660132

ROUND 2

SAMPLE IDENTIFICATION NUMBERS
TONOLLI CORPORATION SUPERFUND SITE
NESQUEHONING, PENNSYLVANIA

LAB I.D.	RIZZO SAMPLE I.D.	LAB I.D.	RIZZO SAMPLE I.D.
1663430	SO-OFF1	1670710	SO-S-63-0
1663431	SO-OFF1	1670711	SO-S-64-0
1663432	SO-OFF1	1670712	SO-S-65-0
1663433	SO-OFF2	1670713	SO-S-66-0
1663434	SO-OFF3	1670714	SO-S-67-0
1663435	SO-OFF4	1670715	SO-S-68-0
1663436	SO-OFF5	1670716	SO-S-69-0
1663437	SO-OFF6	1670717	SO-S-70-0
1663438	SO-OFF7	1670718	SO-S-71-0
1663439	SO-OFF8	1670719	SO-S-72-0
1663440	SO-OFF9	1670720	SO-S-73-0
1663441	SO-OFF10	1670721	SO-S-73MS-0
1663442	SO-OFF11	1670722	SO-S-73MSD-0
1663443	SO-OFF12	1670723	SO-S-74-0
1663444	SO-OFF13	1670724	SO-S-100-0
1663445	SO-OFF14	1670725	SO-S-75-0
1663446	SO-OFF15	1670726	SO-S-76-0
1663447	SO-OFF16	1670727	SO-S-77-0
1663448	SO-OFF17	1670728	EB-1
1663449	SO-OFF18	1670729	TB-1
1663450	SO-OFF19	1670733	SO-S45-8
1663451	SO-OFF20	1670734	SO-S46-1
1663452	Trip Blank	1670735	SO-S46-7
1663453	EB-1 Equipment Blank	1670736	SO-S47-1
1663454	SO-OFF-21	1670737	SO-S47-3
1663455	SO-OFF-22	1670738	SO-S48-1
1663456	SO-OFF-23	1670739	SO-S48-3
1663457	SO-OFF-24	1670740	SO-S49-1.5
1663458	SO-OFF-25	1670741	SO-S49-3
1663459	SO-OFF-26	1670742	SO-S49-1.5
1663460	SO-OFF-27	1670743	SO-S51-3
1663461	SO-OFF-28	1670744	SO-S52-3
1663462	SO-OFF-29	1670745	SO-S52-3MS
1663463	SO-OFF-30	1670746	SO-S52-3MSD
1663464	SO-OFF-31	1670747	SO-S53-1.5
1663465	SO-OFF-32	1670748	SO-S53-3.0
1663466	SO-OFF-32	1670749	SO-S54-1.5
1663467	SO-OFF-32	1670750	SO-S54-2.0
1663468	SO-OFF-33	1670751	EB-2
1663469	SO-OFF-34	1671322	SO-S-55-1

SAMPLE IDENTIFICATION NUMBERS
TONOLLI CORPORATION SUPERFUND SITE
NESQUEHONING, PENNSYLVANIA

LAB I.D.	RIZZO SAMPLE I.D.	LAB I.D.	RIZZO SAMPLE I.D.
1671323	SO-S-55-3	1672535	EB-4
1671324	SO-S-56-1.5	1673016	GW-RD2-12D
1671325	SO-S-56-5	1673017	GW-RD2-15D
1671326	SO-S-57-1.5	1673018	GW-RD2-15DMS
1671327	SO-S-57-3.0	1673019	GW-RD2-15DMSD
1671328	SO-S-58-1	1673020	GW-RD2-17S
1671329	SO-S-58-3	1673021	GW-RD2-13D
1671330	SO-S-59-1.5	1673022	GW-RD2-18D
1671331	SO-S-59-6	1673023	GW-RD2-13S
1671332	SO-S-60-1	1673024	GW-RD2-18S
1671333	SO-S-60-5	1673025	GW-RD2-11D
1671334	SO-S-61-3	1673026	GW-RD2-19S
1671335	SO-S-61-5	1673028	GW-RD2-12D
1671336	SO-S-62-1	1673029	GW-RD2-15D
1671337	SO-S-62MS-1	1673030	GW-RD2-15D-MS
1671338	SO-S-62MSD-1	1673031	GW-RD2-15D-MSD
1671339	SO-S-62-5	1673032	GW-RD2-17S
1671340	EB-3	1673033	GW-RD2-13D
1671341	TB-2	1673034	GW-RD2-18D
1671385	SO-S58-4	1673035	GW-RD2-13S
1671397	TCLP SO-S-45-3	1673036	GW-RD2-18S
1671398	TCLP SO-S-59-2	1673037	GW-RD2-11D
1671399	TCLP SO-S-61-3	1673038	GW-RD2-19S
1671400	TCLP SO-S-62-1	1673044	GW-RD2-10S
1671401	TCLP SO-S-62-1	1673045	GW-RD2-12S
1672506	GW-RD2-19D	1673046	GW-RD2-15S
1672507	GW-RD2-17D	1673064	GW-RD2-10S
1672508	GW-RD2-16D	1673065	GW-RD2-12S
1672509	GW-RD2-10D	1673066	GW-RD2-15S
1672510	GW-RD2-16S	1675128	GW-RD2-14S
1672511	GW-RD2-14D	1675129	GW-RD2-11S
1672512	GW-RD2-100	1675130	GW-RD2-11S-MS
1672513	EB-4	1675131	GW-RD2-11S-MSD
1672514	TB-3	1675132	RD2-LFILL1
1672528	GW-RD2-19D	1675133	EB-5
1672529	GW-RD2-17D	1675134	GW-RD2-200
1672530	GW-RD2-16D	1675135	TB-4
1672531	GW-RD2-10D	1675144	GW-RD2-14S
1672532	GW-RD2-16S	1675145	GW-RD2-11S
1672533	GW-RD2-14D	1675146	GW-RD2-11S-MS
1672534	GW-RD2-100	1675147	GW-RD2-11S-MSD

SAMPLE IDENTIFICATION NUMBERS
TONOLLI CORPORATION SUPERFUND SITE
NESQUEHONING, PENNSYLVANIA

LAB I.D.	RIZZO SAMPLE I.D.	LAB I.D.	RIZZO SAMPLE I.D.
1675148	RD2-LFILL1	1676004	RD2-SD-NC-7
1675149	EB-5	1676005	RD2-SD-NC-6
1675150	GW-RD2-200	1676006	RD2-SD-NC-5
1675151	VOID	1676007	RD2-SD-NC-4
1675166	WA-W12	1676373	RD2-SW-NC-3
1675167	WA-W13	1676374	RD2-SW-NC-2
1675168	WA-W14	1676375	RD2-SW-NC-1
1675169	WA-W15	1676376	RD2-SW-NC-8
1675170	WA-W16	1676377	RD2-SW-NC-8-MS
1675171	WA-W17	1676378	RD2-SW-NC-8-MSD
1675172	TCLP-W12	1676379	RD2-SW-NC-13
1675173	TCLP-W13	1676380	EB-7
1675174	TCLP-W14	1676381	TB-6
1675175	TCLP-W15	1676388	RD2-SW-NC-3
1675176	TCLP-W16	1676389	RD2-SW-NC-2
1675177	TCLP-W17	1676390	RD2-SW-NC-1
1675979	RD2-P1	1676391	RD2-SW-NC-8
1675980	RD2-P2	1676392	RD2-SW-NC-8-MS
1675981	RD2-P1	1676393	RD2-SW-NC-8-MSD
1675982	RD2-P2	1676394	RD2-SW-NC-13
1675983	RD2-SW-NC-12	1676395	EB-7
1675984	RD2-SW-NC-11	1676423	RD2-SD-NC-8
1675985	RD2-SW-NC-10	1676424	RD2-SD-NC-1
1675986	RD2-SW-NC-9	1676425	RD2-SD-NC-2
1675987	RD2-SW-NC-7	1676426	RD2-SD-NC-2-MS
1675988	RD2-SW-NC-6	1676427	RD2-SD-NC-2-MSD
1675989	RD2-SW-NC-5	1676428	RD2-SD-NC-3
1675990	RD2-SW-NC-4	1676429	RD2-SD-NC-13
1675991	RD2-SW-NC-12	1676430	EB-6
1675992	RD2-SW-NC-11	1676431	VOID
1675993	RD2-SW-NC-10	1676432	TB-5
1675994	RD2-SW-NC-9	1688267	SO-OFF3
1675995	RD2-SW-NC-7	1688268	SO-OFF4
1675996	RD2-SW-NC-6	1688269	SO-OFF4
1675997	RD2-SW-NC-5	1688270	SO-OFF4
1675998	RD2-SW-NC-4	1688271	SO-OFF8
1676000	RD2-SD-NC-12	1688272	SO-OFF12
1676001	RD2-SD-NC-11	1688273	SO-OFF14
1676002	RD2-SD-NC-10	1688274	SO-OFF17
1676003	RD2-SD-NC-9	1688275	SO-OFF18

5913

Analysis Request and Chain of Custody

1663430-51

RECEIVED

JUN 0 1 1991

RIZZO ASSOCIATES

PO #102 9497

Lancaster Laboratories
Where quality is a science.

