932001

SITE SCREENING REPORT

FOR

SKW METALS & ALLOYS, INC.
Witmer Road
Town of Niagara, New York

Volume II of II

Submitted to:

New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203

Attn: Regional Environmental Remediation Engineer
Region 9

LAN

LAN ASSOCIATES INC
ENVIRONMENTAL AND FACILITIES ENGINEERING
66 CUNA STREET ■ ST. AUGUSTINE, FL 32084-3619
904-824-6995 FAX ■ 904-824-0726

Admin. Record

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Attn: Regional Environmental Remediation Engineer
Region 9

Prepared by:

LAN Associates, Inc.
66 Cuna Street
St. Augustine, FL 32084
on behalf of
SKW Metals & Alloys, Inc.

LAN Ref. #2.3269.22
February 19, 1999

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ENVIRONMENTAL AND FACILITIES ENGINEERING
66 CUNA STREET ■ ST. AUGUSTINE, FL 32084-3619
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LAN ASSOCIATES INC

SITE SCREENING REPORT
SKW Metals & Alloys, Inc.
Witmer Road Property

Volume II of II

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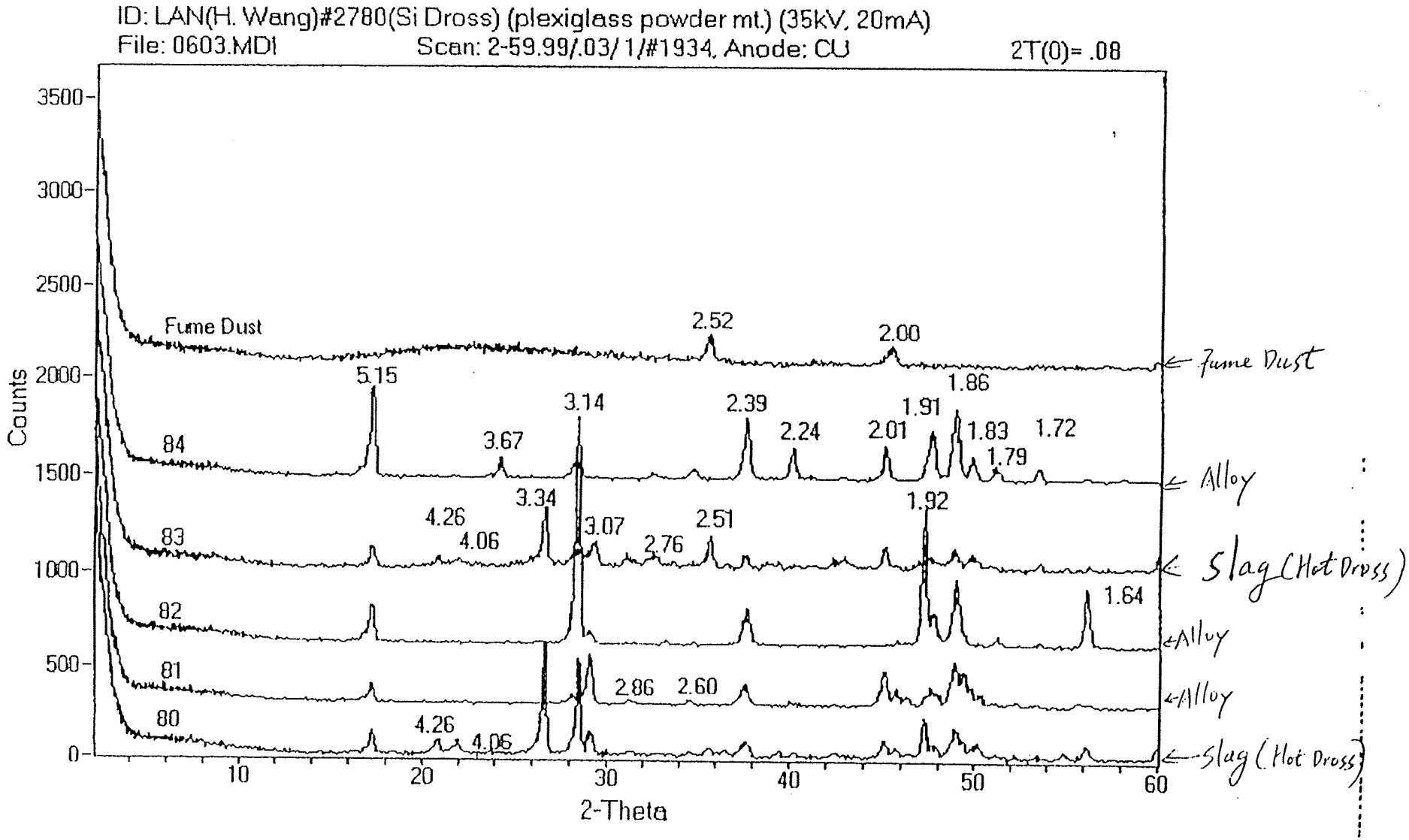
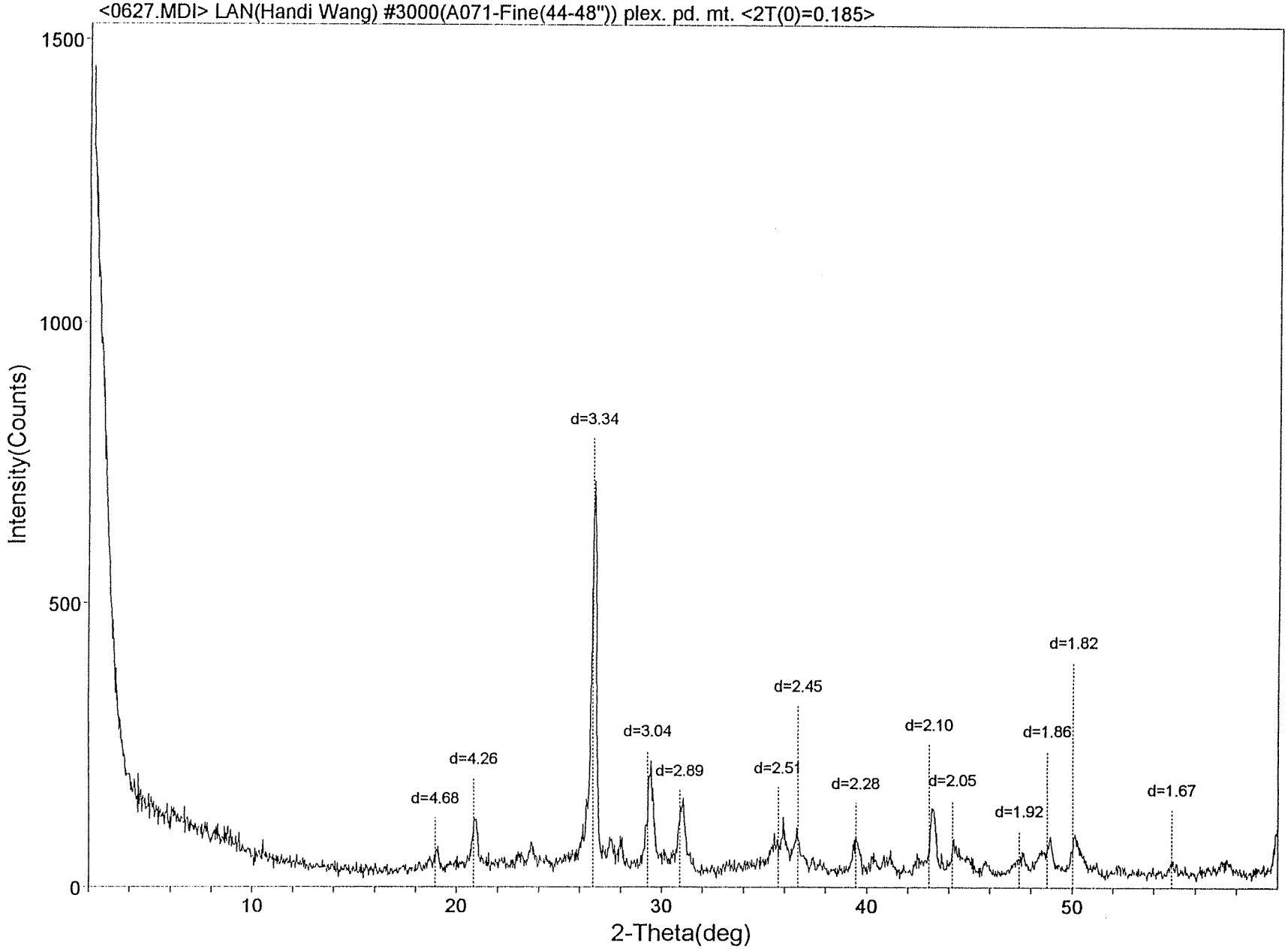
E

Appendix E

Phase I
XRD Results

Standard Samples





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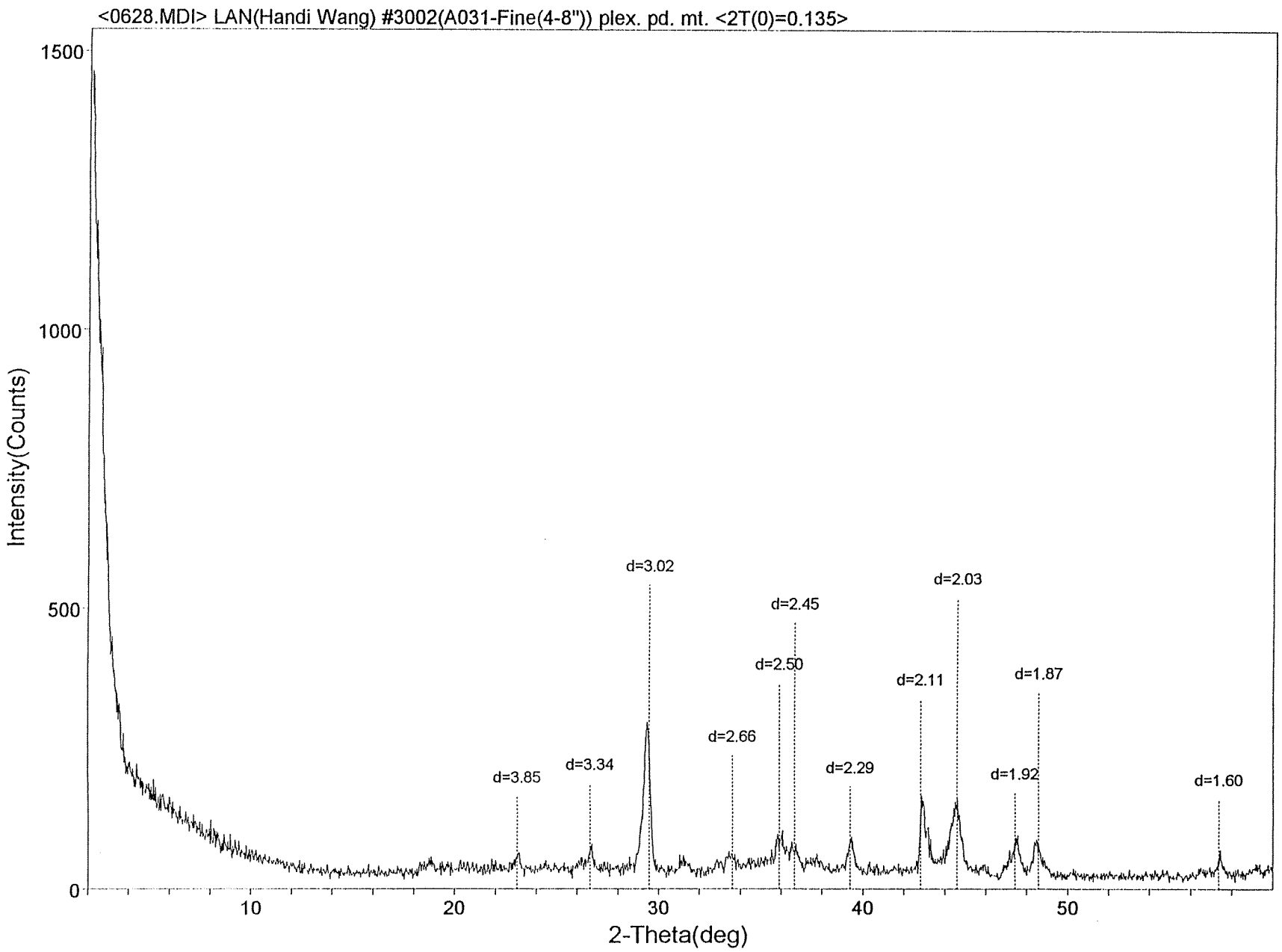
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1000
500
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20
30
40
50
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d=3.34
d=3.02
d=2.66
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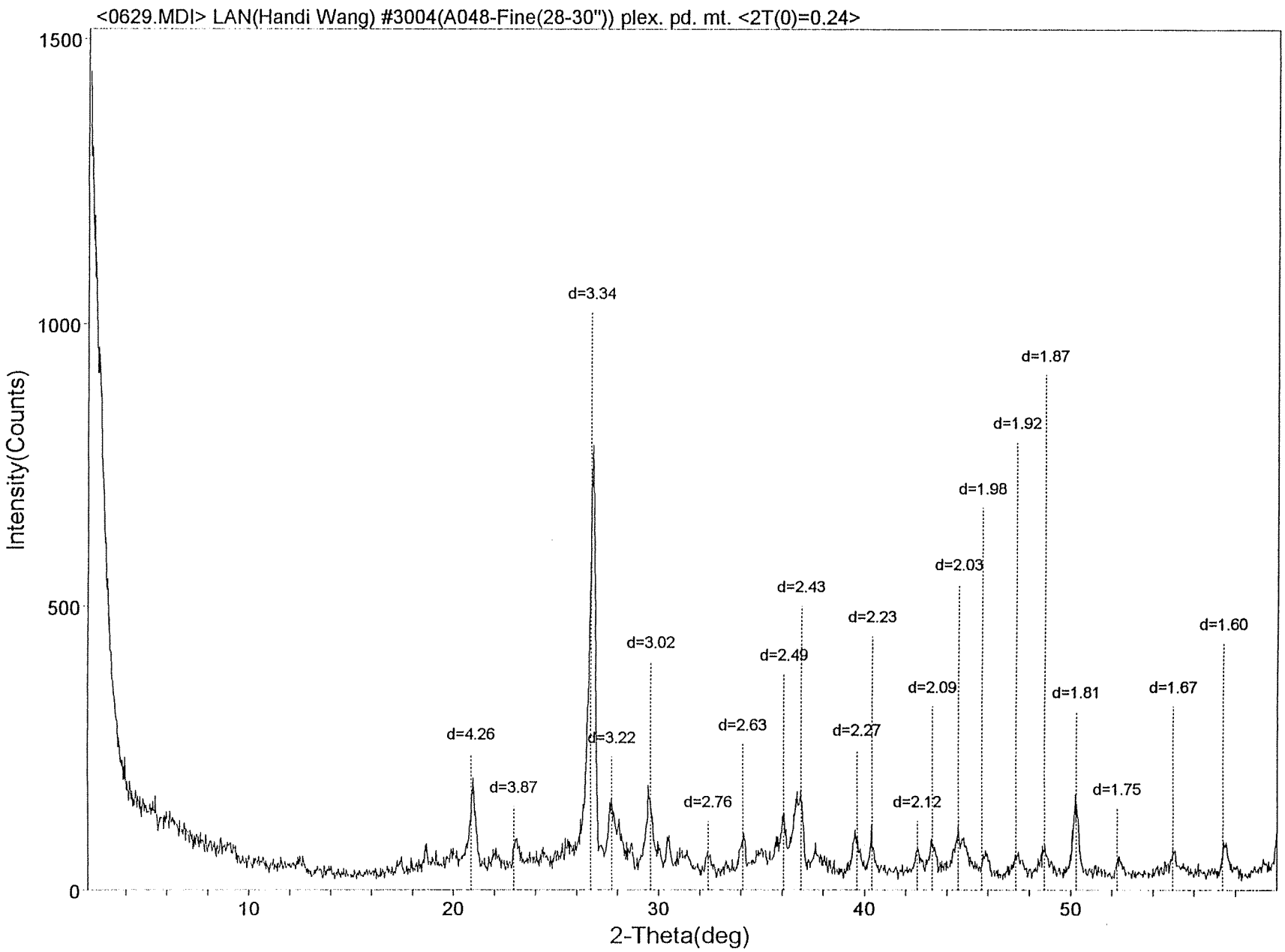

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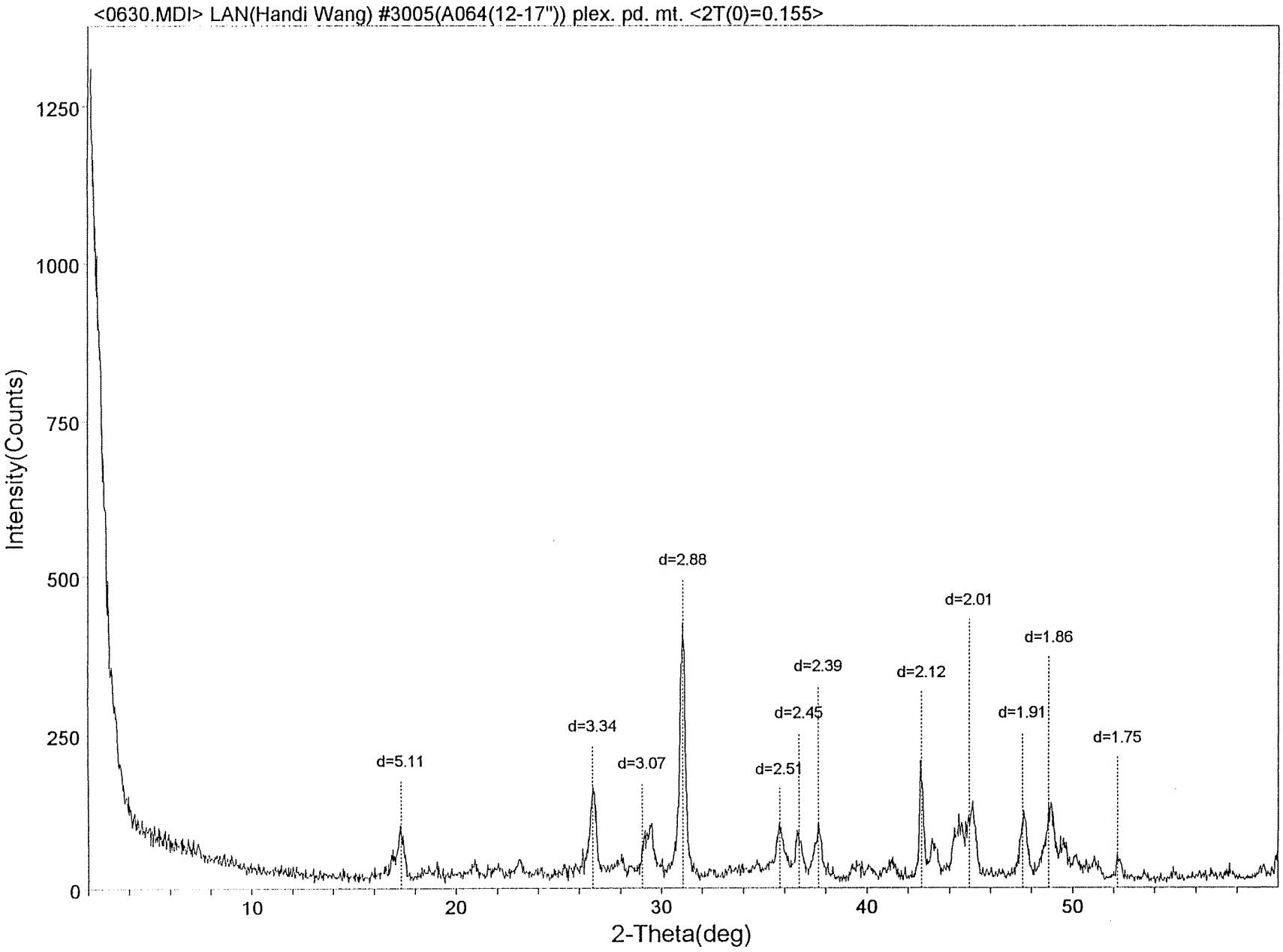

