960-1953	1,600	1989-1988	930	1980-1974	ND	C.F.			1,400	1958-1949				
top 20 above mean						ND	1974-1969										
						930	1969-1963										
Di-n-butylphthalate	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	690	1993
		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	38,000	1976
mean: 2,434		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	2,100	1983-1974	ND	C.F.	4,200	1964
high: 4,900		810	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
	710	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
top 20 above mean	S-5	ND	1960-1953	690	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
						ND	1974-1969										
						ND	1969-1963										
1,2,4-Trichlorobenzene	Used on site	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	2,500	1993
		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	120,000	1976
mean: 252,240		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	11,000	1964
high: 1,100,000		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
	55,000	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
top 20 above mean	SS-19a	ND	1960-1953	690	1989-1988	ND	1980-1974	1,800	C.F.			ND	1958-1949				
						ND	1974-1969										
						ND	1969-1963										
Phenol	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	1,200	1993
		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	ND	1976
mean: 2,300		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	2,000	1964
high: 2,300		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
	54	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
top 20 above mean	SS-14	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
						ND	1974-1969										
						ND	1969-1963										
4-Chloroaniline	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	ND	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	ND	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	ND	1964
mean: 990		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high: 1,100	2,600	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-5	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
						ND	1974-1969										
top 20 above mean						1,100**	1969-1963										
**Highest hit in river																	

ND = Not detected
C.F. = Chronology Failed

932660014

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Semi-VOAs

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Butylbenzylphthalate	In site soil	ND	1995-1991	980	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	ND	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	ND	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	ND	1964
mean: 2,203		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high: 25,000	140	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-9	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
						ND	1974-1969										
top 20																	
above mean						ND	1969-1963										
Di-n-octylphthalate	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	5,000	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	1,600	1993-1957	1,000	1991-1983	ND	C.F.	170000**	1976
		ND	1983-1976	1,400	1995-1990			ND	C.F.	710	1957-1951	5,000	1983-1974	430	C.F.	48,000	1964
mean: 4,832		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	1,900	1974-1966			2,200	1952
high: 25,000	72	1,700	1968-1960	2,900	1990-1989			1,500	C.F.			22,000	1966-1958				
	S-9	6,300	1960-1953	5,000	1989-1988	1,900	1980-1974	7,000	C.F.			ND	1958-1949				
						9,300	1974-1969										
top 20																	
above mean						4,900	1969-1963										
**Highest hit in river																	
Acenaphthylene	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	720	1993
(ug/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	8,700	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	1,900	1964
mean: 2,036		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high: 17,000	560	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	SS-18	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
						ND	1974-1969										
top 20																	
above mean						ND	1969-1963										

ND = Not detected
C.F. = Chronology Failed

932660015

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
PCBs

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Aroclor 1248	In site soil	330	1995-1991	326	1995-1995	173	1995-1992	388	C.F.	ND	1995-1993	357	1995-1991	1,180	C.F.	6,020	1993
(ug/Kg)		428	1991-1983			249	1992-1986	210	C.F.	800	1993-1957	2,020	1991-1983	2,010	C.F.	ND	1976
		405	1983-1976	386	1995-1990			380	C.F.	665	1957-1951	2,250	1983-1974	1,410	C.F.	ND	1964
mean: 1,986		295	1976-1968			260	1986-1980	382	C.F.	ND	1951-1946	4,490	1974-1966			6,080	1952
high: 21,900	16,000	586	1968-1960	1,070	1990-1989			4,910	C.F.			4,720	1966-1958				
	S-1	3,150	1960-1953	1,280	1989-1988	414	1980-1974	21,900**	C.F.			ND	1958-1949				
top 20 above mean						2,850	1974-1969										
** #1 in river						3,250	1969-1963										
Aroclor 1254	In site soil	301	1995-1991	457	1995-1995	172	1995-1992	435	C.F.	442	1995-1993	221	1995-1991	ND	C.F.	ND	1993
(ug/Kg)		491	1991-1983			262	1992-1986	321	C.F.	765	1993-1957	909	1991-1983	ND	C.F.	ND	1976
		368	1983-1976	334	1995-1990			384	C.F.	368	1957-1951	ND	1983-1974	ND	C.F.	ND	1964
mean: 1,575		262	1976-1968			211	1986-1980	554	C.F.	ND	1951-1946	2,370	1974-1966			ND	1952
high: 18,100	1,900	485	1968-1960	1,050	1990-1989			2,040	C.F.			2,970	1966-1958				
	S-7	ND	1960-1953	1,120	1989-1988	254	1980-1974	7,070	C.F.			ND	1958-1949				
** #1 in river						1,450	1974-1969										
top 20 above mean						1,670	1969-1963										