Please print. Circled numbers correspond with instructions on reverse side.

(1) Client: Tonolli Technical Steering Committee Acct. #:
Project Name/#: TONOLLI CORPORATION SUPERFUND SITE
Project Manager: BILL SMITH P.O. #:
Sampler: DAC/MPB Quote #:

(4) (5) Analysis Requested

For LLI use only:
FSC:

(2) (3) (6)

Sample Identification	Collected	Collected						Pb								Remarks
SO-OFF1	5-9-91	1122	X		1	X		X								(LEAD ONLY)
SO-OFF-2	5-9-91	1140	X		1	X		X								"
SO-OFF-3	5-9-91	1150	X		1	X		X								"
SO-OFF-4	5-9-91	1215	X		1	X		X								"
SO-OFF-5	5-9-91	1225	X		1	X		X								"
SO-OFF-6	5-9-91	1240	X		1	X		X								"
SO-OFF-7	5-9-91	1250	X		1	X		X								"
SO-OFF-8	5-9-91	1300	X		1	X		X								"
SO-OFF-9	5-9-91	1315	X		1	X		X								"
SO-OFF-10	5-9-91	1330	X		1	X		X								"

(7) Turnaround time requested: (Please circle) Normal Rush (Rush TAT is subject to LLI approval and surcharge.)
Rush results requested by: (Please circle) Fax Fax #:
Phone Phone #:
LLI contact: CINDY SMITH.

(8) Data package options: (Please circle if requested.)
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA CLP
When requesting site specific QC, please indicate QC sample and submit triplicate volume.
Lab Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/9/91	1530	[signature]	5/2/91	1530
Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5-10-91		[signature]	5/10/91	1345
Relinquished by:	Date	Time	Received for LLI by:	Date	Time
			Phillip Eisenstock	5/10/91	1600

(10) In case we have questions when samples arrive, LLI should call:
Name BILL SMITH
Phone 1-302 454-7902
Send report to: RIZZO ASSOC.
220 CONTINENTAL DRIVE SUITE 311
NEWARK, DE 19713

AR303325

5913

Analysis Request and Chain of Custody

1663430-51

Lancaster Laboratories
Where quality is a science.

BD #162949 7

Please print. Circled numbers correspond with instructions on reverse side.

(1)
Client: Tonolli Technical Steering Committee Acct. #:
Project Name/#: TONOLLI CORPORATION SUPERFUND SITE
Project Manager: BILL SMITH P.O. #:
Sampler: DAC/MPB Quote #:

For LLI use only:
FSC:

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

Sample Identification	Date Collected	Time Collected							Pb	Remarks
SO-OFF-11	5-9-91	1345	X		1	X			X	
SO-OFF-12	5-9-91	1505	X		1	X			X	
SO-OFF-13	5-9-91	1515	X		1	X			X	
SO-OFF-14	5-9-91	1525	X		1	X			X	
SO-OFF-15	5-9-91	1540	X		1	X			X	
SO-OFF-16	5-9-91	1550	X		1	X			X	
SO-OFF-17	5-9-91	1600	X		1	X			X	
SO-OFF-18	5-9-91	1610	X		1	X			X	
SO-OFF-19	5-9-91	1620	X		1	X			X	
SO-OFF-20	5-9-91	1650	X		1	X			X	

(7)
Turnaround time requested: (Please circle) (Normal) Rush (Rush TAT is subject to LLI approval and surcharge.)
Rush results requested by: (Please circle) Fax Fax #:
Phone Phone #:
LLI contact: CINDY SMITH

(8)
Data package options: (Please circle if requested.)
QC Summary
Tier I (NJ)
Tier II (NJ)
(EPA CLP)
When requesting site specific QC, please indicate QC sample and submit triplicate volume.
Lab Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/2/91	1530	[signature]	5-2-91	
Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/2/91		[signature]	5/10/91	1345
Relinquished by:	Date	Time	Received for LLI by:	Date	Time
			Phillip Eshenshade	5/10/91	1600

(10)
In case we have questions when samples arrive, LLI should call:
Name BILL SMITH
Phone 302-454-7902
Send report to: RIZZO ASSOC.
220 CONTINENTAL DRIVE SUITE 311
NEWARK DE, 19713

5913

Analysis Request and Chain of Custody

1663452 - 69

Lancaster Laboratories
Where quality is a science.

#102949?

Please print. Circled numbers correspond with instructions on reverse side.

(1) Client: Tonolli Technical Steering Committee Acct. #:
Project Name/#: TONOLLI CORPORATION SUPERFUND SITE
Project Manager: BILL SMITH P.O. #:
Sampler: DAC / MAB Quote #:

(4) [redacted]

(5) [redacted]

For LLI use only:
FSC:

(2) [redacted] (3) (6)

Sample Identification	Collection Date	Collection Time							Pb (LEAD)								Remarks
SO-OFF-21	5-9-91	1700	X		1	X			X								
SO-OFF-22	5-9-91	1730	X		1	X			X								
SO-OFF-23	5-9-91	1740	X		1	X			X								
SO-OFF-24	5-9-91	1755	X		1	X			X								
SO-OFF-25	5-9-91	1810	X		1	X			X								
SO-OFF-26	5-10-91	0930	X		1	X			X								
SO-OFF-27	5-10-91	940	X		1	X			X								
SO-OFF-28	5-10-91	1000	X		1	X			X								
SO-OFF-29	5-10-91	1030	X		1	X			X								
SO-OFF-30	5-10-91	1050	X		1	X			X								

(7) Turnaround time requested: (Please circle) Normal Rush (Rush TAT is subject to LLI approval and surcharge.)
Rush results requested by: (Please circle) Fax Fax #:
Phone Phone #:
LLI contact:

(8) Data package options: (Please circle if requested.)
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA CLP
When requesting site specific QC, please indicate QC sample and submit triplicate volume.
Lab Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/9/91	1530	[signature]	5-2-91	1530
Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/10/91		[signature]	5/10/91	1345
Relinquished by:	Date	Time	Received for LLI by:	Date	Time
			Phillip Eisenstrom	5/10/91	1600

(10) In case we have questions when samples arrive, LLI should call:
Name BILL SMITH
Phone 302 454-7902
Send report to: R1220
220 CONTINENTAL DR. SUITE 311
NEWARK, DE 19713

AR303327

5913

Analysis Request and Chain of Custody

1663452 - 69

Lancaster Laboratories
Where quality is a science.

BD#102997

Please print. Circled numbers correspond with instructions on reverse side.

(1) Client: TONOLLI TECHNICAL COMMITTEE. Acct. #:
Project Name/#: TONOLLI CORPORATION SUPERFUND SITE
Project Manager: BILL SMITH PROJECT # ~~P.O. #~~: 84-589
Sampler: DAC / MPB Quote #:

(4) (5) For LLI use only: FSC:

(2) (3) (6)

Sample Identification	Collected	Collected							Rb								Remarks
SO-OFF-31	5-10-91	1100	X		1	X			X								
SO-OFF-32 (MATRIX SPIKE) (MSD)	5-10-91	1130	X		1	X			X								TAKE MATRIX SPIKE AND DUPLICATE FROM SAMPLE
SO-OFF-33	5-9-91	1900	X		1	X			X								
SO-OFF-34	5-10-91	1140	X		1	X			X								
EB-1	5-10-91	0830	X		1		X		X								EQUIPMENT BLANK
TRIP BLANK 1029667	5-10-91	—	X		1			X	X								TRIP BLANK.