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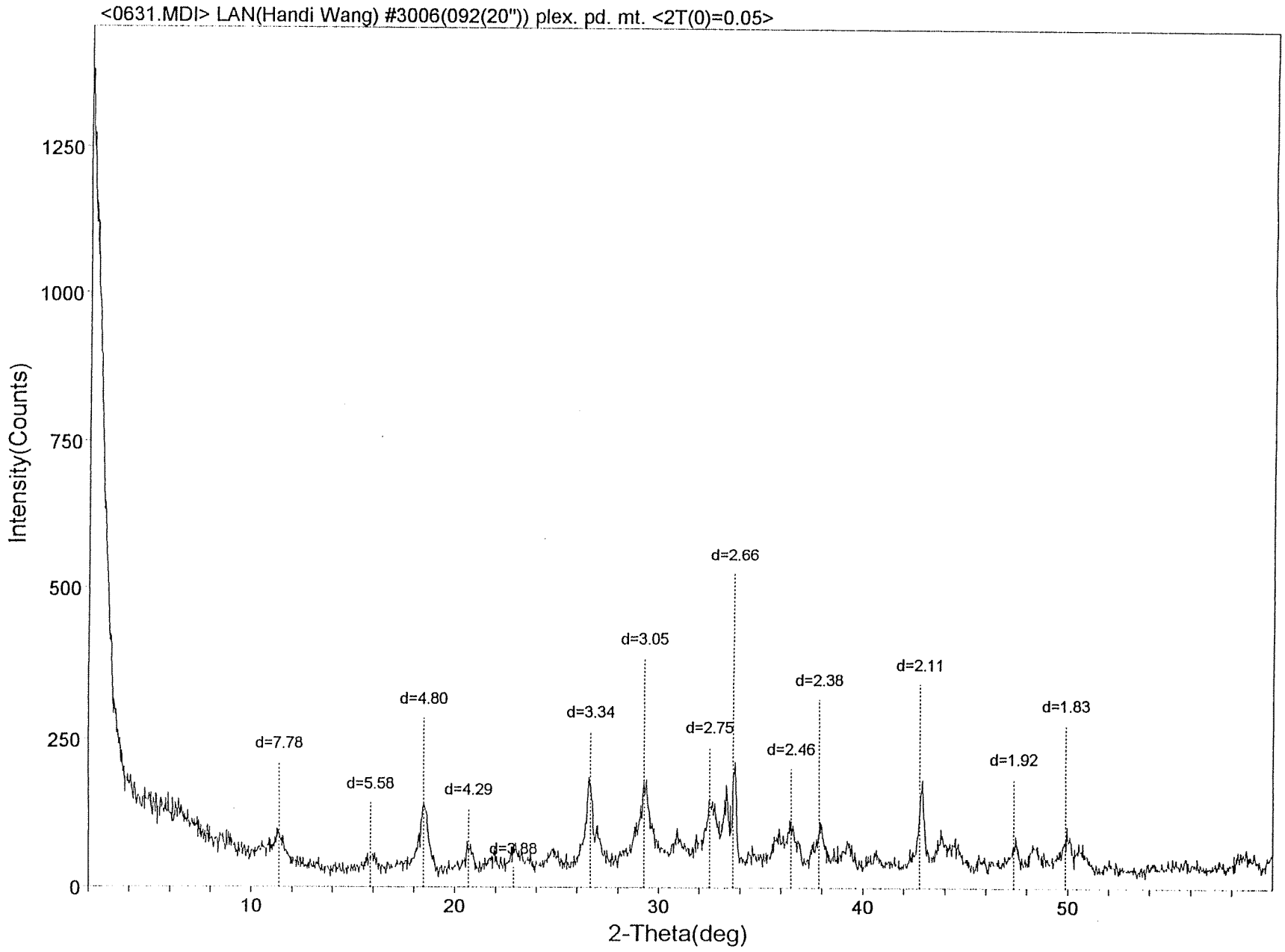
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500
750
1000
1250
10
20
30
40
50
d=7.78
d=5.58
d=4.80
d=4.29
d=3.88
d=3.34
d=3.05
d=2.66
d=2.75
d=2.46
d=2.38
d=2.11
d=1.92
d=1.83

F

Appendix F

Phase I
Work Area Air Monitoring Results

Dust Monitoring Data

SKW/Witmer Road

April 28, 1998

Time	Location	Position to Wind	Concentration (mg/m3)
8:15	A059	upwind	0.00
		downwind	0.02
8:30	A071	upwind	0.00
		downwind	0.00
9:00	A071	upwind	0.00
		downwind	0.00
9:36	A031	upwind	-
		downwind	0.00
10:18	A031	downwind	0.00
10:40	A055	downwind	0.00
11:00	A055	downwind	0.00
11:05	A082	downwind	0.00
11:27	A082	downwind	0.00
13:00	A012	downwind	0.00
13:27	A012	downwind	0.00
13:58	A012	downwind	0.00
14:12	A064	downwind	0.00
14:30	A064	downwind	0.00
14:47	A064	downwind	0.00
15:06	A064	downwind	0.00
15:30	A048	downwind	0.00
15:51	A048	downwind	0.00
16:10	A048	downwind	0.00
16:42	A071	downwind	0.00

Dust Monitoring Data

April 29, 1998

Time	Location	Position to Wind	Concentration (mg/m3)
7:30	A004	downwind	0.00
8:00	A004	downwind	0.00
8:05	104	downwind	0.02
8:25	104	downwind	0.00
8:46	51	downwind	0.00
9:15	033	downwind	0.04
9:40	033	downwind	0.04
9:52	033	downwind	0.00
9:58	054	downwind	0.04
10:10	054	downwind	0.00
10:15	092	downwind	0.00
10:26	092	downwind	0.00
10:51	092	downwind	0.00
11:07	114	downwind	0.07
11:08	114	downwind	0.03
11:20	114	downwind	0.01
12:30	166	downwind	0.03
12:56	166	downwind	0.03
13:10	149	downwind	0.07
13:17	149	downwind	0.03
13:21	149	downwind	0.03
13:30	240	downwind	1.74*
13:50	270	downwind	0.03
14:25	270	downwind	0.00
14:44	274	downwind	0.05
15:20	274	downwind	0.03

*reading from concrete dust from track hoe

Dust Monitoring Data

April 30, 1998

Time	Location	Position to Wind	Concentration (mg/m3)
6:45	209	downwind	0.03
7:50	154	downwind	0.04
8:20	154	downwind	0.07
9:00	266	downwind	0.05
9:50	127	downwind	0.03
10:04	181	downwind	0.47
10:07	181	downwind	0.05
10:36	181	downwind	0.05
12:45	193	downwind	0.01
13:03	171	downwind	0.03
13:46	170	downwind	0.05
14:05	188	downwind	0.07
14:16	191	downwind	0.05
14:55	133B	downwind	0.05
15:52	175	downwind	0.03
16:05	A034	downwind	0.07
16:16	A047	downwind	0.07
16:35	A061	downwind	0.09
16:50	A048C	downwind	0.09

LAN Associates, Inc.
Ref. #2.3269.6
Dust Monitoring Date

Appendix G

Groundwater and Surface Water Monitoring Results

Appendix G

Due to the voluminous nature of the data, Groundwater And Surface Water laboratory reports are on file at LAN Associates. A previous copy of the monitoring results have been submitted to the NYSDEC – Solid Waste Branch.
A summary of the results is provided herein.

Summary of Groundwater Monitoring Results

SKW Metals and Alloys, Inc.
Niagara Falls, New York

1993 to 1998

Monitoring Well 3-R

Quarter	UNITS	2ND/93	3RD/93	4TH/93	1ST/94	2ND/94	3RD/94	4TH/94	1ST/95	2ND/96	3RD/95	4TH/95	1ST/96	2ND/96	3RD/96	4TH/96	1ST/97	2ND/97	3RD/97	4TH/97	1ST/98	2ND/98	3RD/98	4TH/98
EVACUATION DATE		6/29/93	9/9/93	12/6/93	3/23/94	6/27/94	9/19/94	12/12/94	3/15/95	6/5/95	Not	10/27/95	1/24/96	4/18/96	7/11/96	10/31/96	1/29/97	4/29/97	7/29/97	10/22/97	1/21/98	6/17/98	7/20/98	10/13/98
TOP OF CASING ELEVATION	Feet	611.74	611.74	611.74	611 74	611.74	611.74	611.74	611 74	611.74	Sampled	611 74	611.74	611.74	611 74	611 74	611.74	611.74	611.74	611.74	611.74	611.74	611.74	611.74
WATER LEVEL (FEET)	Feet	4.83	8.93	3.62	2.65	2.87	8.05	3.52	2.61	6.44		5.14	2.796	2.44	6.11	3.8	6.54	3.81	7.95	8.02	3.06	6.08	8.34	10.38
WATER ELEVATION (BEFORE PURGE)	Feet	606.91	602.81	608.12	609.09	608.87	603.69	608 22	609 13	605.3		606.6	608.95	609.3	605 63	607 94	605.2	607 93	603.79	603.72	608.68	605.66	603.40	601.36
WELL BOTTOM (FEET)	Feet	12 04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04		12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	11.90
SAMPLE DATE		6/30/93	9/10/93	12/6/93	3/23/94	6/28/94	9/20/94	12/13/94	3/16/95	6/6/95		10/27/95	1/25/96	4/19/96	7/11/96	11/1/96	1/30/97	4/30/97	7/30/97	10/23/97	1/22/98	6/18/98	7/21/98	10/14/98
TURBIDITY	NTU	19.5	13.8	8.09	60.8	18.1	12.5	12.5	12	92		24	128	6	11	45	10	5	7	26	0.48	6.06	8.5	209
Eh	Millivolts	10	(-) 44	102	89	0	47	70	135	134		264	116	99	215	128	88	101	7	68	47	NA	170	223
SPECIFIC CONDUCTANCE	umhos/cm	825	1140	810	725	800	740	795	823	880		840	1573	940	920	911	1020	1600	858	873	813	756	942	575
TEMPERATURE	F	57	64	48	44	58	62	44	45	54		56	45	50	64	54	43	47	58	54	41	57 2	59	57
PH	Standard	7.11	7.16	6.99	7.13	7.05	7 15	7.02	6.77	7.18		7.46	7 13	7 08	7.07	7	7.17	7 1	6.95	7.15	7.07	7.07	7.32	7.50
TOTAL POTASSIUM	mg/L	< 1.0	<1.0	<1.0	<1.0	1.5	<1.0	1 7	<1 0	1.4		2.1	1 1	<1	1 8	1.4	1.1	3	<1.0	<1.8	<1.8	3.1	<1.8	<1.8
TOTAL SODIUM	mg/L	14	14	14	13.3	14	12	18	16	13		40	16	13	15	17	15	12	15	14	14	16	14	14
TOTAL IRON	mg/L	0.49	0.4	0.2	0.1	1	0.19	0.31	0.33	1.6		0.11	0.34	0.08	1	3.1	0.42	0.51	0.11	0.69	0.210	0.328	0 108	7.55
TOTAL MANGANESE	mg/L	0.03	0.02	<0.005	<0.005	0.04	0.01	0.007	0.009	0.07		<0.005	0 01	0.005	0.014	0.1	0.015	0.017	0.01	0.015	<0.010	0.039	<0.010	0.255
TOTAL MAGNESIUM	mg/L	47	51	45	42.6	43	45	48	50	48		7.6	49	52	48	50	50	50	52	50	51	50	53	48
TOTAL CALCIUM	mg/L	100	111	100	89	91	106	103	105	101		27	100	104	100	100	100	99	110	110	101	98	110	100
TOTAL LEAD	mg/L	< 0.005	< 0.005	<0.005	<0.005	0.006	<0 005	0 017	<0 005	0.007		<0.002	<0.002	<0.005	<0.005	0.005	<0.005	<0.005	0.005	<0.002	<0.002	<0.002	<0.002	0.059
TOTAL CADMIUM	mg/L	< 0 005	0 0006	<0.001	<0.0005	0.001	0.006	0.005	0.001	0.0004		0.0019	0.0009	<0.005	<0.001		<0.001	<0.001	<0.001	<0.016	<0.016	<0 001	<0.001	0 004
AMMONIA, MG/L	mg/L	< 0.05	< 0.05	<0.05	<0.05	0.07	0.05	0.13	<0.05	<0.05		0.13	<0.05	<0.05	0.06	<0 05	1.54	0.26	<0.4	<0.4	<0.4	<0.4	<0 4	<0.4
NITRATE, MG/L	mg/L	0 07	<0 05	0.08	0.11	0.05	0.1	<0.05	0.22	<0.05		0.07	0.05	0.07	0.09	<0.04	0.15	0.29	<0.04	0.05	0 17	0 09	0.07	0.06
CHEMICAL OXYGEN DEMAND	mg/L	8.21	1.3	4 5	<1.00	<1.00	<1.00	1.5	<1.0	<1.0		<1.0	<1 0	<5	<5 0	6	<5.0	<5.0	<5.0	<5.0	<5.0	<5 0	<5.0	<5.0
TOTAL ORGANIC CARBON	mg/L	1.32	1 13	8	2.5	1.4	1.7	1.3	1 5	<1.0		2	1 3	<4	<2.0	<2.0	<2.0	2.6	<2.0	<2.0	1.2	<2.0	1.3	2.7
TOTAL DISSOLVED SOLIDS, MG/L	mg/L	730	600	540	550	570	550	550	530	580		590	560	530	568	562	926	542	554	602	554	560	554	506
SULFATE	mg/L	90	120	79	110	94	100	110	110	110		93	94	96	97 D	74 D	90 D	85 D	74 D	89 D	72 D	80 D	76 D	82 D
ALKALINITY, MG/L	mg/L	370	380	370	360	370	370	380	370	390		365	370	390	370	400	390	390	395	360	405	365	380	355
PHENOLS	mg/L	ND	0.003	0.003	0.003	0 007	ND	<0.002	<0.002	<0.002		<0.002	<0.002	<0.004	<0.004	<0.004	<0.004	<0.004	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
CHLORIDE	mg/L	16	18	16	18	19	20	20	19	20		20	22	19	17	17	20	18	18	18	18	16	16	13
HARDNESS	mg/L	440	490	435	395	403	450	453	467	449		99	450	473	450	460	450	450	490	470	460	450	490	460
CYANIDE, TOTAL	mg/L	< 0.010						<0.010						<0.08						<0.04	<0 04			
TOTAL ALUMINUM	mg/L	0.22						2.9						<0.05						0.17	0 14			
TOTAL ANTIMONY	mg/L	< 0.05						<0.05						<0 05						<0.24	<0.24			
TOTAL ARSENIC	mg/L	< 0.005						<0.002						0.005						<0.002	<0.002			
TOTAL BARIUM	mg/L	0.04						0.05						0.02						0.050	0.028			
TOTAL BERYLLIUM	mg/L	< 0.005						<0 005						<0.005						<0.002	<0.002			
TOTAL CHROMIUM	mg/L	< 0.01						<0.01						<0.01						<0.014	<0.014			
TOTAL COPPER	mg/L	< 0.01						<0.01						<0.01						<0.010	<0.010			
TOTAL MERCURY	mg/L	< 0.001						<0.0005						<0.001						<0.0004	<0.0004			
TOTAL NICKEL	mg/L	< 0.02						<0.02						<0.02						<0.050	<0.050			
TOTAL SELENIUM	mg/L	< 0.005						<0.002						<0.005						<0.004	<0.004			
TOTAL SILVER	mg/L	< 0.005						<0.005						<0.005						<0.010	<0.010			
TOTAL THALLIUM	mg/L	< 0.05						<0.05						<0 05						<0.05	<0.05			
TOTAL ZINC	mg/L	0.07						0.08						<0.02						0.100	0 055			
TOTAL HEXAVALENT CHROMIUM, MG/L	mg/L	< 0 01						<0 01						<0.04		<0.04	<0 04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04

Note: Fourth quarter, 1998 results were biased by high sample turbtity (209 NTU)
The high turbtity indicates the sample is not representative of true groundwater conditions
The high turbtity indicates the sample is representative of a mixture of groundwater and sediment
Analysis of soluble lead was non-detect

Summary of Groundwater Monitoring Results

SKW Metals and Alloys, Inc.
Niagara Falls, New York

1993 to 1998

Monitoring Well 5-R

Quarter	UNITS	2ND/93	3RD/93	4TH/93	1ST/94	2ND/94	3RD/94	4TH/94	1ST/95	2ND/95	3RD/95	4TH/95	1ST/96	2ND/96	3RD/96	4TH/96	1ST/97	2ND/97	3RD/97	4TH/97	1ST/98	2ND/98	3RD/98	4TH/98
EVACUATION DATE		6/29/93	9/9/93	12/6/93	3/22/94	6/27/94	9/19/94	12/12/94	3/16/95	6/5/95	Not Sampled	10/27/95	1/24/96	4/18/96	7/11/96	10/31/96	1/29/97	4/29/97	7/29/97	10/22/97	1/21/98	6/17/98	7/20/98	10/13/98
TOP OF CASING ELEVATION	Feet	601.67	601.67	601.67	601.67	601 67	601.67	601.67	601.67	601.67		601.67	601.67	601.67	601 67	601.67	601.67	601.67	601.67	601.67	601.67	601.67	601.67	601.67
WATER LEVEL (FEET)	Feet	7.47	9.7	6.9	6.14	6.54	9.32	6.79	8.11	8.29		7.56	6.37	6.79	8 19	7.08	6.99	7.42	10.26	9.67	7.42	9.51	10.86	12.78
WATER ELEVATION (BEFORE PURGE)	Feet	594.2	591.97	594.77	595.53	595.13	592.35	594.88	593.56	593.38		594.02	595.3	594.88	593.48	594 59	594.68	594.25	591.41	592.00	594.25	592.16	590.81	588.89
WELL BOTTOM (FEET)	Feet	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2		20.2	20.2	20.2	20.2	20.2	20.2	20 2	20.2	20.2	20.2	20.2	20 2	19.84
SAMPLE DATE		6/30/93	9/10/93	12/7/93	3/22/94	6/28/94	9/20/94	12/13/94	3/16/95	6/6/95		10/27/95	1/25/96	4/19/96	7/11/96	11/1/96	1/30/97	4/30/97	7/30/97	10/23/97	1/22/98	6/18/98	7/21/98	10/14/98
TURBIDITY	NTU	13.5	8.2	9.65	25 9	13 8	7	9.2	8.5	15.4		8	24	11	8	10	23	10	36	34	21	3.21	4.7	8
Eh	Millivolts	11	(-) 39	84	55	111	45	103	36	103		155	(-)5	52	182	122	72	68	-9	-3	15	NA	135	227
SPECIFIC CONDUCTANCE	umhos/cm	1620	1840	1640	940	1525	1450	2700	1653	1810		1800	1950	1810	1530	1358	1720	1750	1162	1346	1309	1110	1320	690
TEMPERATURE	F	59	62	48	51	62	62	45	45	52		58	47	47	62	53	46	49	57	54	47	55.4	57	59
PH	Standard	7.81	7.47	8.15	7.02	7.89	8.05	7.66	8.72	7.97		8.38	7.97	9.35	7.78	6.76	8.24	7.48	7.37	7.96	7.44	7.12	7.52	8.20
TOTAL POTASSIUM	mg/L	19	18	19	1.97	20	19	26	34	38		42	59	62	66	71	78	67	60	66	72	43	46	3.1
TOTAL SODIUM	mg/L	127	115	139	39	138	142	156	158	156		150	150	155	130	120	130	115	105	120	114	100	82	120
TOTAL IRON	mg/L	0.64	0.71	0.53	0.85	0.41	0.3	0 36	0.35	0.57		0 44	0 4	0.45	0.12	0.46	0.72	0.34	0.42	0.343	0 389	1.44	0.125	6.58
TOTAL MANGANESE	mg/L	0.36	0.25	0.22	0.11	0.28	0.15	0.13	0.1	0 26		0.2	0.07	0.07	0.067	0.11	0.19	0.059	0.08	0.092	0.033	0.496	0 057	0.293
TOTAL MAGNESIUM	mg/L	61	57	64	45	52	49	49	45	43		34	36	34	23	16	23	22	17	19	24	24	15	38
TOTAL CALCIUM	mg/L	114	106	125	105	108	109	108	99	103		82	92	92	62	50	77	70	57	73	83	71	45	89
TOTAL LEAD	mg/L	< 0.005	<0.005	<0 005	<0.005	<0.005	<0 005	<0.002	<0.005	0.005		<0 002	0 002	<0 005	<0 005	<0.005	<0.005	<0.005	<0 005	<0.002	<0 002	<0.002	<0.002	0 007
TOTAL CADMIUM	mg/L	< 0.005	<0.0005	0.002	<0.0005	0 0039	<0.005	<0.005	<0.0005	0.002		0 0006	0.0009	<0 005	<0.001		<0 001	<0.001	<0 001	<0.016	<0.016	<0.001	<0.001	0.002
AMMONIA, MG/L	mg/L	0.06	<0.05	<0.05	0.05	0.14	<0.05	0.17	0.1	0.14		2.5	0.22	0.24	0.59	0 37	0.56	0.26	<0.4	0.44	<0.4	<0.4	<0.4	0.5
NITRATE, MG/L	mg/L	< 0.05	<0.05	<0 05	<0 05	<0 05	0.06	<0 05	<0 05	0.05		0.06	<0.05	0.05	0.21	0 06	0.15	0.09	0.07	0.14 D	0 19	0.06	<0 04	0 04
CHEMICAL OXYGEN DEMAND	mg/L	36.6	41	23	3	37	24	33	33	24		5 2	14	27	16	35	37	46	25	14	28	36	<5 0	14
TOTAL ORGANIC CARBON	mg/L	8.72	10.4	3.9	3.8	10.4	9.2	9 9	9 9	10		8 5	11	10	10	11	12	11	8.4	10	10	12	12	4 7
TOTAL DISSOLVED SOLIDS, MG/L	mg/L	1100	1100	1200	780	1200	1000	1100	1200	1100		1000	1000	1000	880	826	1070	824	782	868	860	736	528	702
SULFATE	mg/L	320	330	320	180	330	310	350	380	330		270	360	320	270 D	250 D	280 D	240 D	220 D	250 D	250 D	210 D	180 D	90 D
ALKALINITY, MG/L	mg/L	220	220	200	370	160	190	130	110	120		130	100	110	65	80	90	75	80	60	105	85	100	370
PHENOLS	mg/L	0.002	ND	0.003	0 013	0 006	ND	<0.002	<0 002	<0.002		<0.002	<0.002	<0.004	<0.004	<0 004	<0.004	0 013	<0.008	<0.008	<0.008	<0 008	<0.008	<0.008
CHLORIDE	mg/L	270	260	280	92	300	280	300	320	300		260	270	270	190 D	210	230 D	215 D	150 D	210 D	200	170 D	116	108
HARDNESS	mg/L	530	500	575	447	483	472	475	432	434		340	380	370	250	190	290	265	210	260	306	280	170	380
CYANIDE, TOTAL	mg/L	< 0.010						<0.010						<0.08						<0 04	<0.04			
TOTAL ALUMINUM	mg/L	0.1						0.32						0 26						0.22	0.13			
TOTAL ANTIMONY	mg/L	< 0 05						<0.05						<0 05						<0.24	<0.24			
TOTAL ARSENIC	mg/L	< 0.005						<0.002						<0 005						0 003	0.004			
TOTAL BARIUM	mg/L	0.04						<0.005						0.05						0.048	0.055			
TOTAL BERYLLIUM	mg/L	< 0.005						<0.005						<0.005						<0.002	<0.002			
TOTAL CHROMIUM	mg/L	< 0.01						<0.01						<0.01						<0.014	<0.014			
TOTAL COPPER	mg/L	< 0.01						<0.01						<0.01						<0.010	<0 010			
TOTAL MERCURY	mg/L	< 0.001						<0.0005						<0.001						<0.0004	<0.0004			
TOTAL NICKEL	mg/L	< 0 02						<0.02						<0.02						<0.050	<0.050			
TOTAL SELENIUM	mg/L	< 0.005						<0.002						<0.005						<0.004	0.005			
TOTAL SILVER	mg/L	< 0.005						<0.005						0.01						<0.010	<0 010			
TOTAL THALLIUM	mg/L	< 0.05						<0.05						<0.05						<0 05	<0.05			
TOTAL ZINC	mg/L	0.11						<0.02						<0.02						<0.016	<0 016			
TOTAL HEXAVALENT CHROMIUM, MG/L	mg/L	< 0.01						<0.01						<0.04		<0 04	<0.04	<0.04	<0 04	<0.04	<0.04	<0 04	<0.04	<0.04