ND = Not detected
C.F. = Chronology Failed

932660016

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Inorganics

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Antimony	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	33.6	C.F.	ND	1993
(mg/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	29	C.F.	35.6	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	28.4	C.F.	10.1	1964
mean: 850		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high: 7,560	17.8	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-7	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			ND	1958-1949				
top 20 above mean						ND	1974-1969										
						ND	1969-1963										
Arsenic	In site soil	10.2	1995-1991	10.1	1995-1995	11.9	1995-1992	12.6	C.F.	11.9	1995-1993	16.6	1995-1991	12.7	C.F.	8.9	1993
(mg/Kg)		9	1991-1983			13	1992-1986	9.6	C.F.	14.3	1993-1957	21.9	1991-1983	21.9	C.F.	33.4	1976
		10	1983-1976	11.5	1995-1990			16.8	C.F.	9.2	1957-1951	22.1	1983-1974	10.8	C.F.	12.1	1964
mean: 20.01		10.4	1976-1968			17.6	1986-1980	13.1	C.F.	ND	1951-1946	37.8	1974-1966			6.8	1952
high: 125	15.4	14.9	1968-1960	16.6	1990-1989			33.1	C.F.			49.3	1966-1958				
	S-5	21.1	1960-1953	15.1	1989-1988	17	1980-1974	75.1	C.F.			106	1958-1949				
top 20 above mean						34.9	1974-1969										
						21.8	1969-1963										
Beryllium	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	1.1	C.F.	1.0	1993
		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	0.97	C.F.	ND	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	1.4	C.F.	ND	1964
mean: 0.92		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			0.52	1952
high: 1.30	8.0	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-11	ND	1960-1953	ND	1989-1988	ND	1980-1974	ND	C.F.			0.91	1958-1949				
top 20 above mean						ND	1974-1969										
						ND	1969-1963										
Cadmium	In site soil	2.9	1995-1991	4.1	1995-1995	4.3	1995-1992	4.5	C.F.	4.7	1995-1993	5.8	1995-1991	5	C.F.	7.9	1993
		3.6	1991-1983			5.4	1992-1986	4.3	C.F.	7.2	1993-1957	15.6	1991-1983	13.5	C.F.	7.8	1976
		3.6	1983-1976	5.9	1995-1990			6.3	C.F.	3.9	1957-1951	15.8	1983-1974	9.5	C.F.	2.5	1964
mean: 11.77		3.7	1976-1968			5.7	1986-1980	10.9	C.F.	ND	1951-1946	17.5	1974-1966			2.3	1952
high: 39.6	141	5.9	1968-1960	11.8	1990-1989			39.6	C.F.			20.3	1966-1958				
	S-11	6.2	1960-1953	11.4	1989-1988	9.6	1980-1974		C.F.			15.1	1958-1949				
top 20 above mean						21.3	1974-1969										
						21.5	1969-1963										
Copper	Used on site	197	1995-1991	183	1995-1995	202	1995-1992	169	C.F.	195	1995-1993	240	1995-1991	225	C.F.	237	1993
(mg/Kg)		195	1991-1983			234	1992-1986	198	C.F.	253	1993-1957	615	1991-1983	480	C.F.	683	1976
		184	1983-1976	244	1995-1990			196	C.F.	118	1957-1951	479	1983-1974	290	C.F.	247	1964
mean: 312		168	1976-1968			233	1986-1980	225	C.F.	4.8	1951-1946	497	1974-1966			43.2	1952
high: 3,020	1,050	263	1968-1960	352	1990-1989			317	C.F.			634	1966-1958				
	S-9	306	1960-1953	364	1989-1988	407	1980-1974	902	C.F.			633	1958-1949				
top 20 above mean						605	1974-1969										
						652	1969-1963										