(7) Turnaround time requested: (Please circle) Normal Rush (Rush TAT is subject to LLI approval and surcharge.)
Rush results requested by: (Please circle) Fax Fax #: Phone Phone #:
LLI contact: CINDY SMITH

(8) Data package options: (Please circle if requested.)
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA CLP
When requesting site specific QC, please indicate QC sample and submit triplicate volume.
Lab Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/2/91	1530	[signature]	5/2/91	1530
Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5-10-91		[signature]	5-10-91	1345
Relinquished by:	Date	Time	Received by:	Date	Time
			[signature]	5/10/91	1600

(10) In case we have questions when samples arrive, LLI should call:
Name BILL SMITH
Phone 302-454-7902
Send report to: PAUL C. RIZZO ASSOCIATES
SUITE 311 ~~3300~~ 220 CONTINENTAL DR
NEWARK, DE 19713

AR303328

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.:TON16_

SOW No.: 3/90_

EPA Sample No.	Lab Sample ID
_SO1--_____	__1663430_____
_SO10-_____	__1663441_____
_SO11-_____	__1663442_____
_SO12-_____	__1663443_____
_SO13-_____	__1663444_____
_SO14-_____	__1663445_____
_SO15-_____	__1663446_____
_SO16-_____	__1663447_____
_SO17-_____	__1663448_____
_SO18-_____	__1663449_____
_SO19-_____	__1663450_____
_SO2--_____	__1663433_____
_SO20-_____	__1663451_____
_SO3--_____	__1663434_____
_SO4--_____	__1663435_____
_SO5--_____	__1663436_____
_SO6--_____	__1663437_____
_SO7--_____	__1663438_____
_SO8--_____	__1663439_____
_SO9--_____	__1663440_____

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Ramona V Layman Name: Ramona V Layman

Date: 7/3/91 Title: Group Leader I

SAMPLE DATA

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO1--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663430___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _54.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	768			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO10-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663441___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _87.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	103			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO11-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663442___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	11.5			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO12-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663443___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _85.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	152			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
_____	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO13-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663444___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	142			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO14-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663445___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _82.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	96.5			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO15-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663446___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _92.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	93.2			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO16-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663447___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _88.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	93.6			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

SO17-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663448___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _89.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	419			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO18-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663449___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _91.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	132			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDI

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S019-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663450___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _92.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	438			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO2--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663433___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _55.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	266			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO20-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663451___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _92.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	270			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO3--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663434___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _86.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	16.9			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

SO4--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663435___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _75.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	10300			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S05--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663436___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _90.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	770			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO6--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663437___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _91.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	308			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S07--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663438___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	378			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S08--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663439___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _89.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	85.9			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S09--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON16_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663440___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _88.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	83.4			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.:TON17_

SOW No.: 3/90_

EPA Sample No.	Lab Sample ID
EQUI-	1663453
SO21-	1663454
SO22-	1663455
SO23-	1663456
SO24-	1663457
SO25-	1663458
SO26-	1663459
SO27-	1663460
SO28-	1663461
SO29-	1663462
SO30-	1663463
SO31-	1663464
SO32-	1663465
SO33-	1663468
SO34-	1663469
TRIP-	1663452

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Betsy S. Menefee Name: BETSY S MENEFEE

Date: 6/13/91 Title: CHEMIST III / COORDINATOR

SAMPLE DATA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EQUI-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): WATER Lab Sample ID: 1663453___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: _____ Texture: _____

Color After: CLEAR____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

SO21-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663454___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _93.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	142			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

SO22-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663455___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _94.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	71.6			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

SO23-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663456___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _86.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	275			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

SO24-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663457___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _85.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	291			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

S025-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663458___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _95.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	29.3			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: FINE__

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO26-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663459___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _94.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	166			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

S027-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663460___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _93.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	27.8			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

SO28-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663461___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	72.4			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

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EPA SAMPLE NO.

SO29-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663462___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _60.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	183			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO30-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663463___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _37.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	221			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S031-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663464___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _47.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	450			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO32-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663465___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _83.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	513			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S033-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663468___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _84.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	194			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303366

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S034-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): SOIL_ Lab Sample ID: 1663469___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: _48.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	540			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

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AR303367

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TRIP-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON17_

Matrix (soil/water): WATER Lab Sample ID: 1663452___

Level (low/med): LOW__ Date Received: 05/10/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

AR303368

Analysis Request/Environmental Services

Lancaster Laboratories
Where quality is a science.

#5913
16:70716-29

Chain of Custody

(A)

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

Client: Paul C. Rizzo Assoc. Acct. #:
Project Name/#: Tonolli Corporation
Project Manager: William Smith P.O. #:
Sampler: AHT Quote #:

For LLI use only
FSC:
SCR #: 16 3413

Sample Identification	Date	Time	(3)		(4) Matrix				(5) Analyses Requested: Cd, Cu, As, Zn, Pb, pH, TOC, Moist. (600m)							Remarks
S-63-0	5/29/91	1320	X		X				1	1						
S-64-0	5/29/91	1340	X		X				1	1						
S-65-0	5/29/91	1420	X		X				1	1						
S-66-0	5/29/91	1510	X		X				1	1						
S-67-0	5/29/91	1530	X		X				1	1						
S-68-0	5/29/91	1550	X		X				1	1						
S-69-0	5/29/91	1620	X		X				1	1						
S-70-0	5/29/91	1640	X		X				1	1						
S-71-0	5/29/91	1740	X		X				1	1						
S-72-0	5/29/91	1800	X		X				1	1						

Turnaround time requested (please circle): (Normal) Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax.#:
Phone Phone #:

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
(EPA CLP)

Site-specific QC required? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required?
Yes (No)

Relinquished by:	Date	Time	Received by:	Date	Time
B. Steel	5/30/91	1630	Andrew H. Thalheimer	5/29	1100
Andrew H. Thalheimer	5/30/91	1630	Chris Singleton	5/30	1630
Chris Singleton	5/30	1910			
Relinquished by:	Date	Time	Received for LLI by:	Date	Time
			Deborah Mace	5/30/91	1910

AR303369

ANALYSIS REQUEST/ENVIRONMENTAL SERVICES

#5913

Chain of Custody

Lancaster Laboratories
Where quality is a science.

(A)

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

Client: PAUL C. RIZZO ASSOCIATES Acct. #:
Project Name/#: TONOLLI CORPORATION
Project Manager: BILL SMITH P.O. #:
Sampler: ALI THALHEIMER Quote #:

For LL Use only
FSC:
SCR #: 10 3013

Sample Identification	Date	Time	Matrix					Cu, Cd, Zn, Pb, As, PH	TOC, Moist. (500 mL)	TOC (125 mL)	Pb, Cu, Zn, As, Cd (500 mL)	Pb (500 mL)					Remarks
S-73-0	5/29/91	1840	X		X			1	1								
S-73MS-0	5/29/91	1840	X		X			1	1								MATRIX SPIKE
S-73MSD-0	5/29/91	1840	X		X			1	1								MATRIX SPIKE DUP
S-74	5/29/91	1915	X		X			1	1								
S-100-0	5/29/91		X		X			1	1								BLIND DUPLICATE
EB-1	5/29/91	1410	X			X		2		1	1						EQUIPMENT BLANK
TB-1	5/29/91		X			X		1				1					TRIP BLANK
S-75-0	5/30/91	1345	X		X			1	1								
S-76-0	5/30/91	1405	X		X			1	1								
S-77-0	5/30/91	1430	X		X			1	1								

Turnaround time requested (please circle) Normal Rush
(Rush TAT is subject to LL approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
CLP

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required?
Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
B Hall	5/28/91	1630	Andrew H. Thalheimer	5/29	1100
Relinquished by:	Date	Time	Received by:	Date	Time
Andrew H. Thalheimer	5/30/91	1650	Chas. Longlitz	5/30	1430
Relinquished by:	Date	Time	Received by:	Date	Time
Chas. Longlitz	5/30	1910			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received for LLI by:	Date	Time
			Deborah Nace	5/30/91	1910

AR303370

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.:TON18_

SOW No.: 3/90_

EPA Sample No.	Lab Sample ID
EB1--	1670728
S1000	1670724
S630-	1670710
S640-	1670711
S650-	1670712
S660-	1670713
S670-	1670714
S680-	1670715
S690-	1670716
S700-	1670717
S710-	1670718
S720-	1670719
S730-	1670720
S730- D	1670722
S730- S	1670721
S740-	1670723
S750-	1670725
S760-	1670726
S770-	1670727
TB1--	1670729

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: [signature] Name: Debora K. Gifford

Date: 7/18/91 Title: Group Leader AA metals

SAMPLE DATA

AR303372

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EB1--

ıb Name: LANCASTER_LABORATORIES_IN Contract: _____

ıb Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

ıtrix (soil/water): WATER Lab Sample ID: 1670728___

ɜvel (low/med): LOW__ Date Received: 05/30/91

Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	5.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	6.7	B		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	15.0	U		P
	Cyanide__				NR