Summary of Groundwater Monitoring Results

SKW Metals and Alloys, Inc.
Niagara Falls, New York

1993 to 1998

Point 6A

Quarter	UNITS	2ND/93	3RD/93	4TH/93	1ST/94	2ND/94	3RD/94	4TH/94	1ST/95	2ND/95	3RD/95	4TH/95	1ST/96	2ND/96	3RD/96	4TH/96	1ST/97	2ND/97	3RD/97	4TH/97	1ST/98	2ND/98	3RD/98	4TH/98
EVACUATION DATE		6/30/93	Not	12/7/93	3/23/94	6/28/94	9/20/94	12/13/95	3/15/95	6/5/95	Not	10/27/95	1/24/96	4/18/96	7/11/96	10/31/96	1/29/97	4/29/97	No	10/22/97	1/22/98	No	No	No
TOP OF CASING ELEVATION	Feet	N/A	Sampled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Sampled	N/A	N/A	N/A	N/A	N/A	NA	NA	Sample	NA	NA	Sample	Sample	Sample
WATER LEVEL (FEET)	Feet	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	NA	NA	Available	NA	NA	Available	Available	Available
WATER ELEVATION (BEFORE PURGE)	Feet	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	NA	NA		NA	NA			
WELL BOTTOM (FEET)	Feet	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	NA	NA		NA	NA			
SAMPLE DATE		6/30/93		12/7/93	3/23/94	6/28/94	9/20/94	12/13/95	3/16/95	6/6/95		10/27/95	1/25/96	4/19/96	7/11/96	11/1/96	1/30/97	4/30/97		10/23/97	1/22/98			
TURBIDITY *	NTU	21.5		6.08	18.5	115	14.5	23	8.8	16.9		31	11	74	4	7	14	12		48	8			
eH *	Millivolts	(-) 132		(-) 73	(-) 15	(-) 78	(-) 108	(-)312	(-)86	(-)101		(-)95	(-)68	-57	153	-30	-25	-150		-134	-168			
SPECIFIC CONDUCTANCE *	umhos/cm	7500		1175	1125	1950	7000	4600	1180	8070		4070	3530	2710	8050	2300	6250	4550		2450	4900			
TEMPERATURE *	F	60		40	44	74	66	23	57	85		52	35	58	78	47	34	58		36	40			
PH *	Standard	12.53		12.09	12.13	12.31	12.67	12.6	13.2	12.35		11.*99	12.92	13.6	12.91	11.65	12.67	12.37		12.24	12.35			
DISSOLVED OXYGEN	mg/L	1.74 *			9.06	3.66	1.26	6.61	6.1	2.7		5.9	9.17	7.3	2.16	7.6	2.51	7.59		6.04	6.54			
TOTAL POTASSIUM	mg/L	64		30	15	37	54	38	23	64		33	29	30	65	23	87	33		26	77			
TOTAL SODIUM	mg/L	77		37	44	60	72	72	86	74		47	55	64	66	33	70	75		39	64			
TOTAL IRON	mg/L	0.31		0.46	0.1	1.4	0.07	4.6	0.05	0.05		0.42	0.16	1	0.15	0.09	0.45	0.16		0.152	<0.060			
TOTAL MANGANESE	mg/L	0.03		<0.005	0.02	0.09	<0.005	0.1	0.01	0.009		0.03	0.01	0.04	0.012	<0.005	0.007	0.007		<0.010	<0.010			
TOTAL MAGNESIUM	mg/L	1.3		6.1	3.8	3.9	0.08	376	3.7	1.9		2.9	1	1.6	1.1	<0.05	0.4	1.9		0.65	0.50			
TOTAL CALCIUM	mg/L	810		126	82	330	588	376	127	71		300	250	280	440 D	120 D	410 D	230 D		180 D	410 D			
TOTAL LEAD	mg/L	< 0.005		<0.005	<0.005	0.014	0.015	<0.002	<0.005	0.008		0.005	0.002	0.006	<0.005	<0.005	<0.005	<0.005		<0.002	<0.002			
TOTAL CADMIUM	mg/L	< 0.005		<0.001	<0.0005	<0.0005	<0.005	<0.005	<0.0005	<0.0002		<0.0002	<0.0005	<0.005	<0.001		<0.001	<0.001		<0.016	<0.016			
AMMONIA, MG/L	mg/L	5		<0.05	1.5	3.4	4.6	4.2	3.9	9.4		3.5	2.6	2.5	2.9 D	2.1	14.2	1.5		1.2	7.9			
NITRATE, MG/L	mg/L	0.3		0.32	0.3	0.8	0.8	0.2	0.35	1.5		0.3	0.69	0.34	0.22	0.30 D	3.32	0.06		6.8 D	2.7 D			
CHEMICAL OXYGEN DEMAND	mg/L	23.2		23.35	7.4	30	21	20	33	14		29	27	9.3	<5.0	18	31	23		12	16			
TOTAL ORGANIC CARBON	mg/L	5.73		7.59	6	9.6	5.6	5.6	8.6	6.5		8.3	5.9	8.2	11	8.3	6.2	7.6		6.5	4.6			
TOTAL DISSOLVED SOLIDS, MG/L	mg/L	1600		400	350	570	1600	1200	630	1600		1000	830	830	1700	644	1310	992		592	1340			
SULFATE	mg/L	16		10.8	42	26	13	21	48	18		24	21	35	16	47 D	84 D	54 D		31	104 D			
ALKALINITY, MG/L	mg/L	1600		250	210	460	1700	1100	310	1600		660	590	410	1600	400	1150	735		330	1140			
PHENOLS	mg/L	0.032		0.009	0.009	0.026	0.04	0.013	0.012	0.018		0.01	0.01	0.009	0.02	<0.004	0.018	0.007		0.01	0.015			
CHLORIDE	mg/L	42		32	55	55	73	60	130	38		430	43	60	31 D	38	46 D	102 D		50 D	40 D			
HARDNESS	mg/L	2000		975	220	841	1470	940	333	188		760	630	706	1100	300	1000	570		450	1020			
CYANIDE, TOTAL	mg/L	< 0.010						<0.010						<0.08						<0.04	<0.4 **			
TOTAL ALUMINUM	mg/L	0.2						<0.05						0.18						0.23	<0.10			
TOTAL ANTIMONY	mg/L	< 0.05						<0.05						<0.05						<0.24	<0.24			
TOTAL ARSENIC	mg/L	<0.005						<0.002						<0.005						<0.002	<0.002			
TOTAL BARIUM	mg/L	0.4						0.24						0.18						0.178	0.382			
TOTAL BERYLLIUM	mg/L	< 0.005						<0.005						<0.005						<0.002	<0.002			
TOTAL CHROMIUM	mg/L	0.92						1.5						0.44						0.530	0.55			
TOTAL COPPER	mg/L	< 0.01						<0.01						0.01						0.013	<0.010			
TOTAL MERCURY	mg/L	< 0.001						<0.0005						<0.001						<0.0004	<0.0004			
TOTAL NICKEL	mg/L	< 0.02						0.48						<0.02						<0.050	<0.050			
TOTAL SELENIUM	mg/L	0.04						<0.002						<0.005						0.009	0.015			
TOTAL SILVER	mg/L	< 0.005						<0.005						<0.005						<0.010	<0.010			
TOTAL THALLIUM	mg/L	< 0.05						0.05						<0.05						<0.05	<0.05			
TOTAL ZINC	mg/L	0.13						<0.02						<0.02						<0.016	<0.016			
TOTAL HEXAVALENT CHROMIUM, MG/L	mg/L	0.84						0.57						0.36		0.32	0.42	0.28		0.54	0.56			

LAN Associates, Inc.
Job No. 2.3269.22
February 8, 1999

Summary of Groundwater Monitoring Results

SKW Metals and Alloys, Inc.
Niagara Falls, New York

1993 to 1998

Point 7

Quarter	UNITS	2ND/93	3RD/93	4TH/93	1ST/94	2ND/94	3RD/94	4TH/94	1ST/95	2ND/95	3RD/95	4TH/95	1ST/96	2ND/96	3RD/96	4TH/96	1ST/97	2ND/97	3RD/97	4TH/97	1ST/98	2ND/98	3RD/98	4TH/98
EVACUATION DATE		Not	Not	12/7/93	3/23/94	6/28/94	Not	12/12/94	3/15/95	Not	Not	10/27/95	1/24/96	4/18/96	Point 7	10/31/96	1/29/97	4/29/97	No	10/22/97	1/22/98	No	No	No
TOP OF CASING ELEVATION	Feet	Sampled	Sampled	N/A	N/A	N/A	Sampled	N/A	N/A	Sampled	Sampled	N/A	N/A	N/A	No sample	N/A	NA	NA	Sample	NA	NA	Sample	Sample	Sample
WATER LEVEL (FEET)	Feet			N/A	N/A	N/A		N/A	N/A			N/A	N/A	N/A	dry	N/A	NA	NA	Available	NA	NA	Available	Available	Available
WATER ELEVATION (BEFORE PURGE)	Feet			N/A	N/A	N/A		N/A	N/A			N/A	N/A	N/A		N/A	NA	NA		NA	NA			
WELL BOTTOM (FEET)	Feet			N/A	N/A	N/A		N/A	N/A			N/A	N/A	N/A		N/A	NA	NA		NA	NA			
SAMPLE DATE				12/7/93	3/23/94	6/28/94		12/13/94	3/16/95			10/27/95	1/24/96	4/19/96		11/1/96	1/30/97	4/30/97		10/23/97	1/22/98			
TURBIDITY	NTU			8.28	67.5	215		15	16.2			10	15	8		100	45	5		29	39			
eH	Millivolts			(-) 66	(-) 23	(-) 77		(-)323	(-)110			(-)53	(-)68	-76		-64	-34	-126		-136	-168			
SPECIFIC CONDUCTANCE	umhos/cm			1940	1950	1850		7500	1870			3670	5570	2710		5450	8410	6600		7410	6700			
TEMPERATURE	F			42	51	75		43	57			52	42	58		44	41	58		52	40			
PH	Standard			12.41	12.3	12.2		12.78	13.63			11.84	15.19	13.6		11.88	12.77	12.68		12.5	12.38			
DISSOLVED OXYGEN	mg/l							3.37	4.6			9.95	3.45	7		5.65	2.45	4.31		9.69	3.96			
TOTAL POTASSIUM	mg/L			17	40	21		21	92			26	93	9.2		72	57	59		48	61			
TOTAL SODIUM	mg/L			41	45	54		70	84			40	78	67		65	60	56		58	64			
TOTAL IRON	mg/L			0.09	0.3	0.95		<0.05	0.28			0.11	<0.05	<0.05		0.59	3.8	0.11		0.402	0.530			
TOTAL MANGANESE	mg/L			<0.005	0.02	0.12		<0.005	<0.005			<0.005	<0.005	<0.005		0.02	0.2	0.006		0.025	0.028			
TOTAL MAGNESIUM	mg/L			2	3.5	5.2		1.7	<0.05			0.54	0.93	1.2		3.2	11	0.27		0.80	2.2			
TOTAL CALCIUM	mg/L			170	184	187		201	439			480	390	190		260 D	710 D	600 D		600 D	590 D			
TOTAL LEAD	mg/L			<0.005	<0.005	0.01		<0.002	<0.005			0.002	0.005	0.005		0.008	0.008	<0.005		0.002	0.003			
TOTAL CADMIUM	mg/L			<0.001	<0.0005	<0.0005		<0.005	<0.0005			<0.0002	<0.0005	<0.005			<0.001	<0.001		<0.016	<0.016			
AMMONIA, MG/L	mg/L			3	7.5	4		6.7	15			8.1	16	1		8.9 D	3.36	1.3		3.3	1.4			
NITRATE, MG/L	mg/L			0.43	0.72	0.6		0.29	1.7			0.4	2.5	0.2		0.04	0.94	0.92		0.72 D	0.94			
CHEMICAL OXYGEN DEMAND	mg/L			23	7.4	43		26	30			32	11	9.3		21	31	<5.0		<5.0	13			
TOTAL ORGANIC CARBON	mg/L			6.98	5.5	15		7	6.2			8.2	6.2	6.5		6.6	8.9	4.9		4.0	5.0			
TOTAL DISSOLVED SOLIDS, MG/L	mg/L			610	640	550		790	1400			960	1300	630		1230	1480	1462		1630	1490			
SULFATE	mg/L			24	77	30		30	84			54	120	28		66 D	14	27		14	18			
ALKALINITY, MG/L	mg/L			310	480	390		610	1200			680	1100	430		990	1740	1630		1370	1550			
PHENOLS	mg/L			0.013	0.013	0.034		0.014	0.017			0.01	0.02	0.01		0.01	0.014	0.016		0.029	0.028			
CHLORIDE	mg/L			50	43	70		110	60			48	40	93		41	37 D	46 D		40 D	30 D			
HARDNESS	mg/L			435	474	488		508	1097			1200	980	480		660	1840	1500		1500	1480			
CYANIDE, TOTAL	mg/L							<0.010						<0.08						<0.04	<0.04			
TOTAL ALUMINUM	mg/L							<0.05						<0.05						0.23	0.23			
TOTAL ANTIMONY	mg/L							<0.05						<0.05						<0.24	<0.24			
TOTAL ARSENIC	mg/L							<0.002						<0.005						<0.002	<0.002			
TOTAL BARIUM	mg/L							0.2						0.11						0.333	0.344			
TOTAL BERYLLIUM	mg/L							<0.005						<0.005						<0.002	<0.002			
TOTAL CHROMIUM	mg/L							<0.01						0.25						0.705	0.72			
TOTAL COPPER	mg/L							<0.01						<0.01						0.018	0.010			
TOTAL MERCURY	mg/L							<0.0005						<0.001						<0.0004	<0.0004			
TOTAL NICKEL	mg/L							<0.02						<0.02						<0.050	<0.050			
TOTAL SELENIUM	mg/L							0.006						<0.005						0.035	0.033			
TOTAL SILVER	mg/L							<0.005						<0.005						<0.010	<0.010			
TOTAL THALLIUM	mg/L							<0.05						<0.05						<0.05	<0.05			
TOTAL ZINC	mg/L							<0.02						<0.02						<0.016	<0.016			
TOTAL HEXAVALENT CHROMIUM, MG/L	mg/L							0.32						0.24		0.38	0.64	0.75		0.68	0.72			

Summary of Groundwater Monitoring Results

SKW Metals and Alloys, Inc.
Niagara Falls, New York

1993 to 1998

Monitoring Well 12

Quarter	UNITS	2ND/93	3RD/93	4TH/93	1ST/94	2ND/94	3RD/94	4TH/94	1ST/95	2ND/95	3RD/95	4TH/95	1ST/96	2ND/96	3RD/96	4TH/96	1ST/97	2ND/97	3RD/97	4TH/97	1ST/98	2ND/98	3RD/98	4TH/98
EVACUATION DATE		6/29/93	9/9/93	12/6/93	3/22/94	6/27/94	9/19/94	12/12/94	3/15/95	6/5/95	Not	10/31/95	1/24/96	4/18/96	7/11/96	10/31/96	1/29/97	4/29/97	7/29/97	10/22/97	1/21/98	6/17/98	7/20/98	10/13/98
TOP OF CASING ELEVATION	Feet	597.52	597.52	597.62	597.52	597.52	597.52	597.52	597.52	597.52	Sampled	597.52	597.52	597.52	597.52	597.52	597.52	597.52	597.52	597.52	597.52	597.52	597.52	597.52
WATER LEVEL (FEET)	Feet	8.14	10.15	7.82	7.18	7.57	9.94	7.61	7.24	6.26		9.01	7.5	6.52	9.03	7.9	7.99	8.02	12.99	12.69	10.35	11.39	12.62	14.47
WATER ELEVATION (BEFORE PURGE)	Feet	589.38	587.37	589.7	590.34	589.95	587.58	589.91	590.28	591.26		588.51	590.02	591	588.49	589.62	589.53	589.5	584.53	584.83	587.17	586.13	584.9	583.05
WELL BOTTOM (FEET)	Feet	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3		19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	19.66
SAMPLE DATE		6/30/93	9/10/93	12/7/94	3/23/94	6/28/94	9/20/94	12/13/94	3/16/95	6/6/95		11/1/95	1/25/96	4/19/96	7/11/96	11/1/96	1/30/97	4/30/97	7/30/97	10/23/97	1/22/98	6/18/98	7/21/98	10/14/98
TURBIDITY	NTU	6.9	10.6	12.66	27	27	25.4	16.75	30	14.5		19	140	41	18	69	63	17	17	35	21	30.6	900	996
Eh	Millivolts	(-) 149	(-) 82	27	8	(-) 83	(-) 170	(-)72	(-)96	(-)145		41	98	51	59	42	72	77	-15	64	30	NA	-20	242
SPECIFIC CONDUCTANCE	umhos/cm	1750	1825	1750	1500	1575	1520	2600	1630	1890		1700	1215	1870	1910	1790	1920	2450	1640	1392	1328	1190	1510	930
TEMPERATURE	F	52	61	51	48	52	58	49	46	50		58	46	48	59	54	47	52	52	51	47	53.6	57	58
PH	Standard	7.01	6.84	6.99	7.16	7.01	7.01	7.14	7.3	7.11		6.52	7.32	6.89	7.02	6.86	6.94	7.02	6.89	7.14	7.11	7.11	7.24	7.32
TOTAL POTASSIUM	mg/L	9.4	9.6	8.7	8.3	8.8	9.7	9.2	11	8		17	9.3	8.5	10	8.7	7.8	8.4	7.3	7.0	5.6	8.2	9.3	11
TOTAL SODIUM	mg/L	131	133	135	108	109	120	114	119	113		91	100	122	120	120	120	114	120	87	84	94	91	88
TOTAL IRON	mg/L	0.56	0.87	0.48	0.69	0.74	0.93	0.72	0.61	0.7		<0.05	3.2	1.5	1.1	2.3	2.3	0.93	1.5	1.12	0.606	1.58	22.4	23.1
TOTAL MANGANESE	mg/L	0.45	0.17	0.2	0.32	0.33	0.2	0.25	0.33	0.35		<0.005	0.38	0.32	0.3	0.22	0.37	0.23	0.22	0.143	0.219	0.257	1.41	0.876
TOTAL MAGNESIUM	mg/L	84	90	77	72	72	75	77	75	78		6.8	69	74	70	68	70	73	72	62	64	64	110	78 D
TOTAL CALCIUM	mg/L	188	154	150	122	131	145	135	136	143		28	130	143	140	110 D	140	145 D	140 D	130 D	130 D	130	290 D	190 D
TOTAL LEAD	mg/L	< 0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	0.005		<0.002	0.003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002	0.017	0.014
TOTAL CADMIUM	mg/L	< 0.005	<0.0005	<0.001	<0.0005	<0.0005	<0.005	0.005	<0.0005	<0.0002		<0.0002	<0.0005	<0.005	<0.001		0.002	<0.001	<0.001	<0.016	<0.016	<0.001	<0.001	0.019 D
AMMONIA, MG/L	mg/L	0.05	0.08	0.06	0.11	0.13	0.06	0.21	<0.05	0.08		0.18	0.09	0.12	0.1	0.28	0.56	0.19	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
NITRATE, MG/L	mg/L	< 0.05	0.07	<0.05	0.06	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.04	<0.04	<0.04	<0.04	0.02	<0.04	<0.04	0.094	<0.04	<0.04	0.05
CHEMICAL OXYGEN DEMAND	mg/L	12.2	12	12	<1.00	11	<1.00	5.5	17	6.3		<1.0	4.9	5.4	<5.0	<5.0	<5.0	11	<5.0	<5.0	5.2	<5.0	<5.0	<5.0
TOTAL ORGANIC CARBON	mg/L	3.2	3.39	2.62	3.4	3.7	3.4	2.9	3.6	3.1		2.5	2.7	<4	<2.0	3.7	4.3	4.9	3.9	2.9	3.2	3.9	4.2	4.4
TOTAL DISSOLVED SOLIDS, MG/L	mg/L	1400	1200	1200	1100	1300	1200	1100	1100	1200		1100	950	1000	1220	1096	582	1094	1206	976	904	1030	1020	940
SULFATE	mg/L	240	260	220	240	220	220	230	220	180		180	200	220	270 D	250 D	250 D	290 D	310 D	190 D	180 D	220 D	200 D	170 D
ALKALINITY, MG/L	mg/L	390	380	380	390	400	400	400	390	400		420	380	330	370	370	370	375	380	360	380	375	385	385
PHENOLS	mg/L	0.003	0.003	0.003	0.003	0.008	0.003	<0.002	<0.002	<0.002		0.002	<0.002	<0.004	<0.004	<0.004	<0.004	0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
CHLORIDE	mg/L	310	320	300	270	260	280	270	270	260		230	190	220	220 D	220	220 D	210 D	210 D	160 D	130	185 D	160	160 D
HARDNESS	mg/L	820	755	690	600	622	670	640	622	755		98	610	660	640	550	640	650	650	590	590	600	1200	790 D
CYANIDE, TOTAL	mg/L	< 0.010						<0.010						<0.08						<0.04	<0.04			
TOTAL ALUMINUM	mg/L	0.05						0.25						0.7						0.54	0.37			
TOTAL ANTIMONY	mg/L	< 0.05						<0.05						<0.05						<0.24	<0.24			
TOTAL ARSENIC	mg/L	< 0.005						<0.002						<0.005						<0.002	<0.002			
TOTAL BARIUM	mg/L	0.1						0.04						0.04						0.036	0.047			
TOTAL BERYLLIUM	mg/L	< 0.005						<0.005						<0.005						<0.002	<0.002			
TOTAL CHROMIUM	mg/L	<0.01						<0.01						<0.01						<0.014	<0.014			
TOTAL COPPER	mg/L	< 0.01						<0.01						<0.01						<0.010	<0.010			
TOTAL MERCURY	mg/L	< 0.001						<0.0005						<0.001						<0.0004	<0.0004			
TOTAL NICKEL	mg/L	< 0.02						<0.02						<0.02						<0.050	<0.050			
TOTAL SELENIUM	mg/L	< 0.005						<0.002						<0.005						<0.004	<0.004			
TOTAL SILVER	mg/L	< 0.005						<0.005						<0.005						<0.010	<0.010			
TOTAL THALLIUM	mg/L	< 0.05						<0.05						0.05						<0.05	<0.05			
TOTAL ZINC	mg/L	0.09						<0.02						<0.02						<0.016	0.036			
TOTAL HEXAVALENT CHROMIUM, MG/L	mg/L	< 0.01						<0.01						<0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04