ND = Not detected
C.F. = Chronology Failed

932660017

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Inorganics

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Chromium	In site soil	158	1995-1991	111	1995-1995	181	1995-1992	136	C.F.	122	1995-1993	227	1995-1991	235	C.F.	207.0	1993
(mg/Kg)		141	1991-1983			200	1992-1986	136	C.F.	217	1993-1957	741	1991-1983	410	C.F.	117.0	1976
		161	1983-1976	180	1995-1990			159	C.F.	147	1957-1951	450	1983-1974	221	C.F.	43.1	1964
mean: 307		136	1976-1968			233	1986-1980	178	C.F.	3.6	1951-1946	758	1974-1966			35.6	1952
high: 2,160	92.6	258	1968-1960	343	1990-1989			454	C.F.			1,190	1966-1958				
	S-1	306	1960-1953	357	1989-1988	428	1980-1974	2,160	C.F.			678	1958-1949				
top 20 above mean						961	1974-1969										
						871	1969-1963										
Lead	In site soil	225	1995-1991	287	1995-1995	238	1995-1992	218	C.F.	269	1995-1993	352	1995-1991	239	C.F.	238	1993
(mg/Kg)		254	1991-1983			288	1992-1986	274	C.F.	362	1993-1957	652	1991-1983	657	C.F.	535	1976
		219	1983-1976	335	1995-1990			249	C.F.	199	1957-1951	722	1983-1974	385	C.F.	669	1964
mean: 462		199	1976-1968			252	1986-1980	284	C.F.	1.9	1951-1946	647	1974-1966			59.4	1952
high: 17,900	1,430	301	1968-1960	598	1990-1989			354	C.F.			600	1966-1958				
	S-5	354	1960-1953	588	1989-1988	424	1980-1974	608	C.F.			569	1958-1949				
top 20 above mean						670	1974-1969										
						753	1969-1963										
Mercury	In site soil	3.6	1995-1991	3	1995-1995	3.9	1995-1992	3.2	C.F.	3.5	1995-1993	5.4	1995-1991	3.3	C.F.	3.2	1993
(mg/Kg)		3.6	1991-1983			4.4	1992-1986	4.9	C.F.	5.4	1993-1957	27.8	1991-1983	2.9	C.F.	0.5	1976
		3.7	1983-1976	4	1995-1990			3.8	C.F.	3	1957-1951	9.7	1983-1974	2.9	C.F.	0.28	1964
mean: 6.92		3.4	1976-1968			5.6	1986-1980	4.2	C.F.	ND	1951-1946	12.3	1974-1966			0.22	1952
high: 28.3	96.3	6.7	1968-1960	7.8	1990-1989			10.5	C.F.			14	1966-1958				
	S-1	7.4	1960-1953	8.2	1989-1988	11.2	1980-1974	28.3	C.F.			16	1958-1949				
top 20 above mean						16.1	1974-1969										
						20.4	1969-1963										
Nickel	In site soil	42.2	1995-1991	38.8	1995-1995	41.4	1995-1992	34.7	C.F.	37.7	1995-1993	47.1	1995-1991	64.4	C.F.	178	1993
(mg/Kg)		39.5	1991-1983			46.3	1992-1986	40.6	C.F.	47.7	1993-1957	147	1991-1983	84.5	C.F.	17.7	1976
		44.8	1983-1976	45.6	1995-1990			37.2	C.F.	24.8	1957-1951	75.9	1983-1974	61.5	C.F.	9.5	1964
mean: 56.65		33.6	1976-1968			43.5	1986-1980	43.5	C.F.	4.1	1951-1946	74.2	1974-1966			9.8	1952
high: 369	52	44.4	1968-1960	65.5	1990-1989			62.6	C.F.			85	1966-1958				
	S-13	50		67.3	1989-1988	83.1	1980-1974	229	C.F.			53.5	1958-1949				
top 20 above mean						97.2	1974-1969										
						124	1969-1963										
Selenium	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	1.6	C.F.	ND	1993
(mg/Kg)		ND	1991-1983			ND	1992-1986	1.1	C.F.	1.3	1993-1957	ND	1991-1983	1.7	C.F.	ND	1976
		ND	1983-1976	1.3	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	1.3	C.F.	ND	1964
mean:		0.99	1976-1968			1.1	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			ND	1952
high:	2.5	1.3	1968-1960	1.4	1990-1989			1.7	C.F.			ND	1966-1958				
	S-5	1.7		1.3	1989-1988	1.6	1980-1974	3.7	C.F.			4.2	1958-1949				
top 20 above mean						2.1	1974-1969										
						2	1969-1963										