ɔlor Before: _____ Clarity Before: _____ Texture: _____

ɔlor After: _____ Clarity After: _____ Artifacts: _____

ɔmments:

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EB1--

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

atrix (soil/water): WATER Lab Sample ID: 1670728___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U	*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	5.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	6.7	B	*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	15.0	U		P
	Cyanide__				NR

olor Before: _____ Clarity Before: _____ Texture: _____

olor After: _____ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S1000

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670724___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _91.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	7.1		*	F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	26.1		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	117			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	52.6			P
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S630-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670710___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _86.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	4.5		*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.1	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	13.8		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	117			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	77.4			P
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S640-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670711___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _94.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	7.7		*	F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	13.0		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	82.8			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	38.3			P
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S650-

.ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

:atrix (soil/water): SOIL_ Lab Sample ID: 1670712___

.evel (low/med): LOW__ Date Received: 05/30/91

Solids: _87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	411		*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	12.7			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	75.1		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	13100			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	370			P
	Cyanide__				NR

:olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S660-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

'atrix (soil/water): SOIL_ Lab Sample ID: 1670713___

evel (low/med): LOW__ Date Received: 05/30/91

. Solids: _92.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	8.5		+*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	31.6		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	126			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	59.2			P
	Cyanide__				NR

olor Before: BROWN____ Clarity Before: _____ Texture: FINE__

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S670-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

atrix (soil/water): SOIL_ Lab Sample ID: 1670714___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _87.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	41.4		*	F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.6			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	126		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	5950			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	112			P
	Cyanide__				NR

olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S680-

.ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

:atrix (soil/water): SOIL_ Lab Sample ID: 1670715___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	6.3		*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	24.2		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	116			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	50.5			P
	Cyanide__				NR

olor Before: BROWN____ Clarity Before: _____ Texture: FINE__

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S690-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

atrix (soil/water): SOIL_ Lab Sample ID: 1670716___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _91.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.1	U	W*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	39.6		*	P
7439-89-6	Iron				NR
7439-92-1	Lead	807			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	63.9			P
	Cyanide				NR

olor Before: BROWN____ Clarity Before: _____ Texture: FINE__

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S700-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670717___

Level (low/med): LOW__ Date Received: 05/30/91

Solids: _86.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	31.6		*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	167		*	P
7439-89-6	Iron				NR
7439-92-1	Lead	1990			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	70.1			P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: _____ Texture: FINE__

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S710-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670718___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _99.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	45.4		*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	9.8	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3120		*	P
7439-89-6	Iron				NR
7439-92-1	Lead	383			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	87.9			P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S720-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

atrix (soil/water): SOIL_ Lab Sample ID: 1670719___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _89.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	221		*	F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	23.8			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	46.6		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	317000			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	14.3			P
	Cyanide__				NR

olor Before: GRAY_____ Clarity Before: _____ Texture: MEDIUM

olor After: COLORLESS Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S730-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670720___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _94.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	18.4			F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	3.5			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	39.1			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	2390			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	107			P
_____	Cyanide__				NR

Color Before: GRAY_____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S740-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

atrix (soil/water): SOIL_ Lab Sample ID: 1670723___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _95.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	14.7		*	F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.8			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	42.9		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	1880			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	142			P
	Cyanide__				NR

olor Before: GRAY_____ Clarity Before: _____ Texture: FINE__

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S750-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

!atrix (soil/water): SOIL_ Lab Sample ID: 1670725___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _55.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	9.7		*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.9			P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	28.1		*	P
7439-89-6	Iron				NR
7439-92-1	Lead	303			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	51.2			P
	Cyanide				NR

'olor Before: BLACK____ Clarity Before: _____ Texture: FINE__

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S760-

.ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

atrix (soil/water): SOIL_ Lab Sample ID: 1670726___

.evel (low/med): LOW__ Date Received: 05/30/91

· Solids: _77.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	8.0	B	*	F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.2	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	12.6		*	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	62.0			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	55.2			P
	Cyanide__				NR

olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S770-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670727___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _79.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	4.8		*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.2	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	9.6		*	P
7439-89-6	Iron_____				NR
7439-92-1	Lead_____	15.5			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc_____	46.4			P
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: FINE__

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TB1--

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON18_

atrix (soil/water): WATER Lab Sample ID: 1670729___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

olor Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

olor After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

omments:

FORM I - IN

3/90

AR303391

ANALYSIS REQUEST/ENVIRONMENTAL SERVICES

#5913

16 70733-51

Lancaster Laboratories
Where quality is a science.

Chain of Custody

(B)

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

Client: TONOLLI SUPERFUND COMMITTEE Acct. #:
Project Name/#: TONOLLI SUPERFUND SITE
Project No.
Project Manager: BILL SMITH P.O.#: 95-599
Sampler: DAC Quote #:

For LLI use only
FSC:
SCR #: 103061

Sample Identification (2)	Date Collected	Time Collected	(3)		Matrix (4)				Analyses Requested (5): MOISTURE, PH, TOC, PDA ASSAY, SEP-CU								Remarks (6)
S45-B	5-29-91	1235	X		X			1	1								
S46-1	5-29-91	1315	X		X			1	1								
S46-7	5-29-91	1350	X		X			1	1								
S47-1	5-29-91	1426	X		X			1	1								
S47-3	5-29-91	1437	X		X			1	1								
S48-1	5-29-91	1520	X		X			1	1								
S48-3	5-29-91	1527	X		X			1	1								
S49-1.5	5-29-91	1555	X		X			1	1								
S49-3	5-29-91	1605	X		X			1	1								
S50-1.5	5-29-91	1730	X		X			1	1								

Turnaround time requested (please circle): (Normal) Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
(EPA CLP)

Site-specific QC required? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required?
Yes (No)

Relinquished by:	Date	Time	Received by:	Date	Time
ERIC THOMPSON	5/30/91	1730	[illegible]	5/30/91	1730
[illegible]	5/30/91	1820	[illegible]	5/30	1930
[illegible]	5/30	1910	—		
—			—		
—			Deborah Wallace	5/30/91	1910

AR303393

Analysis Request/Environmental Services

Chain of Custody

Lancaster Laboratories
Where quality is a science.

(B)

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

Client: TONOLLI STEERING COMMITTEE Acct. #:
Project Name/#: TONOLLI SUPERFUND SITE
Project Manager: BILL SMITH P.O. #:
Sampler: DAC Quote #:

For LLI use only
FSC:
SCR #: 103261

Sample Identification	Date Collected	Time Collected	Matrix (4)						Analyses Requested (5)								Remarks
									MOISTURE, pH, TOC	Pb+As+Zn+Cu (5mL)	pH (1 pt, 4 oz)	Cu+Cd (5mL)	TOC (125mL)				
S51-3	5-29-91	1855	X		X			1	1								
EB-2	5-30-91	0800	X			X		2		1	1						
S52-3	5-30-91	0850	X		X			1	1								
S52-3 MS	5-30-91	0850	X		X			1	1								MATRIX SPIKE
S52-3 MSD	5-30-91	0850	X		X			1	1								MATRIX SPIKE DUP
S53-1.5	5-30-91	0920	X		X			1	1								
S53-3.0	5-30-91	0940	X		X			1	1								
S54-1.5	5-30-91	1025	X		X			1	1								
S54-2.0	5-30-91	1025	X		X			1	1								
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~X~~		~~X~~			~~1~~	~~1~~								

Turnaround time requested (please circle): Normal Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required?
Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
ERIC THOMPSON	5/24/91	1730	David Caballero	5/24/91	1730
David Caballero	5/30/91	1030	Chris Singleton	5/30	1030
Chris Singleton	5/30	1910			

Relinquished by:	Date	Time	Received for LLI by:	Date	Time
			[illegible]	30/91	1910

AR303394

Analysis Request/Environmental Services

#5913 167322-41

Lancaster Laboratories
Where quality is a science.