Summary of Groundwater Monitoring Results

SKW Metals and Alloys, Inc.
Niagara Falls, New York

1993 to 1998

Monitoring Well 14-N

Quarter	UNITS	2ND/93	3RD/93	4TH/93	1ST/94	2ND/94	3RD/94	4TH/94	1ST/95	2ND/95	3RD/95	4TH/95	1ST/96	2ND/96	3RD/96	4TH/96	1ST/97	2ND/97	3RD/97	4TH/97	1ST/98	2ND/98	3RD/98	4TH/98
EVACUATION DATE		6/30/93	9/10/93	12/7/93	3/23/94	6/28/94	9/20/94	12/12/94	3/16/95	6/5/95	Not	10/27/95	1/24/96	4/18/96	7/11/96	10/31/96	1/29/97	4/29/97	7/29/97	10/22/97	1/21/98	6/17/98	7/20/98	10/13/98
TOP OF CASING ELEVATION	Feet	601.82	601.82	601.82	601.82	601.82	601.82	601.82	601.82	601.82	Sampled	601.82	601.82	601.82	601.82	601.82	601.82	601.82	601.82	601.82	601.82	601.82	601.82	601.82
WATER LEVEL (FEET)	Feet	5.19	8.65	5.51	3.53	5.28	7.2	4.75	3.63	6.32		6.21	3.54	3.22	6.65	4.92	4.61	4.55	7.90	8.71	4.89	7.04	9.02	14.72
WATER ELEVATION (BEFORE PURGE)	Feet	596.63	593.17	596.31	598.29	596.54	594.62	597.07	598.19	595.5		595.61	598.28	598.6	596.17	596.9	597.21	597.17	593.92	593.11	596.93	594.78	592.80	587.10
WELL BOTTOM (FEET)	Feet	23	23	23	23	23	23	23	23	23		23	23.45	23.45	23.45	23.45	23	19.2	19.2	19.2	19.2	19.2	19.2	26.90
SAMPLE DATE		6/30/93	9/10/93	12/7/93	3/23/94	6/28/94	9/20/94	12/13/94	3/16/95	6/6/95		10/27/95	3/15/96	4/19/96	7/11/96	11/1/96	1/30/97	4/30/97	7/30/97	10/23/97	1/22/98	6/18/98	7/21/98	10/14/98
TURBIDITY	NTU	12.7	66.4	37.5	25.9	23.5	49	0.15	7.4	18.5		14	75	9	17	14	33	11	30	48	35	13.55	21.8	24
Eh	Millivolts	24	(-) 37	39	55	5	43	85	78	32		24	88	41	56	205	134	67	1	75	28	NA	25	201
SPECIFIC CONDUCTANCE	umhos/cm	1140	1325	1120	940	1050	1025	1110	1125	1250		1210	1290	1340	1310	1250	1270	1450	1095	1086	1012	995	1160	860
TEMPERATURE	F	55	62	51	51	54	59	45	45	54		58	50	54	64	56	51	50	52	52	50	57.2	61	57
PH	Standard	6.9	6.98	6.89	7.02	7.04	7.1	6.97	6.65	6.97		7.57	7.35	6.82	6.98	6.82	6.87	6.87	6.88	7.08	7.17	6.91	7.19	7.96
TOTAL POTASSIUM	mg/L	2.6	3	2.4	1.97	3.25	3.8	2.2	3.2	2.2		3.4	3	2.3	2.7	2.5	1.8	4.8	2.9	3.3	1.8	3.7	3.1	39
TOTAL SODIUM	mg/L	49	48	56	39	45	48	50	50	49		49	56	53	46	46	46	42	42	38	41	42	43	74
TOTAL IRON	mg/L	1.4	3	1.5	0.85	0.78	1.1	0.31	0.37	0.73		1	2.5	0.43	0.59	0.72	1.1	0.62	1.3	4.94	0.56	0.700	0.712	0.554
TOTAL MANGANESE	mg/L	0.14	0.21	0.13	0.11	0.1	0.13	0.1	0.1	0.11		0.11	0.19	0.12*	0.098	0.11	0.14	0.12	0.12	0.376	0.124	0.091	0.094	0.065
TOTAL MAGNESIUM	mg/L	55	61	56	45	49	54	55	52	54		52	62	59	51	53	55	56	53	46	51	52	53	14
TOTAL CALCIUM	mg/L	160	125	150	105	118	140	126	124	146		120	140	138	130	95 D	130	135 D	140 D	150 D	121	120	120	48
TOTAL LEAD	mg/L	< 0.005	<0.005	0.0006	<0.005	<0.005	<0.005	0.008	<0.005	0.004		<0.002	0.044	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.004	<0.002	<0.002	<0.002	<0.002
TOTAL CADMIUM	mg/L	< 0.005	<0.0005	<0.001	<0.0005	<0.0005	<0.005	<0.005	0.0006	<0.0002		0.0004	<0.0005	<0.005	0.003		<0.001	<0.001	<0.001	<0.016	<0.016	<0.001	<0.001	0.001
AMMONIA, MG/L	mg/L	< 0.05	<0.05	<0.05	0.05	0.07	<0.05	0.1	<0.05	0.06		0.41	<0.05	0.12	<0.05	<0.05	1.04	0.62	<0.4	<0.4	<0.4	<0.4	<0.4	0.5
NITRATE, MG/L	mg/L	< 0.05	<0.05	0.06	<0.05	0.34	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.04	<0.04	<0.04	<0.04	0.02	0.07	<0.04	0.041	<0.04	<0.04	0.14
CHEMICAL OXYGEN DEMAND	mg/L	12.2	8.8	12	3	13	<1.00	5.5	9.9	2.5		<1.0	2.9	<5	<5.0	9.7	<5.0	11	<5.0	<5.0	5.2	<5.0	<5.0	30
TOTAL ORGANIC CARBON	mg/L	2.58	<1.00	1.34	3.8	2.8	3.2	2.5	2.6	2.4		2.2	2.4	<4	3.3	2.6	2.6	3.4	3.5	2.7	2.4	3.1	3.0	11
TOTAL DISSOLVED SOLIDS, MG/L	mg/L	990	800	830	780	840	770	790	800	840		820	760	770	922	762	784	776	764	752	742	730	750	574
SULFATE	mg/L	180	180	180	180	160	180	170	180	180		150	180	170	160 D	160 D	170 D	170 D	180 D	150 D	160 D	150 D	170 D	146 D
ALKALINITY, MG/L	mg/L	370	360	360	370	370	370	370	370	380		360	370	380	370	375	370	360	345	310	360	360	365	85
PHENOLS	mg/L	ND	0.002	<0.002	0.013	0.007	ND	<0.002	<0.002	<0.002		<0.002	<0.002	<0.004	<0.004	<0.004	<0.004	<0.004	0.019	<0.008	<0.008	<0.008	<0.008	<0.008
CHLORIDE	mg/L	87	92	92	92	86	100	100	91	93		95	83	87	78 D	82	80 D	77 D	73	64	64	66	68	113
HARDNESS	mg/L	630	560	605	447	495	572	528	523	586		510	600	587	550	460	550	570	570	550	510	500	530	160
CYANIDE, TOTAL	mg/L	< 0.010						<0.010						<0.08						<0.04	<0.04			
TOTAL ALUMINUM	mg/L	0.71						0.2						<0.05						2.9	0.18			
TOTAL ANTIMONY	mg/L	< 0.05						<0.05						<0.05						<0.24	<0.24			
TOTAL ARSENIC	mg/L	< 0.005						<0.002						<0.005						<0.002	<0.002			
TOTAL BARIUM	mg/L	0.11						0.1						0.11						0.12	0.106			
TOTAL BERYLLIUM	mg/L	< 0.005						<0.005						<0.005						<0.002	<0.002			
TOTAL CHROMIUM	mg/L	< 0.01						<0.01						<0.01						<0.014	<0.014			
TOTAL COPPER	mg/L	< 0.01						<0.01						<0.01						0.012	<0.010			
TOTAL MERCURY	mg/L	< 0.001						<0.0005						<0.001						<0.0004	<0.0004			
TOTAL NICKEL	mg/L	< 0.02						<0.02						<0.02						<0.050	<0.050			
TOTAL SELENIUM	mg/L	< 0.005						<0.002						<0.005						<0.004	<0.004			
TOTAL SILVER	mg/L	< 0.005						<0.005						<0.005						<0.010	<0.010			
TOTAL THALLIUM	mg/L	< 0.05						0.08						<0.05						0.12	<0.05			
TOTAL ZINC	mg/L	0.6						0.5						0.57						0.478	0.701			
TOTAL HEXAVALENT CHROMIUM, MG/L	mg/L	< 0.01						<0.01						<0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04

LAN Associates, Inc.
Job No. 2.3269.22
February 8, 1999

Summary of Groundwater Monitoring Results

SKW Metals and Alloys, Inc.
Niagara Falls, New York

1993 to 1998

Leachate

Quarter	UNITS	2ND/93	3RD/93	4TH/93	1ST/94	2ND/94	3RD/94	4TH/94	1ST/95	2ND/95	3RD/95	4TH/95	1ST/96	2ND/96	3RD/96	4TH/96	1ST/97	2ND/97	3RD/97	4TH/97	1ST/98	2ND/98	3RD/98	4TH/98
EVACUATION DATE		6/30/93	9/10/93	12/7/93	3/23/94	6/28/94	9/20/94	12/12/94	3/15/95	6/5/95	t Sampled	10/27/95	1/24/96	4/18/96	7/11/96	10/31/96	1/29/97	4/29/97	7/29/97	10/22/97	1/22/98	6/18/98	7/20/98	10/13/98
TOP OF CASING ELEVATION	Feet	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R		N/R	N/R	N/R	N/R	N/R	NA	NA	NA	NA	NA	NA	NA	NA
WATER LEVEL (FEET)	Feet	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R		N/R	N/R	N/R	N/R	N/R	NA	NA	NA	NA	NA	NA	NA	NA
WATER ELEVATION (BEFORE PURGE)	Feet	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R		N/R	N/R	N/R	N/R	N/R	NA	NA	NA	NA	NA	NA	NA	NA
WELL BOTTOM (FEET)	Feet	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R		N/R	N/R	N/R	N/R	N/R	NA	NA	NA	NA	NA	NA	NA	NA
SAMPLE DATE		6/30/93	9/10/93	12/7/93	3/23/94	6/28/94	9/20/94	12/13/94	3/16/95	6/6/95		10/27/95	1/25/96	4/19/96	7/11/96	11/1/96	1/30/97	4/30/97	7/30/97	10/23/97	1/22/98	6/18/98	7/21/98	10/14/98
TOTAL KJELDAHL NITROGEN, MG/L	mg/L	0.4						0.3						3.4						0.6	0.79			13
AMMONIA, MG/L	mg/L	< 0.05	<0.05	<0.05	0.05	0.08	<0.05	0.14	<0.05	<0.05		0.12	<0.05	0.07	<0.05	<0.05	0.42	<0.1	<0.4	<0.4	<0.4	<0.4	<0.4	230
NITRATE, MG/L	mg/L	< 0.05	1.1	0.52	0.51	0.8	0.8	0.32	0.44	0.87		2.8	0.93	0.06	0.19	0.18	0.04	0.1	0.25	0.13 D	0.18 D	0.24	0.26	740
CHEMICAL OXYGEN DEMAND	mg/L	48.9	33	55	34.1	20	19	51	42	27		39	33	5.4	14	37	24	27	25	28	7.2	11	14	66
BOD5, MG/L	mg/L	< 2.0						<2.0						2.8	<0.001					<2.0	<2.0			8.60
TOTAL ORGANIC CARBON	mg/L	13.8	7.34	15.2	12	6.9	7.6	15	12	10		13	12	7.7	11	15	9.5	8.3	10	13	10	11	8.9	57
TOTAL DISSOLVED SOLIDS, MG/L	mg/L	1900	1100	1900	1100	680	930	1800	1500	1200		1800	1100	660	750	950	738	636	676	864	726	628	730	35
SULFATE	mg/L	520	310	550	360	200	210	560	430	260		350	310	140	150 D	200 D	140 D	140 D	126 D	180 D	131	120 D	110 D	0.209
ALKALINITY, MG/L	mg/L	260	180	330	260	140	180	330	270	220		250	270	310	350	420	365	310	280	250	370	270	305	<0.010
PHENOLS	mg/L	ND	0.004	0.005	0.003	0.008	ND	<0.002	<0.002	<0.002		<0.002	<0.002	<0.004	<0.004	<0.004	<0.004	0.007	<0.008	<0.008	<0.008	<0.008	<0.008	51
CHLORIDE	mg/L	330	260	420	270	140	200	380	320	250		260	200	70	55	110	80 D	100 D	94	130	64	74	68	49
HARDNESS	mg/L	520	360	600	377	198	270	550	440	332		390	380	360	260	430	420	250	350	370	384	320	380	<0.002
TURBIDITY	NTU	4.3	1.5	0.5	2.8	2.1	4.5	3.7	5.8	2.3		3	11	2	1.5	7	4	4	4	24	1.7	3.33	15	<0.001
eH	Millivolts	26	(-) 60	67	71	90	84	49	94	90		13	56	54	-88	124	70	73	-62	9	8	NA	150	<0.4
SPECIFIC CONDUCTANCE	mhos/cm	3000	1900	3000	1560	1100	1260	4250	1870	2160		2070	2080	1190	1066	1500	1270	1300	1200	1235	1190	895	1142	1.03 D
TEMPERATURE	F	64	64	49	45	66	67	43	49	68		58	44	46	65	53	41	46	65	55	49	62.6	68	33
pH	Standard	8.5	8.37	8.47	8.44	8.5	8.53	8.59	8.69	864		8.55	9.26	9.75	8.82	8.12	8.24	8.13	8.34	8.34	8.38	8.12	8.21	11
TOTAL POTASSIUM	mg/L	240	167	300	194	104	143	271	220	190		190	160	76	79	110	64	55	61	89	69	54	55	245
TOTAL SODIUM	mg/L	150	99	180	111	62	82	172	135	110		110	97	54	47	70	45	38	44	63	47	40	39	<0.008
TOTAL IRON	mg/L	0.27	0.07	0.03	0.19	0.2	0.21	0.2	0.43	0.16		21	0.16	0.32	0.19	0.1	0.07	0.24	0.1	0.170	0.082	0.213	0.113	64
TOTAL MANGANESE	mg/L	0.01	0.008	0.02	0.06	27	0.01	0.06	0.05	0.009		0.05	0.02	0.17	0.016	0.03	0.26	0.084	0.02	0.018	0.047	0.024	<0.010	330
TOTAL MAGNESIUM	mg/L	91	61	104	65	32	44	68	76	56		63	62	62	43	74	69	61	57	60	63	52	62	
TOTAL LEAD	mg/L	< 0.005	<0.005	0.006	<0.005	0.007	<0.005	0.002	<0.005	0.003		0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.002	0.005	
TOTAL CADMIUM	mg/L	< 0.005	<0.0005	<0.001	<0.0005	<0.0005	<0.005	<0.005	<0.0005	<0.0002		0.0005	<0.0005	<0.005			<0.001	<0.001	<0.001	<0.016	<0.016	<0.001	<0.001	
TOTAL SILVER	mg/L	< 0.005						<0.005						<0.005						<0.010	<0.010			
TOTAL ALUMINUM	mg/L	< 0.05						<0.05						<0.05						<0.10	<0.10			
TOTAL CALCIUM	mg/L	57	44	69	44	27	38	63	52	41		54	52	43	35	53	51	47	45	50	50	42	49	
TOTAL ANTIMONY	mg/L	< 0.05						<0.05						<0.05						<0.24	<0.24			
TOTAL ARSENIC	mg/L	0.02						0.028						<0.005						0.007	0.007			
TOTAL BERYLLIUM	mg/L	< 0.005						<0.005						<0.005						<0.002	<0.002			
TOTAL BARIUM	mg/L	0.02						0.02						<0.005						<0.002	0.027			
TOTAL HEXAVALENT CHROMIUM, MG/L	mg/L	0.02						<0.01						<0.04		0.05	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
TOTAL COPPER	mg/L	< 0.01						<0.01						<0.01						<0.010	<0.010			
TOTAL CHROMIUM	mg/L	0.03						0.02						<0.01						0.061	0.024			
TOTAL MERCURY	mg/L	< 0.001						<0.0005						<0.001						<0.0004	<0.0004			
TOTAL NICKEL	mg/L	< 0.02						<0.02						<0.02						<0.050	<0.050			
TOTAL SELENIUM	mg/L	0.02						<0.02						<0.005						0.007	0.004			
TOTAL THALLIUM	mg/L	< 0.05						<0.05						<0.05						<0.05	<0.05			
TOTAL ZINC	mg/L	0.14						<0.02						<0.02						<0.016	0.018			0.12
CYANIDE, TOTAL	mg/L	< 0.010						<0.010						<0.08						<0.04	<0.04			0.11

H

Appendix H

Phase II IRM Stormwater Monitoring Results

SKW ALLOYS

LANDFILL ANALYSIS

ADDITIONAL TESTING OF WELL~~S~~ ~~X~~ ~~&~~ 3R
And Stormwater Outfall
48 HOUR AND 72 HOUR RE-COLLECTION

SAMPLE DATES: 01/28-29/99

February 3, 1999
REF: DTT1917L/100B
Lab ID No. 10233

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: 3R (48hr) Resample
COLLECTION METHOD: Grab
COLLECTION DATE(S): 01/28/99
SAMPLE TYPE: Groundwater

AES CLIENT ID: DTT
AES SAMPLE ID: 917L-1

PROJECT ID: 917L

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	14	NTU	0.1	EPA 180.1
Total Potassium	ND	mg/L	1.8	EPA 200.7
Total Sodium	12	mg/L	0.08	EPA 200.7
Total Iron	0.408	mg/L	0.060	EPA 200.7
Total Manganese	0.016	mg/L	0.010	EPA 200.7
Total Magnesium	46	mg/L	0.14	EPA 200.7
Total Calcium	95	mg/L	0.08	EPA 200.7
Total Lead	0.004	mg/L	0.002	EPA 239.2
Total Cadmium	ND	mg/L	0.001	EPA 213.2
Hardness	430	mg/L	1.0	EPA 200.7

* Analysis performed in the field.

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: 3R (72hr) Resample
COLLECTION METHOD: Grab
COLLECTION DATE(S): 01/29/99
SAMPLE TYPE: Groundwater

AES CLIENT ID: DTT
AES SAMPLE ID: 917L-2

PROJECT ID: 917L

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	61.5	NTU	0.1	EPA 180.1
Total Potassium	ND	mg/L	1.8	EPA 200.7
Total Sodium	11	mg/L	0.08	EPA 200.7
Total Iron	2.31	mg/L	0.060	EPA 200.7
Total Manganese	0.094	mg/L	0.010	EPA 200.7
Total Magnesium	49	mg/L	0.14	EPA 200.7
Total Calcium	100	mg/L	0.08	EPA 200.7
Total Lead	0.010	mg/L	0.002	EPA 239.2
Total Cadmium	ND	mg/L	0.001	EPA 213.2
Hardness	460	mg/L	1.0	EPA 200.7

* Analysis performed in the field.

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Outfall 1 (72hr) resap
COLLECTION METHOD: Grab
COLLECTION DATE(S): 01/29/99
SAMPLE TYPE: Groundwater

AES CLIENT ID: DTT
AES SAMPLE ID: 917L-3

PROJECT ID: 917L

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	92.5	NTU	0.1	EPA 180.1
pH *	6.57	Std.	0.01	EPA 150.1
Total Hexavalent Chromium	0.05	mg/L	0.04	SW 846 7196
Total Chromium	0.200	mg/L	0.014	EPA 200.7

* Analysis performed in the field.

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: DTT

PROJECT ID: 917L

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Total Potassium	ND	mg/L	1.8	EPA 200.7
Total Sodium	ND	mg/L	0.08	EPA 200.7
Total Iron	ND	mg/L	0.060	EPA 200.7
Total Manganese	ND	mg/L	0.010	EPA 200.7
Total Magnesium	ND	mg/L	0.14	EPA 200.7
Total Calcium	ND	mg/L	0.08	EPA 200.7
Total Lead	ND	mg/L	0.002	EPA 239.2
Total Cadmium	ND	mg/L	0.001	EPA 213.2
Hardness	ND	mg/L	1.0	EPA 200.7
Total Hexavalent Chromium	ND	mg/L	0.04	SW 846 7196
Total Chromium	ND	mg/L	0.014	EPA 200.7

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT

CLIENT: SKW Alloys

AES CLIENT ID: DTT
PROJECT ID: 917L

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
Total Potassium	EPA 200.7	---	Independent Standard	104
Total Sodium	EPA 200.7	---	Independent Standard	101
Total Iron	EPA 200.7	---	Independent Standard	101
Total Manganese	EPA 200.7	---	Independent Standard	101
Total Magnesium	EPA 200.7	---	Independent Standard	102
Total Calcium	EPA 200.7	---	Independent Standard	100
Total Lead	EPA 239.2	---	Independent Standard	104
Total Cadmium	EPA 213.2	---	Independent Standard	106
Hardness	EPA 200.7	---	Independent Standard	101
Total Hexavalent Chromium	SW 846 7196	---	Independent Standard	104
Total Chromium	EPA 200.7	---	Independent Standard	100

ADVANCED ENVIRONMENTAL SERVICES
P.O. Box 165
2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120
FAX (716) 283-4727

02/15/99

Destination Fax number: (904) 824-0726

Attention : Skip Hutton
SKW Alloys
LAN Associates
66 Cuna St.
St Augustine, FL 32084

From : Jonathan

Number of Pages (including cover sheet): 6

Ref: 91AE

Surface Water Analysis
Sample Date: February 12, 1999

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Outfall 1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 02/12/99
SAMPLE TYPE: Water

AES CLIENT ID: DTT
AES SAMPLE ID: 91AE-1

PROJECT ID: 91AE

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
pH *	7.98	Standard	0.1	EPA 150.1
Turbidity *	58.5	NTU	0.1	EPA 180.1
Total Hexavalent Chromium	ND	mg/L	0.04	SW 846 7196
Total Chromium	ND	mg/L	0.014	EPA 200.7

* Analysis performed in the field.