ND = Not detected
C.F. = Chronology Failed

932660018

Alliance Chemical
Transects 1, 2 and Samples 62 and 100
Inorganics

		TRANSECT 1						TRANSECT 2									
Contaminant	Site Use	Core 201	Dates	Core 202	Dates	Core 203	Dates	Core 204	Dates	Core 205	Dates	Core 206	Dates	Sample 62	Dates	Sample 100	Dates
Zinc	Used on site	449	1995-1991	556	1995-1995	440	1995-1992	390	C.F.	545	1995-1993	605	1995-1991	481	C.F.	478	1993
(mg/Kg)		495	1991-1983			540	1992-1986	558	C.F.	645	1993-1957	1,580	1991-1983	1,110	C.F.	600	1976
		414	1983-1976	634	1995-1990			472	C.F.	315	1957-1951	1,310	1983-1974	813	C.F.	212	1964
mean: 770		393	1976-1968			482	1986-1980	550	C.F.	10.8	1951-1946	1,300	1974-1966			97.1	1952
high: 3110	15,100	541	1968-1960	980	1990-1989			884	C.F.			1,340	1966-1958				
	SS-18	613		1,010	1989-1988	937	1980-1974	3110**	C.F.			1,000	1958-1949				
top 20																	
above mean						1,480	1974-1969										
** #1 in river																	
						1,680	1969-1963										
Cyanide	In site soil	ND	1995-1991	ND	1995-1995	ND	1995-1992	ND	C.F.	ND	1995-1993	ND	1995-1991	ND	C.F.	NA	1993
(mg/Kg)		ND	1991-1983			ND	1992-1986	ND	C.F.	ND	1993-1957	ND	1991-1983	ND	C.F.	NA	1976
		ND	1983-1976	ND	1995-1990			ND	C.F.	ND	1957-1951	ND	1983-1974	ND	C.F.	NA	1964
mean: 1.24		ND	1976-1968			ND	1986-1980	ND	C.F.	ND	1951-1946	ND	1974-1966			NA	1952
high: 2.7	16.3	ND	1968-1960	ND	1990-1989			ND	C.F.			ND	1966-1958				
	S-11	ND	1960-1953	ND	1989-1988	ND	1980-1974	2.7**	C.F.			ND	1958-1949				
top 20																	
above mean						1.1	1974-1969										
** #1 in river																	
						ND	1969-1963										

ND = Not detected
C.F. = Chronology Failed

B

932660020

PFISTER CHEMICAL, INC.

TAB B

July 26, 2000 New Jersey Department of the Treasury, Division of Revenue Status Report for Pfister Chemical, Inc.

New Jersey Department of the Treasury, Division of Revenue

Status Report For:

Business Name	Business ID Number	Transaction Number, Seq	Report Date
PFISTER CHEMICAL INC.	6972701000	111020 : 1	7/26/2000

Business Type:	DOMESTIC PROFIT CORPORATION
Status:	MERGED

Filing Date:	04/24/1936	**Home Jurisdiction:**	NJ
Status Change Date (If dissolved, withdrawn or canceled):	10/08/1986	**Stock Amount:**	0
DOR Suspension Start Date:		**DOR Suspension End Date:**	
Tax Suspension Start Date:		**Tax Suspension End Date:**	
Annual Report Month:	4	**Last Annual Report Filed: For Last AR Paid Year:**	

Incorporator:	X
Agent:	ALBERT BENDELIUS
Agent Address:	LINDEN AVE RIDGEFIELD, NJ 07657 0000
Office Address Status:	Deliverable

932660022

Main Business Address:	
Principal Business Address:	

Associated Names:

Name	Type Description

Next Status Report | Order Additional Business Information

Session Account Status | Transaction Detail Report

Home Page | Done

932660023

New Jersey Department of the Treasury, Division of Revenue

Status Report For:

Business Name	Business ID Number	Transaction Number, Seq	Report Date
PFISTER CHEMICAL INC.	0100313520	52460 : 2	12/7/1999

Business Type:	FOREIGN PROFIT CORPORATION
Status:	ACTIVE

Filing Date:	09/19/1986	**Home Jurisdiction:**	MD
Status Change Date (If dissolved, withdrawn or canceled):		**Stock Amount:**	0
DOR Suspension Start Date:		**DOR Suspension End Date:**	
Tax Suspension Start Date:		**Tax Suspension End Date:**	
Annual Report Month:	4	**Last Annual Report Filed:** **For Last AR Paid Year:**	09/11/1998 1998

Incorporator:	
Agent:	THE CORPORATION TRUST COMPANY
Agent Address:	820 BEAR TAVERN ROAD TRENTON, NJ 08628 0000
Office Address Status:	Deliverable
Main Business Address:	FT OF LINDEN AVE RIDGEFIELD, NJ 07657
Principal Business Address:	FT OF LINDEN AVE RIDGEFIELD, NJ 07657

Associated Names:

Name	Type Description

932660024