Chain of Custody

(C)

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

Client: TOBYHANNA STEERING COMMITTEE Acct. #:
Project Name/#: TOBYHANNA CORPORATION SUPERFUND SITE
Project Manager: BILL SMITH Project # ~~P.O.#~~: 84-599
Sampler: DAC Quote #:

For LLI use only
FSC:
SCR #: R2-35113

Sample Identification	Date Collected	Time Collected	Grab	Comp	Matrix				Moisture	Pb, pH, Zn	As, Cl, Sulfate, TOC							Remarks
S 54-1.5	5-30-91	1025	X		X			1	1									Listed on previous COC
S 54-2.0	5-30-91	1025	X		X			1	1									
S 55-1	5-30-91	1050	X		X			1	1									
S 55-3	5-30-91	1100	X		X			1	1									
S 56-1.5	5-30-91	1330	X		X			1	1									
S 56-5	5-30-91	1345	X		X			1	1									
S 57-1.5	5-30-91	1430	X		X			1	1									
S 57-3.0	5-30-91	1440	X		X			1	1									
S 58-1	5-30-91	1520	X		X			1	1									
S 58-3	5-30-91	1525	X		X			1	1									

Turnaround time requested (please circle): Normal Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA CLP

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/30/91	1630	Dave Ceballos	5/30/91	1630
Dave Ceballos	5/30/91	1630	Chas. Smoyer	5/30	1930
Chas. Smoyer	5/30	1910			
Relinquished by:	Date	Time	Received for LLI by:	Date	Time
			Deborah A Mack	5/30/91	1910

AR303395

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories
Where quality is a science.

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

Client: Paul C Rizzo Assoc
Acct. #:
Project Name/#: Tomolli
Project Manager: W C Smith
P.O. #:
Sampler: DAC
Quote #:

For LLI use only
FSC:
SCR #: 163615

Sample Identification	Date	Time														Remarks
S-45-3	5-31-91	0935	X		X					1						Not in Group "C"
S-59-1.5	5-30-91	1650	X		X				1							
S-59-6	5-30-91	1700	X		X				1							
S-59-2	5-31-91	1220	X		X					1						Not in Group "C"
S-60-1	5-31-91	0835	X		X				1							
S-60-5	5-31-91	0855	X		X				1							
S-61-3	5-31-91	1030	X		X				1	1						
S-61-5	5-31-91	1100	X		X				1							

Analyses Requested: Cd, Cr, Cu, Pb, Zn, As, pH, TOC, Moisture (Second), TCLP Metals

Turnaround time requested (please circle): Normal Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #.:
Phone Phone #:

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
FP

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	5/30/91	1600	[illegible]	5/30/91	1600
[illegible]	5/31/91	1327	Andrew H. Thalhamer	5/31/91	1327
Andrew H. Thalhamer	5/31/90	1645	[illegible]	5/31/91	1645
[illegible]	5/31/91	6:30			

Relinquished by:	Date	Time	Received for LLI by:	Date	Time
—			Deborah A Nace	5/31/91	1830

Page 2 in packet

AR303396

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.:TON19_

SOW No.: 3/90_

EPA Sample No.	Lab Sample ID
EB2--	1670751
S458-	1670733
S461-	1670734
S467-	1670735
S471-	1670736
S473-	1670737
S481-	1670738
S483-	1670739
S4915	1670740
S493-	1670741
S5015	1670742
S513-	1670743
S523-	1670744
S5315	1670747
S5330	1670748
S5415	1670749
S5420	1670750

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES

If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Betsy S. Menefee Name: BETSY S. MENEFEE

Date: 7/12/91 Title: CHEMIST III / COORDINATOR

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EB2--

b Name: LANCASTER_LABORATORIES_IN Contract: _____

b Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

trix (soil/water): WATER Lab Sample ID: 1670751___

vel (low/med): LOW__ Date Received: 05/30/91

Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	3.0	U		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	15.0	U		P
	Cyanide__				NR

.or Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

or After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

ments:

FORM I - IN

3/90

AR303398

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories
Where quality is a science.

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

Client: Paul C Rizzo Assoc. Acct. #:
Project Name/#: Tonolli
Project Manager: W.C Smith P.O. #: 89-599
Sampler: DAC Quote #:

For LLI use only: FSC: SCR #: K36619

Sample Identification	Date Collected	Time Collected	Grab	Composite	Water	Soil	Other	# of Containers	Cd, Cu, Pb, Zn, As, pH, TOC, Alkalinity (500 ml)	TCLP Metals (500 ml)	Pb, Cu, Zn, As, Cd (500 ml)	TOC (125 ml)	Pb (500 ml)				Remarks
S 62-1	5-31-91	1125	X		X			2	1	1							
S-62MS-1	5-31-91	1125	X		X			1	1								MATRIX SPIKE
S-62MSD-1	5-31-91	1125	X		X			1	1								MATRIX SPIKE DUP
S 62-5	5-31-91	1205	X		X			1	1								
EB-3	5-31-91	0900	X					2			1	1					
TB-1	5-31-91	0930	X					1					1				

TCLP separate listing

Turnaround time requested (please circle): Normal Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA CLP

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/31/91	1600	[signature]	5/31/91	1600
[signature]	5/31/91	1327	[signature]	5/31/91	1527
[signature]	5/31/91	1645	[signature]	5/31/91	1645
[signature]	5/31/91	6:30			
			Received for LLI by: Deborah A Nace	5/31/91	1830

AR303399

Analysis Request/Environmental Services

#5913 1671385 Chain of Custody

Lancaster Laboratories
Where quality is a science.

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

(C)

Client: TONOLLI STEERING COMMITTEE Acct. #:
Project Name/#: TONOLLI CORPORATION SUPERFUND SITE
Project Manager: BILL SMITH Project # ~~P.O. #~~: 69.559
Sampler: DAC Quote #:

For LLI use only
FSC:
SCR #: 103113

(2) Sample Identification	Date	Time	(3)		(4)				(5) Analyses Requested: MOISTURE, PHOSPHORUS, ASH, CHLORIDE								(6) Remarks
S S8-4	5.30.91	1524	X		X			1	1								

(7) Turnaround time requested (please circle): Normal Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

(8) Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Data Package Chain of Custody required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	5/30/91	1630	David Chollar	5/30/91	
David Chollar	5/30/91	1630	Chas. Singleton	5/30	1615
Chas. Singleton	5/30	1710	—		
—			—		
Relinquished for LLI by:	Date	Time	Received for LLI by:	Date	Time
—			Deborah Blac[illegible]	5/30/91	1710

(9)

AR303400

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EB2--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): WATER Lab Sample ID: 1670751___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum			DAC	NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3.0	U		P
7439-89-6	Iron				NR
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

FORM I - IN

3/90

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S458-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670733___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _93.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	19.1			F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	3.2			A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	64.5			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	971			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	81.8			P
_____	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S461-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

atrix (soil/water): SOIL_ Lab Sample ID: 1670734___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _92.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	6.2			F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.43	U		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	11.6			P
7439-89-6	Iron				NR
7439-92-1	Lead	VOID ~~8.8~~			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	27.9			P
	Cyanide				NR

SEE Pg 5 OF 19A

olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

FORM I - IN

3/90

AR303403

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S467-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670735___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _92.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	5.7			F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.40	U		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	11.4			P
7439-89-6	Iron				NR
7439-92-1	Lead	VOID ~~10.3~~			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	22.7			P
	Cyanide				NR

SEE PG 6 OF T

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S471-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670736___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _88.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	13.7			F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.44	U		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	21.9			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	48.3			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	44.9			P
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303405

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S473-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

:atrix (soil/water): SOIL_ Lab Sample ID: 1670737___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _90.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	9.7			F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.42	B		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	14.8			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	104			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	29.8			P
	Cyanide__				NR

:olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

'olor After: YELLOW___ Clarity After: _____ Artifacts: _____

.omments:

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S481-

.ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

'atrix (soil/water): SOIL_ Lab Sample ID: 1670738___

.evel (low/med): LOW__ Date Received: 05/30/91

; Solids: _93.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	12.5			F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.4			A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	11.5			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	579			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	51.0			P
	Cyanide__				NR

olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

.olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S483-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670739___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _91.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	7.4			F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.5			A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	12.7			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	645			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	67.0			P
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S4915

ıb Name: LANCASTER_LABORATORIES_IN Contract: _____

ıb Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

ıtrix (soil/water): SOIL_ Lab Sample ID: 1670740___

ɜvel (low/med): LOW__ Date Received: 05/30/91

Solids: _90.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__	27.7	_	S	F
7440-39-3	Barium__		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.41	U		A
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___	16.1	_		P
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	37.6	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____	25.0	_		P
	Cyanide__		_		NR

ɔlor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

ɔlor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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AR303409

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S493-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670741___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _91.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	9.2		S	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.43	U		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	18.0			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	41.3			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	29.7			P
_____	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303410