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Pond Bank
COLLECTION METHOD: Grab
COLLECTION DATE(S): 02/12/99
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 91AE-2

PROJECT ID: 91AE

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
pH *	6.58	Standard	0.1	SW 846 9045
Total Chromium	16.4	mg/kg	1.4	SW 846 6010

* Analysis performed in the field.

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Swamp Area
COLLECTION METHOD: Grab
COLLECTION DATE(S): 02/12/99
SAMPLE TYPE: Water

AES CLIENT ID: DTT
AES SAMPLE ID: 91AE-3

PROJECT ID: 91AE

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
pH *	7.89	Standard	0.1	EPA 150.1
Turbidity *	60.6	NTU	0.1	EPA 180.1
Total Hexavalent Chromium	1.25 D	mg/L	0.04	SW 846 7196
Total Chromium	1.41	mg/L	0.014	EPA 200.7

* Analysis performed in the field.

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT

CLIENT: SKW Alloys

AES CLIENT ID: DTT
PROJECT ID: 91AE

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
Total Hexavalent Chromium	SW 846 7196	91AE-1	Matrix Spike	104
Total Hexavalent Chromium	SW 846 7196	91AE-3	Matrix Spike	103
Total Chromium	EPA 200.7	91AE-1	Matrix Spike	92
Total Chromium	EPA 200.7	91AE-3	Matrix Spike	93
Total Chromium	SW 846 6010	91AE-2	Matrix Spike	92

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT

CLIENT: SKW Alloys

AES CLIENT ID: DTT
PROJECT ID: 91AE

PRECISION

Analytical Parameter(s)	Method	Sample ID	Type	Relative % Difference
Total Hexavalent Chromium	SW 846 7196	91AE-1	Duplicate	NA
Total Hexavalent Chromium	SW 846 7196	91AE-3	Duplicate	9.9
Total Chromium	EPA 200.7	91AE-1	Duplicate	NA
Total Chromium	EPA 200.7	91AE-3	Duplicate	0.7
Total Chromium	SW 846 6010	91AE-2	Duplicate	12

NA = NOT AVAILABLE - ORIGINAL AND/OR DUPLICATE RESULTS ARE BELOW REPORTED LIMITS

Appendix I

Phase II Baghouse Dust Analytical Results

ADVANCED ENVIRONMENTAL SERVICES
P.O. Box 165
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Niagara Falls, New York 14304
(716) 283-3120
FAX (716) 283-4727

(716) 284-8753

Destination Fax number: (904) 824-0726

08/13/98

Attention : Skip Hutton
SKW Alloys
LAN Associates
66 Cuna St.
St Augustine, FL 32084

From : B. Simpson

Number of Pages (including cover sheet): 8 7

Ref: 82AH

Whitmer Road Recontouring
Chromium Analysis
July 29, 1998

ADVANCED ENVIRONMENTAL SERVICES, INC.
LABORATORY REPORT

CLIENT: SKW Alloys

PROJECT ID: 82AH

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82AH-1 Bag #1 07/29/98 Grab	82AH-2 Bag #2 07/29/98 Grab	82AH-3 Bag #3 07/29/98 Grab	
Total Chromium	SW 846 6010	0.7	1.4	mg/kg	110	126	111	
Total Lead	SW 846 6010	4.0	8.0	mg/kg	1940	2200	2210	

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Bag #1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/29/98
SAMPLE TYPE: Solid

AES CLIENT ID: DTT
AES SAMPLE ID: 82AH-1

PROJECT ID: 82AH

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.25	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	0.05	1.0	0.02	SW 846 6010
Chromium	0.12	5.0	0.05	SW 846 6010
Lead	7.91	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	0.17	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Bag #2
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/29/98
SAMPLE TYPE: Solid

AES CLIENT ID: DTT
AES SAMPLE ID: 82AH-2

PROJECT ID: 82AH

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.31	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	0.06	1.0	0.02	SW 846 6010
Chromium	0.12	5.0	0.05	SW 846 6010
Lead	8.6	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	0.23	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Bag #3
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/29/98
SAMPLE TYPE: Solid

AES CLIENT ID: DTT
AES SAMPLE ID: 82AH-3

PROJECT ID: 82AH

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.16	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	0.04	1.0	0.02	SW 846 6010
Chromium	0.19	5.0	0.05	SW 846 6010
Lead	13.5	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

Appendix J

Phase II
Surface Soil Sampling Results

SKW ALLOYS

ANALYSIS OF WHITMER ROAD SAMPLES

COLLECTED AUGUST 16, 1998

TCLP METALS

Prepared By:

ADVANCED ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

August 26, 1998
REF. DTT182F8/100O
Lab ID No. 10233

ADVANCED ENVIRONMENTAL SERVICES, INC.
LABORATORY REPORT

CLIENT: SKW Alloys

PROJECT ID: 82F8

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82F8-1 LS 1	82F8-2 LS 2	82F8-3 LS 3	82F8-4 LS 4
					8/16/98	8/16/98	8/16/98	8/16/98
					Grab	Grab	Grab	Grab
Total Silver	SW 846 6010	0.5	1.0	mg/kg	ND	ND	ND	ND
Total Aluminum	SW 846 6010	5.0	10.0	mg/kg	12500	10000	6730	10900
Total Boron	SW 846 6010	---	0	mg/kg	10.7	34.3	10.9	15.6
Total Barium	SW 846 6010	0.1	0.2	mg/kg	276	435	182	1080
Total Beryllium	SW 846 6010	0.1	0.2	mg/kg	0.60	0.64	0.53	1.47
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg	ND	1.94	1.81	2.46
Total Cobalt	SW 846 6010	0.9	1.8	mg/kg	11.3	11.2	11.7	13.5
Total Chromium	SW 846 6010	0.7	1.4	mg/kg	1640	1690	510	642
Total Copper	SW 846 6010	0.5	1.0	mg/kg	52.9	136	132	274
Total Iron	SW 846 6010	1.5	6.0	mg/kg	9700	NR	17400	25600
Total Potassium	SW 846 6010	90	180	mg/kg	741	2090	1550	1480
Total Magnesium	SW 846 6010	7.0	14	mg/kg	NR	NR	19900	25500
Total Manganese	SW 846 6010	0.5	1.0	mg/kg	3000	4090	2170	7130
Total Sodium	SW 846 6010	2.0	8.0	mg/kg	456	578	233	463
Total Nickel	SW 846 6010	2.5	5.0	mg/kg	880	287	293	190
Total Lead	SW 846 6010	4.0	8.0	mg/kg	NR	393	698	227

ADVANCED ENVIRONMENTAL SERVICES, INC.
LABORATORY REPORT

CLIENT: SKW Alloys

PROJECT ID: 82F8

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID: 82F8-1 Client Sample ID: LS 1 8/16/98 Grab	82F8-2 LS 2 8/16/98 Grab	82F8-3 LS 3 8/16/98 Grab	82F8-4 LS 4 8/16/98 Grab
Total Antimony	SW 846 6010	12	24	mg/kg	ND	ND	ND	ND
Total Vanadium	SW 846 6010	0.5	1.0	mg/kg	6.62	12.8	12.1	9.50
Total Zinc	SW 846 6010	0.8	1.6	mg/kg	110	440	556	481

CLIENT: SKW Alloys

PROJECT ID: 82F8

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID: 82F8-5 Client Sample ID: LS 5 8/16/98 Grab	82F8-6 LS 6 8/16/98 Grab	82F8-7 LS 7 8/16/98 Grab	82F8-8 LS 8 8/16/98 Grab
Total Silver	SW 846 6010	0.5	1.0	mg/kg	ND	ND	ND	ND
Total Aluminum	SW 846 6010	5.0	10.0	mg/kg	2510	12200	16200	8060
Total Boron	SW 846 6010	---	0	mg/kg	ND	ND	ND	ND
Total Barium	SW 846 6010	0.1	0.2	mg/kg	46	507	220	136
Total Beryllium	SW 846 6010	0.1	0.2	mg/kg	0.27	0.63	0.95	0.42
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg	ND	5.07	3.1	2.7
Total Cobalt	SW 846 6010	0.9	1.8	mg/kg	ND	43.1	19.7	24.2
Total Chromium	SW 846 6010	0.7	1.4	mg/kg	87	1750	398	807
Total Copper	SW 846 6010	0.5	1.0	mg/kg	86.7	1740	39.8	177
Total Iron	SW 846 6010	1.5	6.0	mg/kg	4130	NR	39400	NR
Total Potassium	SW 846 6010	90	180	mg/kg	461	1060	2200	967
Total Magnesium	SW 846 6010	7.0	14	mg/kg	4780	17800	14700	18700
Total Manganese	SW 846 6010	0.5	1.0	mg/kg	616	7150	2740	3680
Total Sodium	SW 846 6010	2.0	8.0	mg/kg	70.0	241	221	121
Total Nickel	SW 846 6010	2.5	5.0	mg/kg	15.0	658	286	847
Total Lead	SW 846 6010	4.0	8.0	mg/kg	18.1	499	120	307

CLIENT: SKW Alloys

PROJECT ID: 82F8

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID: 82F8-5 Client Sample ID: LS 5 8/16/98 Grab	82F8-6 LS 6 8/16/98 Grab	82F8-7 LS 7 8/16/98 Grab	82F8-8 LS 8 8/16/98 Grab
Total Antimony	SW 846 6010	12	24	mg/kg	ND	ND	ND	ND
Total Vanadium	SW 846 6010	0.5	1.0	mg/kg	ND	33.1	22.1	15.6
Total Zinc	SW 846 6010	0.8	1.6	mg/kg	72.2	1090	186	380

CLIENT: SKW Alloys

PROJECT ID: 82F8

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82F8-9 LS 9 8/16/98 Grab	82F8-10 LS 10 8/16/98 Grab	82F8-11 LS 11 8/16/98 Grab	82F8-12 LS 12 8/16/98 Grab
Total Silver	SW 846 6010	0.5	1.0	mg/kg	ND	ND	ND	ND
Total Aluminum	SW 846 6010	5.0	10.0	mg/kg	3500	11600	5920	14000
Total Boron	SW 846 6010	---	0	mg/kg	ND	22.6	10.3	22.0
Total Barium	SW 846 6010	0.1	0.2	mg/kg	51	237	104	63
Total Beryllium	SW 846 6010	0.1	0.2	mg/kg	0.35	0.55	0.41	0.43
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg	2.3	3.0	3.1	ND
Total Cobalt	SW 846 6010	0.9	1.8	mg/kg	16.2	25.0	16.8	8.23
Total Chromium	SW 846 6010	0.7	1.4	mg/kg	403	953	598	3300
Total Copper	SW 846 6010	0.5	1.0	mg/kg	318	146	306	24.2
Total Iron	SW 846 6010	1.5	6.0	mg/kg	NR	32800	23400	7350
Total Potassium	SW 846 6010	90	180	mg/kg	721	1250	1690	4190
Total Magnesium	SW 846 6010	7.0	14	mg/kg	6280	31200	12700	63400
Total Manganese	SW 846 6010	0.5	1.0	mg/kg	2020	5990	2270	869
Total Sodium	SW 846 6010	2.0	8.0	mg/kg	66.6	319	206	226
Total Nickel	SW 846 6010	2.5	5.0	mg/kg	250	646	520	67.5
Total Lead	SW 846 6010	4.0	8.0	mg/kg	250	138	334	796

CLIENT: SKW Alloys

PROJECT ID: 82F8

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID: 82F8-9 Client Sample ID: LS 9 8/16/98 Grab	82F8-10 LS 10 8/16/98 Grab	82F8-11 LS 11 8/16/98 Grab	82F8-12 LS 12 8/16/98 Grab
Total Antimony	SW 846 6010	12	24	mg/kg	ND	ND	ND	ND
Total Vanadium	SW 846 6010	0.5	1.0	mg/kg	ND	21.8	ND	ND
Total Zinc	SW 846 6010	0.8	1.6	mg/kg	194	330	2190	858

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: LS 2
COLLECTION METHOD: Grab
COLLECTION DATE(S): 8/16/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82F8-2

PROJECT ID: 82F8

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.23	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	ND	1.0	0.02	SW 846 6010
Chromium	0.09	5.0	0.05	SW 846 6010
Lead	ND	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: LS 4
COLLECTION METHOD: Grab
COLLECTION DATE(S): 8/16/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82F8-4

PROJECT ID: 82F8

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	ND	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	ND	1.0	0.02	SW 846 6010
Chromium	0.08	5.0	0.05	SW 846 6010
Lead	ND	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: LS 6
COLLECTION METHOD: Grab
COLLECTION DATE(S): 8/16/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82F8-6

PROJECT ID: 82F8

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.24	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	ND	1.0	0.02	SW 846 6010
Chromium	ND	5.0	0.05	SW 846 6010
Lead	ND	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: LS 11
COLLECTION METHOD: Grab
COLLECTION DATE(S): 8/16/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82F8-11

PROJECT ID: 82F8

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	ND	5.0	0.16	SW 846 6010
Barium	1.0	100	1.0	SW 846 6010
Cadmium	0.05	1.0	0.02	SW 846 6010
Chromium	0.10	5.0	0.05	SW 846 6010
Lead	0.07	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: LS 12
COLLECTION METHOD: Grab
COLLECTION DATE(S): 8/16/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82F8-12

PROJECT ID: 82F8

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.18	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	ND	1.0	0.02	SW 846 6010
Chromium	0.24	5.0	0.05	SW 846 6010
Lead	0.06	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

SKW ALLOYS

TCLP Analysis of Sample LS-3

Collected August 16, 1998

Prepared By:

ADVANCED
ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

September 2, 1998
REF: DTT182IG/100O
Lab ID No. 10233

QA/QC VERIFICATION FOR PROJECT ID 82IG

The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherance to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.

Metals Department

Quality Control

Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted.
Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested
D - Indicates a dilution was required

CLIENT: SKW Alloys
SAMPLE ID: LS-3
COLLECTION METHOD: Grab
COLLECTION DATE(S): 08/18/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82IG-1
PROJECT ID: 82IG

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.23	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	ND	1.0	0.02	SW 846 6010
Chromium	0.04	5.0	0.05	SW 846 6010
Lead	0.09	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES, INC
Extraction Traceability Report

AES Job Code DTT AES Project Reference 82IG

TECHNICIAN	ANALYTICAL METHOD	SAMPLE ID(S)	DATE OF EXTRACTION
RP	1311	82IG-1	9/1/98

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification DTT 82IG

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
82IG-1	8/18/98	—	—	3010	9/2/98	RP	6010	9/2/98	RP
82IG-1	8/18/98	—	—	7470	9/2/98	JK	7470	9/2/98	JK

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology

CHAIN OF CUSTODY RECORD

ADVANCED
ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

CUSTOMER NAME: SKW Metals & Alloys

PROJECT NAME: Witmer Road Recontouring

SAMPLER'S SIGNATURE:

PROJECT I.D.#: 2.3269.22

JOB CODE:

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO_3	H_2SO_4	HCL	NaOH	VIAL (PRES.)	VIAL (UNPRES.)	OTHER	TOTAL	PARAMETERS / REMARKS
8/16/98	3:09	LS1	X		Soil	X								1	TCLP Metals
	3:18	LS2													
	3:22	LS3													
	3:30	LS4													
	3:40	LS5													
	3:48	LS6													
	3:58	LS7													
	4:04	LS8													
	4:11	LS9													
	4:16	LS10													
	4:23	LS11													
	4:55	LS12													

TOTAL NUMBER OF CONTAINERS: 12

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY:	8/16/98	5:50 PM	W. Joseph McDougall
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

Appendix K

Phase II
Test Pit Logs

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 1

Location: at Stake #477

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater									
Date	Water Depth	Water Elev.	Intake	Type	Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
				Diam.					Date Started 9/25/98
				Weight					Date Finished
				Fall					Driller
									Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Black industrial fill with wood, metal, and brick two emply baghouse bags	
	1						
	2						
	3					White to tan hard Ca slag	
	4					Native brn clay	
	5						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 2

Location: 25' east of Stake #477

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job #2.3269.22

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/25/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Black industrial fill with wood, metal, & brick 2" white to tank Ca slag	No baghouse bags
	1						
	2						
	3					Native brown clay	
	4						
	5						
	36"					Thin black layer mixture of fines and glass-like pebbles	Sample fines at 36"
	38"					Large rock rubble some black granular glass or product?	
	48"					Clay	
	60"					End at 60"	

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 3

Location: 25' west of Stake #477

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/25/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Black industrial fill with brick, wood, & metal. No baghouse bags	
	1						
	2					White to tan Ca slag	2.5' to 2.7'
	3					Native brown clay	2.7' to 4.5'
	4						
	5						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 4

Location: at Stake #470

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/25/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Black industrial fill with metal & bricks. No baghouse bags	0-16"
	6"						
	12"						
	18"					White to tan Ca slag	16-48"
	24"						
	30"						
	36"						
	42"						
	48"					Native brown clay	48-60"
	60"						

LAN ASSOCIATES, Inc. 66 Cuna St. St. Augustine Fl. 32084 904-824-6999									Test Pit No. 5 Location: 25' south & 12.5' east of Stake #477
Project: Site Screening Soil Sampling									Sheet No. 1 of 1
Client: SKW Metals & Alloys									Job #2.3269.22
Boring Contractor:									G.S. Elevation
Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brown to black industrial fill with wood, metal, cable and bricks. No baghouse bags or dust (railroad ties)	
	1						
	2						
	3					Tan Ca slag	
	4						
	5					Native brown clay	
	6						
	7						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 6

Location:

Project: Site Screening Soil Sampling | Sheet No. 1 of 1
Client: SKW Metals & Alloys | Job #2.3269.22
Boring Contractor: | G.S. Elevation
Groundwater | W.L. Ref. Elev.

Date	Water Depth	Water Elev.	Intake		Cas.	Samp.	Core	Tube
				Type				
				Diam.				
				Weight				
				Fall				

Date Started 9/26/98
Date Finished
Driller
Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brown to black industrial fill, very rocky with some wood & some metal. No baghouse bags.	
	1						
	2						
	3					Native brown clay	
	4						
	5						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 7

Location: 25' south & 37.5' west of Stake #477

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brn to blk industrial fill with lots of rocks & some brick, wood, & metal No baghouse bags.	1-2'8"
	1						
	2						
	3					Brown native clay	2'8" - 5'
	4						
	5						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 8

Location: 25' north & 37.5' west of Stake #477

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0						
	6"						
	12"					Light tan Ca slag water in excavation at ~ 27"	1 -2'
	18"						
	24"						
	30"					Gravel (from foundation sub base?) concrete slag was observed at approx. 15" below subgrade	2'-41"
	36"						
	42"					at 41" refusal large steel or concrete	

LAN ASSOCIATES, Inc. 66 Cuna St. St. Augustine Fl. 32084 904-824-6999									Test Pit No. 9 Location: 25' north & 12.5' west of Stake #477
Project: Site Screening Soil Sampling									Sheet No. 1 of 1
Client: SKW Metals & Alloys									Job #2.3269.22
Boring Contractor:									G.S. Elevation
Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brn to blk industrial fill with some wood, rock, and brick. No baghouse bags	1-27"
	12"						
	24"						
	36"					Tan Ca slag water at ~ 37"	27'51"
	48"						
	60"					Native greenish gray clay	54-72"
	72"						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 10

Location: 25' north & 12.5' east of Stake #477

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater | Cas. | Samp. | Core | Tube | W.L. Ref. Elev.

Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brn to blk industrial fill with some wood, rock & brick. No baghouse bags	1-27"
	12"						
	24"						
	36"					Lt brn slay with very fine sand. No water.	27-48"
	48"						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 11

Location: Approx. 25' SW of stake #266 in middle of rd.