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5015

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670742___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _92.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	416			F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	19.5			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	725			P
7439-89-6	Iron				NR
7439-92-1	Lead	96700			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	386			P
	Cyanide				NR

Color Before: GRAY_____ Clarity Before: _____ Texture: COARSE

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S513-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670743___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _93.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	5.0		S	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.41	U		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	9.8			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	1010			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	27.4			P
	Cyanide__				NR

SEE Pg 2 OF TON19A

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S523-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670744___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	42.9			F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.47	U		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	16.2			P
7439-89-6	Iron				NR
7439-92-1	Lead	Void ~~6.1~~	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	33.6			P
	Cyanide				NR

SEE Pg Pg 8 OF TON 19

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303413

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5315

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670747___

Level (low/med): LOW__ Date Received: 05/30/91

Solids: _93.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	13.2			F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.41	U		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	23.4			P
7439-89-6	Iron				NR
7439-92-1	Lead	394			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	21.7			P
	Cyanide				NR

Color Before: BLACK____ Clarity Before: _____ Texture: COARSE

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5330

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

Matrix (soil/water): SOIL_ Lab Sample ID: 1670748___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _89.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	14.7			F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.43	U		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	11.3			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	39.5			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	22.8			P
_____	Cyanide__				NR

Color Before: GRAY_____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5415

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

atrix (soil/water): SOIL_ Lab Sample ID: 1670749___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _90.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	95.9		S	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	6.4			A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	72.3			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	9820			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	92.0			P
	Cyanide__				NR

olor Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5420

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19_

atrix (soil/water): SOIL_ Lab Sample ID: 1670750___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _89.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	105			F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	11.4			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	108			P
7439-89-6	Iron				NR
7439-92-1	Lead	17100			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	116			P
	Cyanide				NR

olor Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

b Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.:TON19A

OW No.: 3/90_

EPA Sample No.	Lab Sample ID
S461-	1670734
S467-	1670735
S51-3	1670743
S52-3	1670744
S52-3_D	1670746D
S52-3_S	1670745R

re ICP interelement corrections applied ? Yes/No YES

re ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

omments:

certify that this data package is in compliance with the terms and onditions of the contract, both technically and for completeness, for ther than the conditions detailed above. Release of the data contained n this hardcopy data package and in the computer-readable data submitted n floppy diskette has been authorized by the Laboratory Manager or the anager's designee, as verified by the following signature.

ignature: Betsy S. Menefee Name: BETSY S. MENEFEE

ate: 7/22/91 Title: CHEMIST III / COORDINATOR

SAMPLE DATA

AR303420

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S461-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19A

Matrix (soil/water): SOIL_ Lab Sample ID: 1670734___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _92.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	17.6			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

AR303421

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S467-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19A

Matrix (soil/water): SOIL_ Lab Sample ID: 1670735___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _92.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	24.4			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

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AR303422

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S51-3

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19A

atrix (soil/water): SOIL_ Lab Sample ID: 1670743___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _93.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	15.6			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

FORM I - IN

3/90

AR303423

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S52-3

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON19A

Matrix (soil/water): SOIL_ Lab Sample ID: 1670744___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	15.3			F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303424

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

.ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.:TON20_

SOW No.: 3/90_

EPA Sample No.	Lab Sample ID
EB3--	1671340
S551-	1671322
S553-	1671323
S5615	1671324
S565-	1671325
S5715	1671326
S5730	1671327
S581-	1671328
S583-	1671329
S584-	1671385
S5915	1671330
S596-	1671331
S601-	1671332
S605-	1671333
S613-	1671334
S615-	1671335
S621-	1671336
S625-	1671339
TB1--	1671341

ere ICP interelement corrections applied ? Yes/No YES

ere ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

:omments:

: certify that this data package is in compliance with the terms and :onditions of the contract, both technically and for completeness, for ,ther than the conditions detailed above. Release of the data contained n this hardcopy data package and in the computer-readable data submitted ›n floppy diskette has been authorized by the Laboratory Manager or the .anager's designee, as verified by the following signature.

;ignature: Betsy S. Menefee Name: BETSY S. MENEFEE

'ate: 7/16/94 Title: CHEMIST III/COORDINATOR

SAMPLE DATA

AR303426

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EB3--

Name: LANCASTER_LABORATORIES_IN Contract: _____

Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

rix (soil/water): WATER Lab Sample ID: 1671340___

el (low/med): LOW__ Date Received: 05/30/91

olids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U	*	F_
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.0	B		A_
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	15.0	U	N	P_
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.2	B		F_
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	13.5	B	E	P_
	Cyanide__				NR

lor Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

lor After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

mments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EB3--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): WATER Lab Sample ID: 1671340___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U	W*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.0	B		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	15.0	U	N	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.2	B	W	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	13.5	B	E	P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S551-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671322___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _87.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	17.8		*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.5			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	22.3		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	575		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	43.5		E	P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S553-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671323___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _91.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	6.3		*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.20	B		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	23.4		N	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	5010 ~~5.2~~	~~U~~	*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	33.0		E	P
	Cyanide__				NR

SEE PG 5 OF TON20A

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

AR303430

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5615

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671324___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _92.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	7.7		*	F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.20	B		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	18.2		N	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	VOID ~~20.0~~		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	38.7		E	P
_____	Cyanide__				NR

SEE Pg 6 OF TON20L

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S565-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

atrix (soil/water): SOIL_ Lab Sample ID: 1671325___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _83.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	1.4	B	W*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	B		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	76.7		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	~~6.1~~	~~U~~	*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	38.7		E	P
	Cyanide				NR

SEE Pg 7 OF TON 20A

olor Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5715

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671326___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _93.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	6.4		S*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.20	B		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	16.4		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	27.7 OK (~~37.7~~)		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	32.1		E	P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303433

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5730

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

atrix (soil/water): SOIL_ Lab Sample ID: 1671327___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _93.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	7.6		*	F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.21	B		A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	28.0		N	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	Join ~~15.6~~		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	41.1		E	P
	Cyanide__				NR

SEE Pg 8 OF TON20A

olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S581-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

atrix (soil/water): SOIL_ Lab Sample ID: 1671328___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _92.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	25.6		S*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	11.7			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	35.4		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	3390		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	122		E	P
	Cyanide				NR

olor Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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AR303435

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S583-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671329___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _93.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	13.0		S*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.1			A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	24.7		N	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	482		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	32.8		E	P
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: ORANGE___ Clarity After: _____ Artifacts: _____

Comments:

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S584-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

atrix (soil/water): SOIL_ Lab Sample ID: 1671385___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _93.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	9.4		*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.7			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	24.1		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	465		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	25.5		E	P
	Cyanide				NR

olor Before: BLACK____ Clarity Before: _____ Texture: FINE__

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5915

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

atrix (soil/water): SOIL_ Lab Sample ID: 1671330___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _86.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	29.9		*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	11.5			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	65.2		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	9800		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	197		E	P
	Cyanide				NR

olor Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S596-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671331___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _91.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	16.8		*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.7			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	33.1		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	2350		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	66.9		E	P
	Cyanide				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S601-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671332___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _89.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	15.0		S*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.3			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	30.1		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	1100		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	31.3		E	P
	Cyanide				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S605-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671333___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _81.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	40.2		S*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.23	U		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	21.8		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	VOID ~~59.3~~	U	*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	24.4		E	P
	Cyanide				NR

SEE Pg 9 OF TON 20A.