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Road base stone & slag and brn to blk fill No baghouse bags. No water.	Collect soil sample at 16"
	1						
	2						
	3					Lt brn native clay No water	
	4						
	5						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 12

Location: Approx. 12.5' south of stake #226 on rd shoulder

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Road base rock slag & gravel. Some gray dust. No baghouse bags	1-31"
	12"						
	24"						
	26"						
	48"					Lt brn clay. No water	36-60"
	60"						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 13

Location: Approx. 12.5' north of stake #226 on rd. shoulder

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job #2.3269.22

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Rd base rock slag & gravel, some gray dust. No baghouse bags	0-7"
	6"					Lt brn clay. No water	7-33"
	12"						
	18"						
	24"						
	30"						
	36"						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 14

Location: Approx. 12.5' east of stake #226 in middle of rd. on ramp

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job #2.3269.22

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Very hard road base of rock and gravel, slag. No dust or baghouse bags.	
	12"						
	24"						
	36"					Lt brn native clay. No water.	
	48"						
	60"						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 15

Location: North of Stake #408

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Lt gray slag and dust	
	12"					Lt reddish brn native clay	
	24"						
	36"						
	48"						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 16

Location: 10' east of Stake #385

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job #2.3269.22

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/26/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Lt brn soil and slag mix	
	12"						0-28"
	24"						
	36"					Black slag very hard looks like carbon slag?	28-40"
	48"					Gray native clay followed by lt. reddish brn native clay	40-66"
	60"						
	72"						

LAN ASSOCIATES, Inc. 66 Cuna St. St. Augustine Fl. 32084 904-824-6999									Test Pit No. 17 Location: 25' east of Stake #364
Project: Site Screening Soil Sampling									Sheet No. 1 of 1
Client: SKW Metals & Alloys									Job #2.3269.22
Boring Contractor:									G.S. Elevation
Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples				Classification	Remarks
		No.	Type	Rec.	Blows/6"		
	0					Lt brn to brn fill with soil & rock. No bags. No dust. Lt gray material	
	1						
	2						
	3					Lt reddish brn native clay No water	
	4						
	5						

LAN ASSOCIATES, Inc.
66 Cuna St. St. Augustine Fl. 32084
904-824-6999

Test Pit No. 18

Location: 25' S of stake #342

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job #2.3269.22

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brn fill soil rock and concrete	Placed by SLC as fill in low area of basin
	6"						
	12"						
	18"						
	24"						
	30"					Lt blue gray dust/slag cemented in hard friable mat.	27-32" No baghouse bags.
	36"					Yellow tan hard slag No baghouse bags	32-41"
	42"					Lt brn native clay No water	41-65"
	48"						
	60"						
	66"						

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Test Pit No. 19

Location: Midway between Stake #340 & 363

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brn soil & fill with rock and concrete	Placed by SLC in low area of basin
	6"						
	12"						0-24"
	18"						
	24"					Root mat. from original plants in basin. No bags/dust	24-30"
	30"					Yellow tan slag material very hard & compact No bags/dust	30-38"
	36"						
	42"					Lt brn native clay	38-62"
	48"						
	60"						
	66"						

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66 Cuna St. St. Augustine Fl. 32084
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Test Pit No. 20

Location: 35.5' NE of stake #84

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Black fill with slag and cinders	
	6"					Lt gray hard slag fill Water at ~ 72" No bags.	
	12"						
	24"						
	30"						
	36"						
	42"						
	48"						
	54"						
	60"						
	66"						
	72"					Greenish brn native clay	
	78"						
	84"						
	90"						
	96"						

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Test Pit No. 21

Location: 35.5' SE of Stake #84

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Black fill with slag & cinders	0-6"
	6"					Lt gray hard slag fill No bags.	6-52"
	12"						
	18"						
	24"						
	30"						
	36"						
	42"						
	48"						
	54"					Gray native clay	52-76"
	60"						
	66"						
	72"						
	78"						

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Test Pit No. 22

Location: Stake #59
North edge of ramp rd.

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job #2.3269.22

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Industrial fill (layered slag) white tank & brn No bags.	0-37"
	12"						
	24"						
	36"					Brn native clay Dry no water	37-60"
	48"						
	60"						

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Test Pit No. 23

Location: 40' south of Stake #59 on south edge of rd.

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brn industrial fill with rock slag, brick, and black cinder No baghouse bags	0-35"
	12"						
	24"						
	36"					Brn native clay No water	35-60"
	48"						
	60"						

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Test Pit No. 24

Location: Middle of rd. about 35.5' SE of Stake #59

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job **#2.3269.22**

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brn industrial fill with gray and black slag and rock/ brick No baghouse bags No dust	0-36"
	12"						
	24"						
	36"					Brn bative clay No water	36-60"
	48"						
	60"						

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Test Pit No. 25

Location: Middle of rd. approx. 35.5' SW of Stake #59

Project: Site Screening Soil Sampling | Sheet No. 1 of 1

Client: SKW Metals & Alloys | Job #2.3269.22

Boring Contractor: | G.S. Elevation

Groundwater					Cas.	Samp.	Core	Tube	W.L. Ref. Elev.
Date	Water Depth	Water Elev.	Intake	Type					Date Started 9/28/98
				Diam.					Date Finished
				Weight					Driller
				Fall					Engineer/Geologist Skip Hutton

Well Construction	Depth (ft.)	Samples No.	Type	Rec.	Blows/6"	Classification	Remarks
	0					Brn industrial fill layered gray white & brn mixed with rock and slag. No baghouse bags. No dust	
	12"						
	24"						
	36"					Brn native clay No water	
	48"						
	60"						

L

Appendix L

Phase II
Test Pit Analytical Results

SKW ALLOYS

SKW WITMER ROAD RECONTOURING

SEPTEMBER 30, 1998

Prepared By:

ADVANCED
ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

October 12, 1998
REF: DTT82PU/100O
Lab ID No. 10233

QA/QC VERIFICATION FOR PROJECT ID 82PU

The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherance to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.

Metals Department

Quality Control

Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted.
Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested
D - Indicates a dilution was required

ADVANCED ENVIRONMENTAL SERVICES, INC.
LABORATORY REPORT

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID Client Sample ID 82PU-1 Test Pit #1 1-3' 09/25/98 Grab	82PU-2 Test Pit #1 3-3.5' 09/25/98 Grab	82PU-3 Test Pit #1 4-4.5' 09/25/98 Grab	82PU-4 Test Pit #2 1-3' 09/25/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	53	56	96	72
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	30	57	110	87
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	3.5	ND	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	870	800	78	88
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	150	410	34	29
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

ADVANCED ENVIRONMENTAL SERVICES, INC.
LABORATORY REPORT

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-5 Test Pit #2 3-5' 09/25/98 Grab	82PU-6 Test Pit #3 1-2.5' 09/25/98 Grab	82PU-7 Test Pit #3 2.5-2.7' 09/25/98 Grab	82PU-8 Test Pit #3 2.7-4.5' 09/25/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	71	41	70	86
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	150	46	60	34
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	ND	1.7	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	930	1030	59	1140
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	150	160	30	290
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-9 Test Pit #4 0-16" 09/25/98 Grab	82PU-10 Test Pit #4 16-48" 09/25/98 Grab	82PU-11 Test Pit #4 48-60" 09/25/98 Grab	82PU-12 Test Pit #5 1-3' 09/26/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	72	38	58	140
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	55	47	93	120
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	ND	ND	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	670	980	110	100
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	220	60	23	39
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-13 Test Pit #5 3-5' 09/26/98 Grab	82PU-14 Test Pit #5 5-7' 09/26/98 Grab	82PU-15 Test Pit #6 1-3' 09/26/98 Grab	82PU-16 Test Pit #6 3-5' 09/26/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	57	82	61	80
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	180	190	89	80
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	2.8	2.8	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	800	1350	680	68
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	38	170	310	47
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-17 Test Pit #7 1-2' 09/26/98 Grab	82PU-18 Test Pit #7 32-60" 09/26/98 Grab	82PU-19 Test Pit #8 1-2' 09/26/98 Grab	82PU-20 Test Pit #8 24-41" 09/26/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	72	100	70	54
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	57	110	150	70
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	2.1	ND	1.8	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	1000	85	1000	1200
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	380	37	150	27
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID Client Sample ID 82PU-21 Test Pit #9 12-27" 09/26/98 Grab	82PU-22 Test Pit #9 27-51" 09/26/98 Grab	82PU-23 Test Pit #9 54-72" 09/26/98 Grab	82PU-24 Test Pit #10 12-27" 09/26/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	79	32	58	66
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	73	54	220	110
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	ND	3.3	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	21	1150	200	920
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	25	37	410	140
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-25 Test Pit #10 27-51" 09/26/98 Grab	82PU-26 Test Pit #11 12-36" 09/26/98 Grab	82PU-27 Test Pit #11 36-60" 09/26/98 Grab	82PU-28 Test Pit #12 12-31" 09/26/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	35	90	77	95
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	25	530	74	82
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	2.0	ND	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	12	560	19	22
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	12	170	27	27
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-29 Test Pit #12 3-5' 09/26/98 Grab	82PU-30 Test Pit #13 0-12" 09/26/98 Grab	82PU-31 Test Pit #13 12-36" 09/26/98 Grab	82PU-32 Test Pit #14 1-3' 09/26/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	74	110	63	98
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	140	130	277	86
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	ND	ND	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	490	26	1000	77
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	140	42	550	31
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-33 Test Pit #14 3-5' 09/26/98 Grab	82PU-34 Test Pit #15 0-1' 09/26/98 Grab	82PU-35 Test Pit #15 1-3' 09/26/98 Grab	82PU-36 Test Pit #16 0-28" 09/26/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	75	59	110	14
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	180	21	86	28
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	2.5	ND	ND	20
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	480	2000	28	260
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	130	510	29	53
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

ADVANCED ENVIRONMENTAL SERVICES, INC.
LABORATORY REPORT

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-37 Test Pit #16 28-40" 09/26/98 Grab	82PU-38 Test Pit #16 40-60" 09/26/98 Grab	82PU-39 Test Pit #17 1-3' 09/28/98 Grab	82PU-40 Test Pit #17 3-5' 09/28/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	87	110	130	70
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	53	94	100	93
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	ND	ND	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	2300	21	25	1900
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	49	33	34	70
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID Client Sample ID 82PU-41 Test Pit #18 27-32" 09/28/98 Grab	82PU-42 Test Pit #18 32-41" 09/28/98 Grab	82PU-43 Test Pit #18 41-65" 09/28/98 Grab	82PU-44 Test Pit #19 24-30" 09/28/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	91	100	31	72
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	52	95	22	58
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	ND	ND	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	3900	22	1600	930
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	17	26	750	66
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-45 Test Pit #19 30-38" 09/28/98 Grab	82PU-46 Test Pit #19 38-62" 09/28/98 Grab	82PU-47 Test Pit #20 0-6" 09/28/98 Grab	82PU-48 Test Pit #20 6-72" 09/28/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	37	90	52	110
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	85	110	91	200
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	ND	ND	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	490	22	2000	22
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	770	35	37	29
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-49 Test Pit #20 72-96" 09/28/98 Grab	82PU-50 Test Pit #21 0-6" 09/28/98 Grab	82PU-51 Test Pit #21 6-52" 09/28/98 Grab	82PU-52 Test Pit #21 52-76" 09/28/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	47	98	47	70
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	35	66	76	100
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	ND	ND	ND	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	2200	22	1600	1700
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	15	24	31	59
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID / Client Sample ID: 82PU-53 Test Pit #22 12-36" 09/28/98 Grab	82PU-54 Test Pit #22 37-62" 09/28/98 Grab	82PU-55 Test Pit #23 12-35" 09/28/98 Grab	82PU-56 Test Pit # 23 36-60" 09/28/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	120	53	74	130
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	130	100	200	130
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	2.2	ND	3.7	ND
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	25	700	700	28
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	32	87	88	39
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

CLIENT: SKW Alloys

PROJECT ID: 82PU

AES CLIENT ID: DTT

Analytical Parameter(s)	Method	Method Detection Limit	Practical Quantifiable Limit	Units	AES Sample ID Client Sample ID 82PU-57 Test Pit #24 12-36" 09/28/98 Grab	82PU-58 Test Pit #24 36-60" 09/28/98 Grab	82PU-59 Test Pit #25 12-36" 09/28/98 Grab	82PU-60 Test Pit #25 36-60" 09/28/98 Grab
Total Arsenic	SW 846 6010	0.05	0.2	mg/kg *	98	100	120	85
Total Barium	SW 846 6010	0.1	0.2	mg/kg *	200	110	100	420
Total Cadmium	SW 846 6010	0.8	1.6	mg/kg *	1.8	ND	ND	2.8
Total Chromium	SW 846 6010	0.7	1.4	mg/kg *	3200	25	28	1200
Total Lead	SW 846 6010	4.0	8.0	mg/kg *	140	35	34	47
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Mercury	SW 846 7471	0.25	0.5	mg/kg *	ND	ND	ND	ND
Total Selenium	SW 846 6010	0.1	0.4	mg/kg *	ND	ND	ND	ND
Total Silver	SW 846 6010	0.5	1.0	mg/kg *	ND	ND	ND	ND

* Results based on sample as received.

Advanced Environmental Services, Inc
Sample Traceability Report

Project Identification DIT 82P4

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
82P4 1-20	9/25-26/98	—	—	3050	10/2/98	RP	6010	10/5/98	RP
82P4 21-40	"	—	—	3050	10/5/98	RP	6010	10/6/98	RP
82P4 41-60	"	—	—	3050	10/8/98	RP	6010	10/9/98	RP
82P4 1-10	9/25-26/98	—	—	7470	10/5/98	JK/DB	7470	10/5/98	JK
82P4 11-19 20-30	"	—	—	7470	10/5/98	DB/JK	7470	10/6/98	JK
82P4 31-60	"	—	—	7470	10/7/98	DB/JK	7470	10/8/98	JK

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.

CHAIN OF CUSTODY RECORD

ADVANCED ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

CUSTOMER NAME: SKW Metals & Alloy, Inc

PROJECT NAME: SKW Witmer Rd Recontouring

SAMPLER'S SIGNATURE: [signature]

PROJECT I.D.#: 2.3269.22

JOB CODE: _____

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO_3	H_2SO_4	HCL	NaOH	VIAL (PRES.)	VIAL (UNPRES.)	OTHER	TOTAL	PARAMETERS / REMARKS
9/28/98	1:00	Test Pit 19 24-30"	X		Soil/Solid	X								1	Total Metals For (8 RCRA Metals)
	1:05	19 30-38"													Then do TCLP Metals only on those samples who's total results are 20 time TCLP limit.
	1:10	19 38-62"													
	1:50	Test Pit 20 0-6"													
	1:45	20 6"-72"													
	2:00	20 72-96"													
	2:30	Test Pit 21 0-6"													
	2:35	21 6-52"													
	2:40	21 52-76"													
	3:20	Test Pit 22 12-36"													
	3:25	22 37-62"													
	3:45	Test Pit 23 12-35"													
	3:50	23 36-60"													
	4:05	Test Pit 24 12-36"													
	4:10	Test Pit 24 36-60"													
	4:25	Test Pit 25 12-36"													
	4:30	Test Pit 25 36-60"													Results for totals must be presented to LAN and approval obtained from LAN prior to any TCLP analysis.
													TOTAL NUMBER OF CONTAINERS		17	

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	9/30/98	5:45	W. Joseph McDougall
2. RELINQUISHED BY: [signature]	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

CHAIN OF CUSTODY RECORD

ADVANCED ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

CUSTOMER NAME: SKW Metals & Alloys, Inc

PROJECT NAME: SKW Wetmore Rd. Recontouring

SAMPLER'S SIGNATURE: [signature]

PROJECT I.D.#: 2.3269.22

JOB CODE: 82PU DTT

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO_3	H_2SO_4	HCL	NaOH	VIAL (PRES.)	VIAL (UNPRES.)	OTHER	TOTAL	PARAMETERS / REMARKS
9/26/98	1:35	Test Pit 13 0-12"	X		Soil/Soil	X								1	Total Metals For 8 RCRA Metals
	1:40	13 12-36"													
	2:00	Test Pit 14 1-3' ~~0-12"~~													Then do TCLP Metals only on those samples who's total results are 20 times TCLP limit.
	2:15	14 3-5' ~~12-36"~~													
	2:40	Test Pit 15 0-1'													
	2:45	15 1-3'													
	3:05	Test Pit 16 0-28"													
	3:10	16 28-40"													
	3:15	16 40-60"													
9/28/98	11:05	Test Pit 17 1-3'													Results for total metals must be presented to LAN and approval obtained from LAN prior to any TCLP analysis.
	11:10	17 3-5'													
	11:30	Test Pit 18 27-32"													
	11:35	18 32-41"													
	11:40	18 41-65"	↓		↓	↓								↓	
						TOTAL NUMBER OF CONTAINERS								14	

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	9/30/98	5:45	W. Joseph McDougall
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

CHAIN OF CUSTODY RECORD

ADVANCED ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

CUSTOMER NAME: SKW Metals & Alloys Inc

PROJECT NAME: SKW Watmer Rd Recontouring

SAMPLER'S SIGNATURE: [signature]

PROJECT I.D.#: 2.3269.22

JOB CODE: 82Pu / DTT

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO_3	H_2SO_4	HCL	NaOH	VIAL (PRES.)	VIAL (UNPRES.)	OTHER	TOTAL	PARAMETERS / REMARKS
9/25/98	3:00	Test Pit #1 1-3'	X		Soil/Solid	X								1	Total Metals for
	3:30	1 3-3.5'												1	(8 RCRA Metals)
	3:40	1 4-4.5'												1	
	4:05	Test Pit 2 1-3'												1	Then TCLP Metals
	4:15	2 3-5'												1	if total metals
	4:35	Test Pit 3 1-2.5'												1	analysis ≥ TCLP
	4:50	3 2.5-2.7'												1	limit X 20. TCLP Metals
	4:55	3 2.7-4.5'												1	only on those samples
	5:08	Test Pit 4 0-16"												1	that exceed 20
	5:10	4 16-48"												1	times the TCLP limit
	5:15	4 48-60"												1	for completed analysis.
9/26/98	7:35	Test Pit 5 1-3'												1	Results for totals must
	7:45	3-5'												1	be presented to LAN
	7:50	5-7'												1	and approval obtained
															from LAN prior to
						TOTAL NUMBER OF CONTAINERS								14	any TCLP analysis.

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	9/30/98	5:45	W. Joseph McDougall
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

2.3269.22

Skip is
~~It~~ Getting all
of this into
Computer ?

SKW ALLOYS

TCLP Test Pit Analysis

Prepared By:

ADVANCED
ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

October 29, 1998
REF: DTT382W1/1000
Lab ID No. 10233

QA/QC VERIFICATION FOR PROJECT ID 82W1

The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherance to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.

Ray Lacer

Metals Department

Quality Control

Jonathan Lekeaver

Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted.
Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested
D - Indicates a dilution was required

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #18 27-32"
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/28/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-1

PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Chromium	0.694	5.0	0.05	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #20 72-96"
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/28/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-2

PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Chromium	0.924	5.0	0.05	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #24 12-36"
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/28/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-3
PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Chromium	ND	5.0	0.05	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #13 12-36"
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/26/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-4
PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Lead	ND	5.0	0.05	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #18 41-65"
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/28/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-5

PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Lead	ND	5.0	0.05	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #19 30-38"
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/28/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-6
PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Lead	0.057	5.0	0.05	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #5 1-3'
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/26/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-7

PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	ND	5.0	0.16	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #17 1-3'
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/28/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-8

PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	ND	5.0	0.16	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Test Pit #20 6-72"
COLLECTION METHOD: Grab
COLLECTION DATE(S): 09/28/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82W1-9

PROJECT ID: 82W1

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	ND	5.0	0.16	SW 846 6010

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification DIT 82w01

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
82w1 1-9	9/28/98	—	—	3010	10/28/98	RP	6010	10/28/98	RP

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.

ADVANCED ENVIRONMENTAL SERVICES, INC
Extraction Traceability Report

AES Job Code DTT AES Project Reference 82W1

TECHNICIAN	ANALYTICAL METHOD	SAMPLE ID(S)	DATE OF EXTRACTION
RP	1311	82W1 1-9	10/27/98

CHAIN OF CUSTODY RECORD

ADVANCED ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

CUSTOMER NAME: SKW Metals & Alloys, Inc.

PROJECT NAME: SKW Witmer Rd Recontouring

SAMPLER'S SIGNATURE: [signature]

PROJECT I.D.#: 2.32[illegible]

JOB CODE: 82W1 BSS

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO_3	H_2SO_4	HCL	NaOH	VIAL (PRES.)	VIAL (UNPRES.)	OTHER	TOTAL	PARAMETERS / REMARKS
9/26/98	8:15	Test Pit 6 1-3'	X		Soil/Solid	X								1	Total Metals For (8 RCRA Metals)
	8:20	6 3-5'													
	8:45	Test Pit #7 1-2'													
	8:40	7 32-60"													Then do TCLP metals only on those samples which's total results are 20 time TCLP limit.
	9:00	Test Pit 8 1-2'													
	9:05	8 24-41"													
	10:20	Test Pit 9 12-27"													
	10:25	9 27-51"													
	10:30	9 54-72"													Results for totals must be presented to LAN and approval obtained from LAN prior to any TCLP analysis.
	10:55	Test Pit 10 12-27"													
	11:05	10 27-51"													
	11:44	Test Pit 11 12"-36"													
	11:50	11 36-60"													
	1:00	Test Pit 12 12-31"													
	1:05	12 3-5'													

TOTAL NUMBER OF CONTAINERS: 15

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	9/30/98	5:45	W. Joseph McDougall
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

CHAIN OF CUSTODY RECORD

ADVANCED ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

CUSTOMER NAME: SKW Metals & Alloys, Inc

PROJECT NAME: SKW Witmer Rd. Recontouring

SAMPLER'S SIGNATURE: [signature]

PROJECT I.D.#: 2.326922

JOB CODE: 828 JWT

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	UNPRESERVED	HNO_3	H_2SO_4	HCL	NaOH	VIAL (PRES.)	VIAL (UNPRES.)	OTHER	TOTAL	PARAMETERS / REMARKS
9/26/98	1:35	Test Pit 13 0-12"	X		Soil / Soil	X								1	Total Metals For
	1:40	13 12-36"	↓		↓	↓								↓	8 RCRA Metals
	2:00	Test Pit 14 1-3' ~~0-12"~~													
	2:15	14 3-5' ~~12-36"~~													Then do TCLP Metals
	2:40	Test Pit 15 0-1'													only on those samples
	2:45	15 1-3'													who's total results
	3:05	Test Pit 16 0-28"													are 20 times TCLP
	3:10	16 28-40"													limit.
	3:15	16 40-60"													
9/28/98	11:05	Test Pit 17 1-3'													Results for total metals
	11:10	17 3-5'													must be presented to
	11:30	Test Pit 18 27-32"													LAN and approval
	11:35	18 32-41"													obtained from LAN
	11:40	18 41-65"	↓		↓	↓								↓	prior to any TCLP
															analysis.

TOTAL NUMBER OF CONTAINERS: 14

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	9/30/98	5:45	W. Joseph McDougall
2. RELINQUISHED BY:			
3. RELINQUISHED BY:			

CHAIN OF CUSTODY RECORD

ADVANCED ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

Page 1 of 1

CUSTOMER NAME: SKW Metals & Alloys Inc

PROJECT NAME: SKW Witmer Rd Recontouring

SAMPLER'S SIGNATURE: [signature]

PROJECT I.D.#: 2.3269.22

JOB CODE: ~~82PH~~ 82W1 BJS
DTT

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	TOTAL	PARAMETERS / REMARKS
9/25/98	3:00	Test P.t #1 1-3'	X		Soil/Solid	X	1	Total Metals For
	3:30	1 3-3.5'					1	(8 RCRA Metals)
	3:40	1 4-4.5'					1	
	4:05	Test P.t 2 1-3'					1	Then TCLP Metals
	4:15	2 3-5'					1	if total metals
	4:35	Test P.t 3 1-2.5'					1	analysis ≥ TCLP
	4:50	3 2.5-2.7'					1	limit x 20. TCLP Metals
	4:55	3 2.7-4.5'					1	only on those samples
	5:08	Test P.t 4 0-16"					1	that exceed 20
	5:10	4 16-48"					1	times the TCLP limit.
	5:15	4 48-60"					1	for completed analysis.
9/26/98	7:35	Test P.t 5 1-3'					1	Results for totals must
	7:45	3-5'					1	be presented to LAN
	7:50	5-7'					1	and approval obtained
								from LAN prior to
						TOTAL NUMBER OF CONTAINERS	14	any TCLP analysis.

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	9/30/98	5:45	W. Joseph McDougall
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

M

Appendix M

Phase II
Documentation of Hazardous Waste Disposal

2.37 9.22
Hand delivered
by Scott Pfohl
10/14/98

SLC Constructors, Inc.

FIELD CHANGE ORDER AUTHORIZATION

Job No. 98027 Job Name SKW Date Work Performed

SLC CONSTRUCTORS INC (SLC) 295 MILL ST. LOCKPORT NY 14094
Work Done By Address

LAW ASSOCIATES - MR SKIP HUTTON
Work Authorized By Address

Description of Work Performed:

MOBILIZE, SPOT, RENTAL, HAUL + DISPOSAL OF HAZARDOUS WASTE

Number	Craft	ST Hrs	OT Hrs	Rate	Total
N/A					

Other Charges, Equipment:	ST Hrs	OT Hrs	Rate	ARRIVALS:	DEPARTURES		DAYS ON SITE
SPOT ROLLOFF - $350.00/EACH				(3) - 8/6/98	(2) 10-7-98	=	62
RENTAL - $15.00/DAY/EACH - DATED ON-SITE.				(1) - 8/7/98	(3) 10-6-98	=	61
HAUL ROLLOFF - $350.00/EACH				(1) - 8/13/98			

61 days for 3 Rolloffs = $2745
62 " " 2 " = $1860

Material & Supplies

PER TON DISPOSAL - 87.00/TON How Many Tons?? Documentation Needed

ALL COSTS WERE APPROVED BY LAW ASSC. ON AUGUST 5, 1998. VIA TELEPHONE.
PLUS ALL APPLICABLE TAXES

SLC CONSTRUCTORS INC. (SLC)
Extra Work Done By

SCOTT PFOHL SLC CONSTRUCTORS INC.
Supervisor Company Name

Supervisor Company Name

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

29256

30 Cubic Yards

814494529 Receipt #

PX9627 New York Trailer License Plate # and State

Service Req. # CJ2904 Profile #

Permit # 3800/3

PRICE Transporter Name

Trailer/Trailer/Roll-off #

Jerry Gregg Driver's Name

SKW Generator

Scheduled Arrival: Date Time

Actual Arrival: Date 933 Time In 11C Time Out

79680, 1 B 6 2

10:19

6/98

TARE → 39000

WEIGHT → 40680

TONS 20.34

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☐ Built to Landfill ☐ No wet line ☐ Flatbed ☒ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In | Time Out | Initials | Comments

Stabilization

Time In | Time Out | Initials | Gross Wt. | Comments

Landfill

Time In | Time Out | Initials | Comments

Other

Time In | Time Out | Initials | Comments

Truck Wash

Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify)

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper tarping or dataplate

_____ Overweight upon arrival

Driver's Comments

Security Guard Initials: _____
(indicating receipt of Wash Bay pass, if necessary)

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

29293

20
Cubic Yards

59780 LB G 2
13:31
10/06/98

81494566 — Receipt #
9X9622 N.Y — Trailer License Plate # and State
Service Req. #
CJ2944 — Profile #
Permit #
TRICE — Transporter Name
3806-2015 — Tractor/Trailer/Roll-off #
Jerry Gress — Driver's Name
SK — Generator

1405 39000
20780P

Scheduled Arrival: ______ Date ______ Time

Actual Arrival: ______ Date 1318 Time In

10.39 tons

Arrived during Blackout? Y / N Notified DI

Initials ______ Comments ______

☐ Leaker ☐ Permit Violation ☐ Placarding/

☐ Other (specify) ______

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☒ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory ______ Time In ______ Time Out ______ Initials ______ Comments

Stabilization ______ Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments

Landfill ______ Time In ______ Time Out ______ Initials ______ Comments

Other ______ Time In ______ Time Out ______ Initials ______ Comments

Truck Wash ______ Time In ______ Time Out ______ Signature (NO Initials) ______ Comments

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas
______ Leaving truck unattended
______ Failure to obey instructions of facility personnel
______ Failure to display overweight flag
______ Failure to wear appropriate PPE
______ Improper tarping or detarpis
______ Unsafe driving practices
______ Overweight upon arrival
______ Other (specify) ______

Security Guard Initials: ______
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

29311

30
Cubic Yards

64520 LB 6 1
16:20
10/06/98
1659 39000
25520

81494579
Receipt #

9X9627 New York
Trailer License Plate # and State

Service Req. # CI
Profile #

PRICE
Transporter Name

Jerry Copess
Driver's Name

12.76
TONS

Scheduled Arrival: ______
Date

Actual Arrival: ______
Date | Time In | Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: ______ ______
Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify) ______

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory ______ Time In ______ Time Out ______ Initials ______ Comments

Stabilization ______ Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments

Landfill ______ Time In ______ Time Out ______ Initials ______ Comments

Other ______ Time In ______ Time Out ______ Initials ______ Comments

Truck Wash ______ Time In ______ Time Out ______ Signature (NO Initials) ______ Comments

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas
______ Leaving truck unattended
______ Failure to obey instructions of facility personnel
______ Failure to display overweight flag
______ Failure to wear appropriate PPE
______ Improper tarping or doorpin
______ Unsafe driving practices
______ Overweight upon arrival
______ Other (specify) ______

Security Guard Initials: ______
(Indicating receipt of Wash Bay pass, if necessary)

______ Driver's Comments

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

29417

30
Cubic Yards

81494697 — Receipt #
PD1949 N.Y. — Trailer License Plate # and State

81280 LB 6 1
13:04
10/07/98

Service Req. #
CL 2944 — Profile #
Permit #

HAZMAT — Transporter Name
RTL-2 R3231RT — Tractor/Trailer/Roll-off #

GENE WAENTYNOWICZ — Driver's Name
SKW — Generator

1405 38000
43280 T

Scheduled Arrival: ______ Date ______ Time

Actual Arrival: 10-7-98 Date 1135 Time In 208 Time Out

Arrived during Blackout? Y / N

Notified DEC? Y / N

Receiving: ____ Initials ____ Comments

- [x] Leaker
- [ ] Permit Violation
- [ ] Placarding/Veh. I.D. Violation
- [ ] Other (specify) ______

- [ ] Bulk to Landfill
- [ ] No wet line
- [ ] Flatbed
- [x] Stabilization
- [ ] Drums
- [ ] Tanker
- [ ] Transformers

Laboratory ______ Time In ______ Comments

Stabilization ______ Time In ______ Gross Wt. ______ Comments

21.641 TONS.

Landfill ______ Time In ______ Time Out ______ Comments

Other ______ Time In ______ Time Out ______ Initials ______ Comments

Truck Wash ______ Time In ______ Time Out ______ Signature (NO Initials) ______ Comments

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas
______ Failure to obey instructions of facility personnel
______ Failure to wear appropriate PPE
______ Unsafe driving practices
______ Other (specify) ______

______ Leaving truck unattended
______ Failure to display overweight flag
______ Improper tarping or detarpin
______ Overweight upon arrival

Security Guard Initials: ______
(Indicating receipt of Wash Bay pass, if necessary)

______ Driver's Comments

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

29406

20
Cubic Yards

81494677 — Receipt #
7X9627 - N.Y — Trailer License Plate # and State

82700 L8 6 2
10:56
10/07/98

Service Req. # — CJ2944 Profile # — Permit #

TRICE — Transporter Name
3880 - R2996RT — Tractor/Trailer/Roll-off #

12 15 39000
43700

J. Gregg — Driver's Name
SKW — Generator

Scheduled Arrival: ______ Date ______ Time

Actual Arrival: ______ Date 10:30 Time In 12:20P Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: ______ Initials ______ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation
☐ Other (specify) ______

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☒ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory ______ Time In ______ Time Out ______ Initials ______ Comments

Stabilization ______ Time In ______ Time Out ______ Initials

Landfill ______ Time In ______ Time Out ______ Initials

21.85 TONS

Other ______ Time In ______ Time Out ______ Initials

Truck Wash ______ Time In ______ Time Out ______ Signature (NO Initials) ______ Comments

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas
______ Leaving truck unattended
______ Failure to obey instructions of facility personnel
______ Failure to display overweight flag
______ Failure to wear appropriate PPE
______ Improper tarping or detarping
______ Unsafe driving practices
______ Overweight upon arrival
______ Other (specify) ______

Security Guard Initials: ______
(Indicating receipt of Wash Bay pass, if necessary)

______ Driver's Comments

NYG 1041642

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

OCT 16 1998

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/28/98)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYR000060780
Manifest Doc. No.:
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address: SKW Metals & Alloys, 411 Witmer Road; Niagara, NY 14302
4. Generator's Telephone Number (716) 446-8955

A. NYG 1041642
B. Generator's ID
C. State Transporter's ID: TVG 627 NY
D. Transporter's Telephone (800 825-6001
E. State Transporter's ID
F. Transporter's Telephone ( )
G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

5. Transporter 1 (Company Name): Price Trucking
6. US EPA ID Number: NYD046765574
7. Transporter 2 (Company Name):
8. US EPA ID Number:
9. Designated Facility Name and Site Address: ~~Chemical Waste Management~~ Chemical Services LLC, 1550 Balmer Road, Model City, NY 14107
10. US EPA ID Number: NYD049836679

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Hazardous waste, solid, n.o.s. 9 NA3077 PG III (Lead)		CM	00017	Tons	EPA D008 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above: a. CJ2944 b. c. d.

K. Handling Codes for Wastes Listed Above: a. b. c. d.

15. Special Handling Instructions and Additional Information
Container #3007
Emergency Contact: Capitol Environmental Services (800) 560-2374 ERG #171
8149457

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Harry H. Hutton — Signature: [signature] — Mo. Day Year: 10 06 98, 3:32 pm

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Gregg — Signature: [signature] — Mo. Day Year: 10 06 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Mo. Day Year:

19. Discrepancy Indication Space
Actual Weight 25.20 lbs Item 12-001 Manifest Doc No. omitted

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [handwritten name] — Signature: [signature] — Mo. Day Year: 10 06 98

GENERATOR / TRANSPORTER / FACILITY

COPY 5—Generator—Mailed by TSD Facility

Waste Management, Inc.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
Phone 716/754-8231

Federal EPA ID: NYD049836679

SKW METALS & ALLOYS
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NYR000060780
300 CORPORATE PARKWAY, SUITE 216 NORTH
AMHERST NY 14226

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from SKW METALS & ALLOYS on 10/06/98 as described on Hazardous Waste Manifest number NYG1041642 Sequence number 01.

Profile Number: CL2944
CWM Tracking ID: 8149457901
CWM Unit #: 1*0
Disposal Date: 10/09/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele a.P. Foulke

MICHELE FOULKE
RECORDS DEPT. SUPERVISOR
Certificate # 129894
10/13/98

For questions please call our Customer Service Dept. at (800) 843-3604

01/11/99 14:53 ☎5023952108 SKW ADMIN →→→ LAN ASSOC 011/015

NYG 1041651

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

OCT 16 1998

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/28/93)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

GENERATOR

1. Generator's US EPA ID No.: NYR000060780
Manifest Doc. No.:
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302

4. Generator's Telephone Number (716) 446-8955

A. NYG 1041651
B. Generator's ID SAME 2-10/6

5. Transporter 1 (Company Name): Price Trucking
6. US EPA ID Number: NYD046765574
C. State Transporter's ID PX 9627 (NY)
D. Transporter's Telephone (800 825-6001

7. Transporter 2 (Company Name):
8. US EPA ID Number:
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM Chemical Services, LLC ~~Chemical Waste Management~~
1550 Balmer Road
Model City, NY 14107

10. US EPA ID Number: 2-10/6 NYD049836679
G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Hazardous waste, solid, n.o.s. 9 NA3077 PG III (Lead)		CM	00217	T	EPA D008 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. CJ2944
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. ☐ b. ☐ c. ☐ d. ☐

15. Special Handling Instructions and Additional Information
Contain # 2015 8144456
Emergency Contact: Capitol Environmental Services (800) 560-2374 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Harry H. Hutton
Signature: [signature]
Mo. Day Year: 10 06 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
12-98
Printed/Typed Name: Jerry Gregg
Signature: [signature]
Mo. Day Year: 10 06 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Mo. Day Year:

FACILITY

19. Discrepancy Indication Space
Item K- ☑ Item 12-001
actual recd 20780# gen. omitted doc no.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: EILEEN CARTON
Signature: Eileen Carton
Mo. Day Year: 10 06 98

COPY 5—Generator—Mailed by TSD Facility

Waste Management, Inc.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
Phone 716/754-8231

Federal EPA ID: NYD049836679

SKW METALS & ALLOYS
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NYR000060780
300 CORPORATE PARKWAY, SUITE 216 NORTH
AMHERST NY 14226

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from SKW METALS & ALLOYS on 10/06/98 as described on Hazardous Waste Manifest number NYG1041651 Sequence number 01.

Profile Number: CL2944
CWM Tracking ID: 8149456601
CWM Unit #: 1*0
Disposal Date: 10/12/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele a. P. Foulke

MICHELE FOULKE
RECORDS DEPT. SUPERVISOR
Certificate # 130068
10/14/98

For questions please call our Customer Service Dept. at (800) 843-3604

01/11/99 14:53 ☎5023952108 SKW ADMIN →→→ LAN ASSOC 010/015

NYG 1041624

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

OCT 16 1998

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/28/98)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NYR000006078 8		1	

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302

4. Generator's Telephone Number (716) 446-8955

A. NYG 1041624

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Price Trucking
6. US EPA ID Number: NYD046765574

C. State Transporter's ID: PX 9627 (NY)
D. Transporter's Telephone (800) 825-6001

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM Chemical ~~Waste Management~~ SERVICES, LLC
1550 Balmer Road
Model City, NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Hazardous waste, solid, n.o.s. 9 NA3077 PG III (Lead)		CM		T	EPA D008 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. C12944
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information: Shipped container # 3009 Estimated 18 cy 463569-1
Emergency Contact: Capitol Environmental Services (800) 560-2374 ERG #171
81494529

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Harry H. Hutton | Signature: [signature] | Mo. Day Year: 10 06 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — 8:50am
Printed/Typed Name: Jerry L Gregg | Signature: [signature] | Mo. Day Year: 10 06 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Mo. Day Year:

FACILITY

19. Discrepancy Indication Space: gen omitted doc no. Item 14-T
actual record 406804 Item 12-001 Item K-1T

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Eileen Carter | Signature: [signature] | Mo. Day Year: 10 06 98

COPY 5—Generator—Mailed by TSD Facility

Waste Management, Inc.

CWM Chemical Services, L.L.C. Phone 716/754-8231
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107

Federal EPA ID: NYD049836679

SKW METALS & ALLOYS
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NYR000060780
300 CORPORATE PARKWAY, SUITE 216 NORTH
AMHERST NY 14226

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from SKW METALS & ALLOYS on 10/06/98 as described on Hazardous Waste Manifest number NYG1041624 Sequence number 01.

Profile Number: CL2944
CWM Tracking ID: B149452901
CWM Unit #: 1*0
Disposal Date: 10/12/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele a.P. Foulke

MICHELE FOULKE
RECORDS DEPT. SUPERVISOR
Certificate # 130067
10/14/98

For questions please call our Customer Service Dept. at (800) 843-3604

Gary James,
We received these (3) in today's mail ?!
Audrey 10/15
502-395-2165

NYG 1041606

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

OCT 22 1998

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/25/96)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	N Y R 0 0 0 0 0 6 0 7 8 0
Manifest Doc. No.	
2. Page 1 of	1
Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address	SKW Metals & Alloys, 411 Witmer Road; Niagara, NY 14302
4. Generator's Telephone Number	(716) 446-8955
5. Transporter 1 (Company Name)	Price Trucking
6. US EPA ID Number	N Y D 0 4 6 7 6 5 5 7 4
7. Transporter 2 (Company Name)	
8. US EPA ID Number	
9. Designated Facility Name and Site Address	~~Chemical Waste Management~~ CWM Services, LLC; 1550 Balmer Road; Model City, NY 14107
10. US EPA ID Number	N Y D 0 4 9 8 3 6 6 7 9
A.	NYG 1041606
B. Generator's ID	Same w107
C. State Transporter's ID	(NY)
D. Transporter's Telephone	(800) 825-6001
E. State Transporter's ID	
F. Transporter's Telephone	( )
G. State Facility ID	
H. Facility Telephone	716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Hazardous waste, solid, n.o.s. 9 NA3077 PG III (Lead)		CM	Est 00019	T	EPA D008; STATE
b.					EPA; STATE
c.					EPA; STATE
d.					EPA; STATE

J. Additional Descriptions for Materials listed Above
a. CJ2944
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Container # R2996RT
Emergency Contact: Capitol Environmental Services (800) 560-2374 ERG #171
D1494677

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Harry H Hutton | Signature: [signature] | Mo. Day Year: 10 07 98

17. Transporter 1 Acknowledgement of Receipt of Materials 9:48
Printed/Typed Name: Jerry Gregg | Signature: [signature] | Mo. Day Year: 10 07 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Mo. Day Year:

19. Discrepancy Indication Space
actual recd 43700 P Item 14-T

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Eileen Carton | Signature: Eileen Carter | Mo. Day Year: 10 07 98

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

Waste Management, Inc.

CWM Chemical Services, L.L.C. Phone (716) 754-8231
1550 Balmer Rd
PO Box 200
Model City, N.Y. 14107

Federal EPA ID: NYD049836679

SKW METALS & ALLOYS
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NYR000060780
300 CORPORATE PARKWAY, SUITE 216 NORTH
AMHERST NY 14226

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from SKW METALS & ALLOYS on 10/07/98 as described on Hazardous Waste Manifest number NYG1041606 Sequence number 01.

Profile Number: CL2944
CWM Tracking ID: 8149467701
CWM Unit #: 1*0
Disposal Date: 10/14/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele A.P. Youlee

MICHELE YOULEE
RECORDS DEPT. SUPERVISOR
Certificate # 134731
12/09/98

For questions please call our Customer Service Dept. at (800) 843-3604

NYG 1041597

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

OCT 22 1998

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/31/95)

Please type or print. Do not staple

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYR000060780
Manifest Doc. No.:
2. Page 1 of: 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302
4. Generator's Telephone Number (716) 446-8955

A. NYG 1041597
B. Generator's ID SAME 2107
C. State Transporter's ID
D. Transporter's Telephone 800 825-6001
E. State Transporter's ID
F. Transporter's Telephone ( )
G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

5. Transporter 1 (Company Name): Price Trucking
6. US EPA ID Number: NYD047835714
7. Transporter 2 (Company Name)
8. US EPA ID Number

9. Designated Facility Name and Site Address: CWM Chemical Waste Management, 1550 Balmer Road, Model City, NY 14107
10. US EPA ID Number: NYD049836579

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Hazardous waste, solid, n.o.s. 9 NA3077 PG III (Lead)	1	CM	22	T	EPA D008
b.					STATE
					EPA
					STATE
c					EPA
					STATE
d.					EPA
					STATE

J. Additional Descriptions for Materials listed Above
a. CJ2944
c.
b.
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Container # R3231RT 8149469?
Emergency Contact: Capitol Environmental Services (800) 560-2374 ERG #171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR
Printed/Typed Name: Terry H. Hutton
Signature:
Mo. Day Year: 10 07 98

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: GENE WALENTOWICZ
Signature:
Mo. Day Year: 10 07 98 1606 pm

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Mo. Day Year:

FACILITY
19. Discrepancy Indication Space
actual pound 43280 P

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: ELEANOR CARTER
Signature:
Mo. Day Year: 10 07 98

COPY 5—Generator—Mailed by TSD Facility

Waste Management, Inc.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
Phone 716/754-8231

'ederal EPA ID: NYD049836679

SKW METALS & ALLOYS
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NYR000060780
300 CORPORATE PARKWAY, SUITE 216 NORTH
AMHERST NY 14226

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from SKW METALS & ALLOYS on 10/07/98 as described on Hazardous Waste Manifest number NYG1041597 Sequence number 01.