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S613-

.ab Name: LANCASTER_LABORATORIES_IN Contract: _____

.ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

latrix (soil/water): SOIL_ Lab Sample ID: 1671334___

evel (low/med): LOW__ Date Received: 05/30/91

. Solids: _92.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	84.2		S*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.42	B		A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	18.6		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	282		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	32.3		E	P
	Cyanide				NR

:olor Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

:olor After: YELLOW___ Clarity After: _____ Artifacts: _____

:omments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S615-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671335___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _93.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	116		S*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.6			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	45.6		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	2090		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	52.8		E	P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S621-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): SOIL_ Lab Sample ID: 1671336___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _92.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	152		S*	F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	7.3			A
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	61.0		N	P
7439-89-6	Iron____				NR
7439-92-1	Lead____	VOID ~~3550~~		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	89.6		E	P
_____	Cyanide__				NR

SEE Pg 10 OF 20

Color Before: BROWN____ Clarity Before: _____ Texture: FINE__

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S625-

ab Name: LANCASTER_LABORATORIES_IN Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

atrix (soil/water): SOIL_ Lab Sample ID: 1671339___

evel (low/med): LOW__ Date Received: 05/30/91

Solids: _92.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	12.6		*	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.5			A
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	52.9		N	P
7439-89-6	Iron				NR
7439-92-1	Lead	2910		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	58.8		E	P
	Cyanide				NR

olor Before: BROWN____ Clarity Before: _____ Texture: FINE__

olor After: YELLOW___ Clarity After: _____ Artifacts: _____

omments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TB1--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20_

Matrix (soil/water): WATER Lab Sample ID: 1671341___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	1.0	U	W	F
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

ıb Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.:TON20A

SOW No.: 3/90_

EPA Sample No.	Lab Sample ID
S553-	1671323
S5615	1671324
S565-	1671325
S5730	1671327
S605-	1671333
S621-	1671336

·e ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Betsy S. Menefee Name: BETSY S. MENEFEE

Date: 7/22/91 Title: CHEMIST III / COORDINATOR

SAMPLE DATA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S553-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20A

Matrix (soil/water): SOIL_ Lab Sample ID: 1671323___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _91.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	8.3		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5615

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20A

Matrix (soil/water): SOIL_ Lab Sample ID: 1671324___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _92.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	31.7		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

AR303450

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S565-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20A

Matrix (soil/water): SOIL_ Lab Sample ID: 1671325___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _83.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	2.5		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303451

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5730

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20A

Matrix (soil/water): SOIL_ Lab Sample ID: 1671327___

Level (low/med): LOW__ Date Received: 05/30/91

Solids: _93.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	42.8		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303452

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S605-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20A

Matrix (soil/water): SOIL_ Lab Sample ID: 1671333___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _81.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	17.0		S*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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AR303453

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S621-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON20A

Matrix (soil/water): SOIL_ Lab Sample ID: 1671336___

Level (low/med): LOW__ Date Received: 05/30/91

% Solids: _92.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	9740		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
_____	Cyanide__				NR

Color Before: BROWN____ Clarity Before: _____ Texture: FINE__

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

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AR303454

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories
Where quality is a science.

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

(1)

Client: [illegible] Assoc. Acct. #:
Project Name/#: [illegible]
Project Manager: [illegible] P.O. #: [illegible]
Sampler: [illegible] Quote #:

(4)

(5) **Analyses Requested**

For LLI use only
FSC:
SCR #: [illegible]

(2) (3)

Sample Identification	Date	Time	Matrix			Preservative		Total # of Containers	TCL	[illegible]	[illegible]	[illegible]	[illegible]				(6) Remarks
[illegible]	6-4-91	1530	X			X		5	1	1	1	1	1				
[illegible]	6-4-91	[illegible]	X			X		5	1	1	1	1	1				
[illegible]	6-4-91	1630	X			X		5	1	1	1	1	1				[illegible]
[illegible]	6-4-91	1630	X			X		5	1	1	1	1	1				[illegible]
[illegible]	6-4-91	1755	X			X		5	1	1	1	1	1				
[illegible]	6-4-91	1820	X			X		5	1	1	1	1	1				
[illegible]	6-4-91	1915	X			X		5	1	1	1	1	1				
[illegible]	6-4-91	1745	X			X		5	1	1	1	1	1				
[illegible]	6-5-91	1020	X			X		5	1	1	1	1	1				
[illegible]	6-5-91	1200	X			X		5	1	1	1	1	1				

(7)

Turnaround time requested (please circle): (Normal) Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

(8)

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA CLP

Site-specific QC required? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required?
Yes (No)

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	6/4/91	1610	Andrew N. Mathieson		
Andrew N. Mathieson	6/5/91	1740	[illegible]		

Relinquished by: Date Time Received for LLI by: Date Time

AR303455

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories
Where quality is a science.

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

(1) Client: [illegible] Assoc. Acct. #:
Project Name/#: Tobyhanna Corp Superfund Site
Project Manager: [illegible] P.O.#: 89-599
Sampler: AJT, DAC Quote #:

(4) Matrix

(5) Analyses Requested

For LLI use only
FSC:
SCR #: 10 [illegible]

(2) Sample Identification	Date	Time	(3)						Metals, Total (Acid)	Metals, Dissolved (Acid)	Arsenic (Acid)	Gen. Chem. (Cool)	TOC (Cool)	Pesticides (Cool)			(6) Remarks
61-RD2-145	6-10-91	[illegible]	X			X		5	1	1	1	1	1				
61-RD2-115	6-10-91	1200	X			X		5	1	1	1	1	1				
RD2-Lunch	6-10-91	[illegible]	X			X		5	1	1	1	1	1				
[illegible]-5	6-10-91	1445	X			X		5	1	1	1	1	1				
61-RD2-200	6-10-91		X			X		5	1	1	1	1	1				
61-RD2-115 MS	6-10-91	1200	X			X		5	1	1	1	1	1				
61-RD2-115 MSD	6-10-91	1200	X			X		5	1	1	1	1	1				
FB-1	6-11-91	1540	X			X		1						1			

(7) **Turnaround time requested** (please circle): Normal Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

(8) **Data package options** (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA C[illegible]

Site-specific QC required? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required?
Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	6/11	[illegible]	[illegible]		
[illegible]	6/11	1615	[illegible]		
Relinquished by:	Date	Time	Received for LLI by:	Date	Time

AR303456

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories
Where quality is a science.

(D)

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

(1)
Client: [illegible] Acct. # :
Project Name/# : [illegible] Corporation Superfund Site
Project Manager: [illegible] P.O. # : 57-CM
Sampler: [illegible] Quote # :

(4)

(5) Analyses Requested

For LLI use only
FSC:
SCR # : [illegible]

(2) (3)

Sample Identification									TOC (Total Organic Carbon)	Phenols (Total Recoverable)	Total Metals (Total Recoverable)	Mercury (Total Recoverable)	Cyanide (Total Recoverable)					(6) Remarks
[illegible]	6-5-91	1520	x			x		5	1	1	1	1	1					

(7)
Turnaround time requested (please circle): Normal Rush
(Rush TAT is subject to LLI approval and surcharge.)
Rush results requested by (please circle):
Fax Fax # :
Phone Phone # :

(8)
Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA CLP
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Data Package Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]			Sister Kilo [illegible]		
Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	6/5/91	1740	[illegible]		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received for LLI by:	Date	Time

AR303457

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories
Where quality is a science.

(1)

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

Client: [illegible] Acct. #:
Project Name/#: [illegible]
Project Manager: [illegible] P.O.#: [illegible]
Sampler: [illegible] Quote #:

(4)

(5) Analyses Requested

For LLI use only
FSC:
SCR #: [illegible]

(2) (3)

Sample Identification																		(6) Remarks
[illegible]-RD2-19D	6-3-91	1100	X			X		5	1	1	1	1	1					
[illegible]-RD2-17D	6-3-91	0915	X			X		5	1	1	1	1	1					
[illegible]-RD2-11D	6-3-91	1330	X			X		5	1	1	1	1	1					
[illegible]-RD2-1D	6-4-91	1010	X			X		5	1	1	1	1	1					
[illegible]-RD2-15	6-4-91	1120	X			X		5	1	1	1	1	1					
[illegible]-RD2-15 — 14D	6-4-91	[illegible]	X			X		5	1	1	1	1	1					
[illegible]-RD2-100	6-4-91	[illegible]	X			X		5	1	1	1	1	1					[illegible]
EB-4	6-4-91	1435	X			X		5	1	1	1	1	1					[illegible]
TB-3	6-4-91	1600	X			X		1						1				[illegible]

change made by phone conversation with [illegible] on 6/11/91

This form is void until a written [illegible] which should be happened under [illegible] 6/11/91

(7)

Turnaround time requested (please circle): (Normal) Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

(8)

Data package options (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA [illegible]

Site-specific QC required? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)

Data Pack[illegible] [illegible]n of Custody required?
Ye[illegible]

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	6/11/91	1000	[illegible]	[illegible]	[illegible]

Relinquished by: Date Time Received for LLI by: Date Time

AR303458

ANALYSIS REQUEST/ENVIRONMENTAL SERVICES

Lancaster Laboratories
Where quality is a science.

Chain of Custody

(1)

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

Client: [illegible] Assoc Acct. #:
Project Name/#: [illegible] SITE
Project Manager: [illegible] P.O.#: 87 599
Sampler: [illegible] Quote #:

For LLI use only
FSC:
SCR #: [illegible]

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4) Soil	Water	Other	Total # of Containers	(5) Analyses Requested: Metals, Total	Metals, Dissolved	Volatile Organics	Pesticides	Herbicides					(6) Remarks
(W) RP2-105	6-5-91	1410	X			X		5	1	1	1	1	1					
(W) RP2-125	6-5-91	1600	X			X		5	1	1	1	1	1					
(W) RP2-155	6-5-91	1715	X			X		5	1	1	1	1	1					

(7) **Turnaround time requested** (please circle): Normal Rush
(Rush TAT is subject to LLI approval and surcharge.)

Rush results requested by (please circle):
Fax Fax #:
Phone Phone #:

(8) **Data package options** (please circle if requested):
QC Summary
Tier I (NJ)
Tier II (NJ)
EPA CLP

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)

Data Package Chain of Custody required?
Yes No

(9) Relinquished by:	Date	Time	Received by:	Date	Time
E. Thompson	6/3/91	1700	[illegible]		
Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	6/5/91	1740	[illegible]		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received for LLI by:	Date	Time

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.:TON22_

SOW No.: 3/90_

EPA Sample No.	Lab Sample ID
EB4--	1672513
TB3--	1672514
100--	1672512
11D--	1673025
12D--	1673016
13D--	1673021
13S--	1673023
15D--	1673017
15D-- D	1673019
15D-- S	1673018
17S--	1673020
18D--	1673022
18S--	1673024
19S--	1673026
210D-	1672509
210S-	1672510
214D-	1672511
216D-	1672508
217D-	1672507
219D-	1672506

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Eric W. Cuba Name: Eric W. Cuba

Date: 07/11/91 Title: Chemist II Coordinator

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EB4--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1672513___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	3.0	U		P
7439-89-6	Iron_____				NR
7439-92-1	Lead_____	1.0	U	*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc_____	15.0	U		P
_____	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TB3--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1672514___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.0	U	W*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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3/90

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

100--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1672512___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	30.4			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	45.5			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	20.7		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	298			P
_____	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLOUDY Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

11D--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673025___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	29.5			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	13.2		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	18.8	B		P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLOUDY Artifacts: _____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

12D--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673016___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	14.7			P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	90.5			P
7439-89-6	Iron				NR
7439-92-1	Lead	71.1		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	1170			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

13D--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673021___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	11.2	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	15.5		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	18.8	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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EPA SAMPLE NO.

13S--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673023___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	57.2			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	67.6			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	5.1		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	490			P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLOUDY Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

15D--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673017___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.9	B		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	4.8	B		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	8.4		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	92.2			P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17S--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673020___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.3	B		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	6.0	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	5.2		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.5	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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EPA SAMPLE NO.

18D--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673022___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	3.3	B		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	18.5	B		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	94.6		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	79.2			P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

18S--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673024___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	70.0			P
7439-89-6	Iron				NR
7439-92-1	Lead	75.7		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	608			P
	Cyanide				NR

Color Before: YELLOW___ Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLOUDY Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

19S--

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1673026___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3.9	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	1.5	B	*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

210D-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1672509___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	6.7	B		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	33.7			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	63.0		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	73.0			P
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: _____

Color After: BROWN____ Clarity After: OPAQUE Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

~~210~~S-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1672510___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	30.1			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	26.6			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	11.0		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	274			P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: COLUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

214D-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1672511___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	6.8	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	15.6		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

216D-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1672508___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U	W	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	9.3	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	50.2		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	17.6	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

217D-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON22_

Matrix (soil/water): WATER Lab Sample ID: 1672507___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U	W	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3.0	U		P
7439-89-6	Iron				NR
7439-92-1	Lead	2.5	B	*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

FORM I - IN

3/90

AR303477

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA S

2

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No

Matrix (soil/water): WATER Lab Sample ID: 1

Level (low/med): LOW__ Date Received: 0

% Solids: ____0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	16.7	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	18.2		*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	47.0			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLEAR_ Artifacts:

Comments:

FORM I - IN

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AR303478

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EB4D-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1672535___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	5.6	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	4.6		S	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.9	B		P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

10DD-

:b Name: LANCASTER_LABORATORIES_IN Contract: _____

:b Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

:trix (soil/water): WATER Lab Sample ID: 1672531___

.vel (low/med): LOW__ Date Received: 06/04/91

Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	5.6	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	4.1		S	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.7	B		P
	Cyanide				NR

.or Before: _____ Clarity Before: _____ Texture: _____

.or After: _____ Clarity After: _____ Artifacts: _____

:ments:

FORM I - IN

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AR303481

U.S. EPA - CLP

MW-10D FILT

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

10DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1672531___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U	W	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	5.6	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	4.2		S	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.7	B		P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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AR303482

U.S. EPA - CLP

RD2 - R100 FILT

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

100D-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1672534___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	29.6			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	12.2	B		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	9.0			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	268			P
	Cyanide__				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

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AR303483

U.S. EPA - CLP

MW-110 - D...

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

11DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673037___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	3.0	B		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	6.3			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	15.0	U		P
	Cyanide__				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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AR303484

U.S. EPA - CLP

1 2 D - DISSOLVED

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

12DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673028___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	14.4			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	77.8			P
7439-89-6	Iron____				NR
7439-92-1	Lead____	59.3			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	1130			P
	Cyanide__				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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AR303485

U.S. EPA - CLP

13D - DISSOLVED

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

13DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673033___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	6.1	B		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	9.6			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	30.1			P
	Cyanide__				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

MW-13 S - D150002

EPA SAMPLE NO.

13SD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673035___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	59.7			P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	71.8			P
7439-89-6	Iron				NR
7439-92-1	Lead	6.8		S	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	513			P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

3/90

U.S. EPA - CLP

14D - FILT

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

14DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1672533___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3.6	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	1.8	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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AR303488

15D - Dissolved

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

15DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673029___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	3.8	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	6.4	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	4.1			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	96.0			P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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AR303489

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

16DD-

b Name: LANCASTER_LABORATORIES_IN Contract: _____

b Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

trix (soil/water): WATER Lab Sample ID: 1672530___

vel (low/med): LOW__ Date Received: 06/04/91

Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	5.8	B		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	4.9		S	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	16.0	B		P
_____	Cyanide__				NR

lor Before: _____ Clarity Before: _____ Texture: _____

lor After: _____ Clarity After: _____ Artifacts: _____

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U.S. EPA - CLP

16D- DISSOLVED

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

16DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1672530___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U	W	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	5.8	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	4.6		S	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	16.0	B		P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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AR303491

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

16SD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1672532___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	30.1			P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	13.3	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	11.2			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	277			P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17DD-

ɔ Name: LANCASTER_LABORATORIES_IN Contract: _____

Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

trix (soil/water): WATER Lab Sample ID: 1672529___

vel (low/med): LOW__ Date Received: 06/04/91

Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	3.0	U		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	2.5	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	15.0	U		P
	Cyanide__				NR

.or Before: _____ Clarity Before: _____ Texture: _____

.or After: _____ Clarity After: _____ Artifacts: _____

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U.S. EPA - CLP

MW-17D-[illegible]

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1672529___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U	W	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3.0	U		P
7439-89-6	Iron				NR
7439-92-1	Lead	2.5	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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AR303494

MW-17S-DISSOLVED

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17SD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673032___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	7.3	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	7.0			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	25.5			P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

MW-18D-DISSOLVED

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

18DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673034___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	3.4	B		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	3.0	B		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	10.2			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	44.7			P
	Cyanide__				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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18S - DISSOLVED

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

18SD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673036___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.7	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	66.8			P
7439-89-6	Iron				NR
7439-92-1	Lead	43.0			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	626			P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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AR303497

19D-Dissolved

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

19DD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1672528___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3.0	U		P
7439-89-6	Iron				NR
7439-92-1	Lead	2.1	B	W	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

19DD-

Name: LANCASTER_LABORATORIES_IN Contract: _____

Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

:rix (soil/water): WATER Lab Sample ID: 1672528___

:l (low/med): LOW__ Date Received: 06/04/91

:lids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__	2.0	U		F
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___	3.0	U		P
7439-89-6	Iron____				NR
7439-92-1	Lead____	2.1	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____	15.0	U		P
	Cyanide__				NR

.r Before: _____ Clarity Before: _____ Texture: _____

r After: _____ Clarity After: _____ Artifacts: _____

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AR303499

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

19SD-

Lab Name: LANCASTER_LABORATORIES_IN Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: TON23_

Matrix (soil/water): WATER Lab Sample ID: 1673038___

Level (low/med): LOW__ Date Received: 06/04/91

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3.0	U		P
7439-89-6	Iron				NR
7439-92-1	Lead	1.0	U	S	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	16.3	B		P
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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