Profile Number: CL2944
CWM Tracking ID: 8149469701
CWM Unit #: 1*0
Disposal Date: 10/14/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele A.P. Foulke

MICHELE FOULKE
RECORDS DEPT. SUPERVISOR
Certificate # 134732
12/09/98

For questions please call our Customer Service Dept. at (800) 843-3604

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Bag #1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/29/98
SAMPLE TYPE: Solid

AES CLIENT ID: DTT
AES SAMPLE ID: 82AH-1

PROJECT ID: 82AH

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.25	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	0.05	1.0	0.02	SW 846 6010
Chromium	0.12	5.0	0.05	SW 846 6010
Lead	7.91	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	0.17	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Bag #2
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/29/98
SAMPLE TYPE: Solid

AES CLIENT ID: DTT
AES SAMPLE ID: 82AH-2

PROJECT ID: 82AH

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.31	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	0.06	1.0	0.02	SW 846 6010
Chromium	0.12	5.0	0.05	SW 846 6010
Lead	8.6	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	0.23	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES LABORATORY REPORT

CLIENT: SKW Alloys
SAMPLE ID: Bag #3
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/29/98
SAMPLE TYPE: Solid

AES CLIENT ID: DTT
AES SAMPLE ID: 82AH-3

PROJECT ID: 82AH

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	0.16	5.0	0.16	SW 846 6010
Barium	ND	100	1.0	SW 846 6010
Cadmium	0.04	1.0	0.02	SW 846 6010
Chromium	0.19	5.0	0.05	SW 846 6010
Lead	13.5	5.0	0.05	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

SKW ALLOYS

METALS ANALYSIS

STAKE #473, DRUMS 1 AND 2

Prepared By:

ADVANCED ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

August 26, 1998
REF: DTT1829K/100O
Lab ID No. 10233

QA/QC VERIFICATION FOR PROJECT ID 829K

The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherance to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.

Metals Department

Quality Control

Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted.
Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested
D - Indicates a dilution was required

CLIENT: SKW Alloys
SAMPLE ID: Stake #473 Drum #1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/24/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 829K-1

PROJECT ID: 829K

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Total Silver	ND	mg/kg	1.0	SW 846 6010
Total Aluminum	263	mg/kg	10.0	SW 846 6010
Total Boron	ND	mg/kg	5.0	SW 846 6010
Total Barium	24.2	mg/kg	0.2	SW 846 6010
Total Beryllium	ND	mg/kg	0.2	SW 846 6010
Total Calcium	1040	mg/kg	8.0	SW 846 6010
Total Cadmium	ND D	mg/kg	16	SW 846 6010
Total Cobalt	41.9	mg/kg	1.8	SW 846 6010
Total Chromium	3360 D	mg/kg	1.4	SW 846 6010
Total Copper	8330 D	mg/kg	1.0	SW 846 6010
Total Iron	428000 D	mg/kg	6.0	SW 846 6010
Total Potassium	163	mg/kg	180	SW 846 6010
Total Magnesium	191	mg/kg	14	SW 846 6010
Total Manganese	9090 D	mg/kg	1.0	SW 846 6010
Total Sodium	22.7	mg/kg	8.0	SW 846 6010
Total Nickel	354 D	mg/kg	5.0	SW 846 6010
Total Lead	55.0	mg/kg	8.0	SW 846 6010
Total Antimony	ND	mg/kg	24	SW 846 6010
Total Thallium	5820 D	mg/kg	5.0	SW 846 6010
Total Vanadium	6.64	mg/kg	1.0	SW 846 6010
Total Zinc	109 D	mg/kg	1.6	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Stake #473 Drum #2
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/24/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 829K-2

PROJECT ID: 829K

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Total Silver	22.0 D	mg/kg	1.0	SW 846 6010
Total Aluminum	11100 D	mg/kg	10.0	SW 846 6010
Total Boron	ND	mg/kg	5.0	SW 846 6010
Total Barium	569 D	mg/kg	0.2	SW 846 6010
Total Beryllium	1.29	mg/kg	0.2	SW 846 6010
Total Calcium	10000 D	mg/kg	8.0	SW 846 6010
Total Cadmium	27.5 D	mg/kg	1.6	SW 846 6010
Total Cobalt	14.3 D	mg/kg	1.8	SW 846 6010
Total Chromium	105 D	mg/kg	1.4	SW 846 6010
Total Copper	1830 D	mg/kg	1.0	SW 846 6010
Total Iron	62100 D	mg/kg	6.0	SW 846 6010
Total Potassium	3890	mg/kg	180	SW 846 6010
Total Magnesium	1100 D	mg/kg	14	SW 846 6010
Total Manganese	105000 D	mg/kg	1.0	SW 846 6010
Total Sodium	560 D	mg/kg	8.0	SW 846 6010
Total Nickel	536 D	mg/kg	5.0	SW 846 6010
Total Lead	82.9 D	mg/kg	8.0	SW 846 6010
Total Antimony	ND	mg/kg	24	SW 846 6010
Total Thallium	934 D	mg/kg	5.0	SW 846 6010
Total Vanadium	76.4 D	mg/kg	1.0	SW 846 6010
Total Zinc	4380 D	mg/kg	1.6	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Stake #473 Drum 1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/24/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82BQ-1

PROJECT ID: 82BQ

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	ND	5.0	0.16	SW 846 6010
Barium	1.2	100	1.0	SW 846 6010
Cadmium	ND	1.0	0.02	SW 846 6010
Chromium	ND	5.0	0.05	SW 846 6010
Lead	0.09	5.0	0.08	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

CLIENT: SKW Alloys
SAMPLE ID: Stake #473 Drum 2
COLLECTION METHOD: Grab
COLLECTION DATE(S): 07/24/98
SAMPLE TYPE: Soil

AES CLIENT ID: DTT
AES SAMPLE ID: 82BQ-2

PROJECT ID: 82BQ

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

Analytical Parameters	Analytical Results (mg/l)	Maximum Allowable Concentration	Practical Quantifiable Limit	Method
Arsenic	ND	5.0	0.16	SW 846 6010
Barium	1.2	100	1.0	SW 846 6010
Cadmium	0.06	1.0	0.02	SW 846 6010
Chromium	ND	5.0	0.05	SW 846 6010
Lead	0.09	5.0	0.08	SW 846 6010
Mercury	ND	0.2	0.001	SW 846 7470
Selenium	ND	1.0	0.12	SW 846 6010
Silver	ND	5.0	0.025	SW 846 6010

ADVANCED ENVIRONMENTAL SERVICES, INC
Extraction Traceability Report

AES Job Code DTT AES Project Reference 82BQ

TECHNICIAN	ANALYTICAL METHOD	SAMPLE ID(S)	DATE OF EXTRACTION
AP/MP	1311	82BQ 1,2	8/1-2/98

Advanced Environmental Services, Inc
Sample Traceability Report

Project Identification DTT 82BQ

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
82BQ-1,2	7/24/98	—	—	3010	8/3/98	RP	6010	8/3/98	RP
1	↓	—	—	7470	8/3/98	RP	7470	8/3/98	JY

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology

CHAIN OF CUSTODY RECORD

ADVANCED ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

CUSTOMER NAME: SKW ALLOYS

PROJECT NAME: [illegible]

SAMPLER'S SIGNATURE: [signature]

PROJECT I.D.#: 23269

JOB CODE: DTT

829K

8ZBQ

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO,	H,SO,	HCL	NaOH	VIAL (PRES.)	VIAL (UNPRES.)	OTHER	TOTAL	PARAMETERS / REMARKS
7/24/98	11:05	[illegible]	X		[illegible]									1	T[illegible] Diesel
"	11:15	[illegible]	X		[illegible]									1	[illegible] Metal

TOTAL NUMBER OF CONTAINERS: 2

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	7/24/98	3:45 PM	W. Joseph McDonald
2. RELINQUISHED BY: W. Joseph McDonald	7/24/98	4:30 PM	[signature]
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

Appendix N

Phase II
Green Environmental Report

Green Environment Specialists, Inc.

September 28, 1998

Harry "Skip" Hutton, P.G.
LAN Associates, Inc.
Environmental and Facilities Engineering
66 Cuna St.
St. Augustine, FL 32084-3619

RE: Stollberg, Inc. (SKW) Project # P98-2262
Tank Removal & Disposal

Dear Mr. Hutton:

Please review the attached chronology, observations, conclusions analytical results and disposal documentation for the above referenced project.

If you have any questions or require additional information please do not hesitate to contact me.

Sincerely,

James A. Wehner
Sales Manager

1-800-275-8256 • (716) 298-5297 • FAX (716) 298-5754
Mailing Address: P.O. Box 2066 N. M. S., Niagara Falls, N.Y. 14301

Green Environment Specialists, Inc.

Presents:

UST DECOMMISSIONING PROJECT

(PROJECT # P98-2262)

STOLLBERG, INC.

FINAL REPORT

Prepared For:

Harry Hutton, P.G.
LAN Associates, Inc.

GES

Chronology

A.M. Sept. 14, 1998

GES was contacted by LAN Associates regarding an underground fuel storage tank uncovered during excavation of a drainage trench as part of an ongoing project. Matt Schimpf and Jim Wehner responded to the site. The tank contained water with #2 heating oil residue. The steel tank was estimated at 1500-2000 gallon capacity. A sample was taken and screened at GES' laboratory. The sample was then shipped to ExpressLabs for analysis, (see Attachment "A".)

2:00 P.M. 9/14/98

A Vac truck was utilized to remove the tank contents (1500 gallons), transported to Industrial Recycling Specialists, Inc., (IRSI), located in Niagara Falls, NY. The material was stored in a holding tank pending receipt of analysis and disposal by IRSI.

September 15, 1998

GES mobilized to the site to remove tank and address possible soil contamination. Excavation was provided by SLC contractors, Inc. Non-contaminated surface soil was excavated and staged for reuse, contaminated soil was excavated, staged on 6 mil poly liner and covered. A sample of the contaminated soil was taken, shipped to ExpressLabs for analysis as required by disposal facility, (see attachment "B".) The tank was removed from the excavation and placed on poly. An inspection of the tank and piping confirmed the following:

- It was in fact a heating oil tank.
- The capacity of the tank was 1500 gallons.
- The tank was of single wall, steel construction, wrapped in burlap and coated with what appeared to be coal tar.
- The tank was intact with no visible holes with the exception of one on the top end weld seam caused by excavation.

It is assumed that leakage occurred due to pipe and fitting breakage as well as spillage from filling.

The tank was bedded in clay, visible stains and odor were observed. Excavation and staging of contaminated soil continued until visibly stained

soil/clay were removed. Soil samples were obtained from the sidewalls and bottom of the excavation and shipped to ExpressLabs for analysis per NYSDEC *"STARS Memo #1"* guidelines, (i.e. Methods 8021 & 8270 BN) please see attachment "C". The NYSDEC was advised of the contamination and a spill number was issued (Spill # 9875064.) Mr. Kevin Glaser of the NYSDEC inspected the excavation and verbally acknowledged and agreed to immediate backfilling. Fifty-three tons of #2 crusher run and the stockpiled clean fill material were placed in the excavation and compacted mechanically. The tank was transported by GES to their facility for cutting, cleaning and ultimate disposal as scrap. (See disposal documentation.)

September 25, 1998

Following receipt of the contaminated soil analysis, a disposal approval was obtained from Modern Landfill, Inc. the soil was loaded by SLC into 2 modern trucks for transport and disposal. (Scale tickets attached.)

No further action is required.

CC: Stollberg, Inc.
NYSDEC

A.

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8260

Cust GREEN ENVIRON. SPEC.
Address 8335 QUARRY
NIAGARA FALLS, NY 14304
Attn: MATT SCHIMPF

Phone 298-5297
FAX 298-5754

PO Number: MJS-1213
Project Number:
Project Cust: STOLLBERG LAN ASSOC.
Project Site: OLD SHW
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organic Analytes
Extraction Method: EPA 5030 Purge & Trap
Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)	20689	
Sample ID#1(CUST)	GROUND H2O FROM UST	
Sample ID#2(CUST)		
Matrix	WATER	
Sampled By	M.J. SCHIMPF	
Date Sampled	09/14/98	11:00
Date Received	09/16/98	09:20
Date Analyzed	09/16/98	
Date Reported	09/17/98	

	Results	Det Limit*		Results	Det Limit*
Dichlorodifluoromethane	< DL(U)	200.0	Carbon Tetrachloride	< DL(U)	200.0
Vinyl Chloride	< DL(U)	200.0	1,2-Dichloroethane	< DL(U)	200.0
Chloromethane	< DL(U)	200.0	Trichloroethene	< DL(U)	200.0
Bromomethane	< DL(U)	200.0	1,2-Dichloropropane	< DL(U)	200.0
Chloroethane	< DL(U)	500.0	Dibromomethane	< DL(U)	200.0
Trichlorofluoromethane	< DL(U)	200.0	Bromoform	< DL(U)	200.0
1,1-Dichloroethene	< DL(U)	200.0	Bromodichloromethane	< DL(U)	200.0
Methylene Chloride	< DL(U)	1550.0	1,1,2,2-Tetrachloroethane	< DL(U)	200.0
trans-1,2-Dichloroethene	< DL(U)	200.0	Benzene	< DL(U)	400.0
Methyl-tert-butyl ether	< DL(U)	800.0	cis-1,3-Dichloropropene	< DL(U)	200.0
1,1-Dichloroethane	< DL(U)	200.0	Toluene	< DL(U)	500.0
2,2-Dichloropropane	< DL(U)	200.0	trans-1,3-Dichloropropene	< DL(U)	200.0
cis-1,2-Dichloroethene	< DL(U)	200.0	1,1,2-Trichloroethane	< DL(U)	200.0
Methyl ethyl ketone	< DL(U)	2000.0	Tetrachloroethene	< DL(U)	200.0
Bromochloromethane	< DL(U)	200.0	1,3-Dichloropropane	< DL(U)	200.0
Chloroform	< DL(U)	200.0	Dibromochloromethane	< DL(U)	200.0
1,1,1-Trichloroethane	< DL(U)	200.0	1,2-Dibromoethane	< DL(U)	200.0
1,1-Dichloropropene	< DL(U)	200.0	Ethylbenzene	< DL(U)	200.0

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8260

Cust	GREEN ENVIRON. SPEC.
Address	8335 QUARRY
	NIAGARA FALLS, NY 14304
Attn:	MATT SCHIMPF
Phone	298-5297
FAX	298-5754

PO Number:	MJS-1213
Project Number:	
Project Cust:	STOLLBERG LAN ASSOC.
Project Site:	OLD SHW
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)	20689	
Sample ID#1(CUST)	GROUND H2O FROM UST	
Sample ID#2(CUST)		
Matrix	WATER	
Sampled By	M.J. SCHIMPF	
Date Sampled	09/14/98	11:00
Date Received	09/16/98	09:20
Date Analyzed	09/16/98	
Date Reported	09/17/98	

	Results	Det Limit*
m&p-Xylene	< DL(U)	400.0
o-Xylene	< DL(U)	200.0
Styrene	< DL(U)	200.0
Isopropylbenzene	< DL(U)	200.0
n-Propylbenzene	< DL(U)	200.0
1,3,5-Trimethylbenzene	207.2	200.0
tert-Butylbenzene	< DL(U)	200.0
1,2,4-Trimethylbenzene	631.6	200.0
sec-Butylbenzene	< DL(U)	200.0
Chlorobenzene	< DL(U)	200.0
1,1,1,2-Tetrachloroethane	< DL(U)	200.0
Bromobenzene	< DL(U)	200.0
1,2,3-Trichloropropane	< DL(U)	200.0
2-Chlorotoluene	< DL(U)	200.0
4-Chlorotoluene	< DL(U)	200.0
1,3-Dichlorobenzene	< DL(U)	200.0
4-Isopropyltoluene	< DL(U)	200.0
1,4-Dichlorobenzene	< DL(U)	200.0

	Results	Det Limit*
1,2-Dichlorobenzene	< DL(U)	200.0
n-Butylbenzene	< DL(U)	200.0
1,2-Dibromo-3-chloropropane	< DL(U)	500.0
1,2,4-Trichlorobenzene	< DL(U)	400.0
Hexachlorobutadiene	< DL(U)	200.0
Naphthalene	< DL(U)	1000.0
1,2,3-Trichlorobenzene	< DL(U)	1000.0

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

* DL = Detection Limit

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - PCB BY 608

Cust	GREEN ENVIRON. SPEC.
Address:	8335 QUARRY
	NIAGARA FALLS, NY 14304
Attn:	MATT SCHIMPF
Phone	298-5297
FAX	298-5754

PO Number:	MJS-1213
Project Number:	
Project Cust:	STOLLBERG LAN ASSOC.
Project Site:	OLD SHW
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Extraction Method: EPA 3510 Liquid/Liquid Extraction

Analysis Method: EPA 608 GC ECD

Sample ID (LAB)	20689	
Sample ID#1(CUST)	GROUND H2O FROM UST	
Sample ID#2CUST)		
Matrix	WATER	
Sampled By	M.J. SCHIMPF	
Date Sampled	09/14/98	11:00
Date Received	09/16/98	9:20
Date Analyzed	09/18/98	
Date Reported	09/21/98	

	Results	Det Limit*
Aroclor 1016	< DL(U)	1.0
Aroclor 1221	< DL(U)	1.0
Aroclor 1232	< DL(U)	1.0
Aroclor 1242	< DL(U)	1.0
Aroclor 1248	< DL(U)	1.0
Aroclor 1254	< DL(U)	1.0
Aroclor 1260	< DL(U)	1.0

< DL(U)=analyzed but not detected

L=estimated value

B=analyte found in blank

E=exceed calibration range

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM RPT8080

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - MISC

Cust GREEN ENVIRON. SPEC.
Address 8335 QUARRY
NIAGARA FALLS, NY 14304
Attn: MATT SCHIMPF

Phone 298-5297
FAX 298-5754

PO Number: MJS-1213
Project Number:
Project Cust: STOLLBERG LAN ASSOC.
Project Site: OLD SHW
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type
Detection Limits = Water=mg/L or PPM
Soil=mg/Kg or PPM

Sample ID (LAB)	20689	
Sample ID#1(CUST)	GROUND H2O FROM UST	
Sample ID#2(CUST)		
Matrix	WATER	
Sampled By	M.J. SCHIMPF	
Date Sampled	09/14/98	11:00
Date Received	09/16/98	09:20
Date Analyzed	09/18/98	
Date Reported	09/22/98	

Ignitability: Negative , No flash to 140F/60C

Corrosivity: pH=7.74

Reactivity: Sulfide: <20 PPM
Cyanide: <20 PPM

< DL(U)= analyzed but not detected
L= estimated value
B=analyte found in blank
E=exceed calibration range

TOTAL P.15

20689 MANILLA COPY

PO Box 40 5611 Water Street Middlesex NY 14507

1-800-THE LABS Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY # 11369 NJ # 73744 CA # 2055 SC # 91011

3 Day 9/18

CUSTOMER: Green Environmental Spec.
ADDRESS: 8335 Quality Rd.
CITY: Niagara Falls
STATE/ZIP: NY 14304
PHONE: 716-298-5297
FAX: 716-295-5754
CONTACT:

PO NUMBER: MJS-1213
PROJECT NO:
PROJECT CUST: Stollberg En. Assoc
PROJECT SITE: OH SAW
SEND RESULTS: ☑FAX ☐EXPR MAIL
PHONE RESULTS: ☐ YES ☑ NO

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTBE
8021 + MTBE
503.1
TPH GASOLINE
TPH DIESEL
8240
8260 (Stars)
8260
8 RCRA METALS (DIRECT)

8270 (Stars)
625
PCB'S
602
624
TOX
LEAD ONLY

FULL TCLP
TCLP LESS HERBS & PESTS
TCLP VOLATILES
TCLP SEMI-VOLATILES
8 RCRA METALS (TCLP)
HERBICIDES
PESTICIDES
REACTIVITY
CORROSIVITY
FLASH POINT

(DIESEL)
(GAS OR OIL)
SUSPECT : ________

LIST ANALYSIS REQUIRED: TPH, Ranking, VOA, PCB

SPECIAL INSTRUCTIONS: LAN980914A

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	TPH, Ranking	VOA, PCB				
9/14	11:00	Ground H2O From UST		✓				

CHAIN OF CUSTODY RECORD

\# of SAMPLES 1 # of CONTAINERS 1
SAMPLED BY: MJ Schimpf
SIGNATURE: [signature]
NAME: M.J. Schimpf
DATED. 9/14/98 TIME: 11:00 hrs
HOW SENT: ☐EXP MAIL ☑HAND CARRY
SIGNATURE 2:
NAME 2:
DATED 2: / / TIME: ___:___
HOW SENT 2: ☐EXP MAIL ☐HAND CARRY

SAMPLES RECEIVED BY:
SIGNATURE: Steven C Crum
NAME: STEVE C CRUM
DATE: / / TIME: ___:___
HOW RECD: ☐EXP MAIL ☐HAND CARRY
FREIGHT IN: $
LOGGED IN: / / TIME: ___:___
SAMPLE COND: SAMPLE TEMP: -
LAB NOTES:

White-Lab, Yellow-

RESULTS WHEN YOU WANT THEM

expwo20doc

P.15/15

7165544114

SEP-22-1998 17:15

B

STOLLBERG

September 22, 1998

Mr. Tod Davidson
Modern Corporation
4746 Model City Road
Model City, NY 14107-0209

WCR – Excavated Soil

Dear Mr. Davidson:

This letter serves to inform you that the enclosed waste characterization report describes a material comprised of soil impacted by virgin heating oil as the result of an accidental release. There are no other contaminants in the aforementioned soil. Please review and approve this waste characterization report and the accompanying analyses at your earliest convenience.

Sincerely,

Charles A. Ogin
Plant Manager

GENERATOR WASTE CHARACTERIZATION REPORT

INSTRUCTIONS: The following form is required for disposal of nonhazardous industrial/commercial wastes at Modern Landfill. Please complete all sections of this report. Send completed report along with the analytical, chain of custody and the Application for Disposal of an Industrial Waste Stream (47-19-7) to this office. A separate form is required for each waste stream.

GENERATOR INFORMATION:

Generator Name: X Stollberg, Inc.

Generating Facility Address: 4111 Witmer Rd. P.O. Box 368
NIAGARA FALLS, NY 14305-0368

Technical Contact: Charles Ogin Phone: (716) 278-1656

Alternate Contact: Frank Schoner Phone: (716) 278-1638

INVOICING INFORMATION:

Contracting Firm: Green Environment Specialists, Inc.

Contact: Matthew J. Schimpf Phone: (800) 275-8256

Do you have an existing account with Modern Landfill? [✓] Yes [ ] No

Billing Address: 8335 QUARRY RD.
NIAGARA FALLS NY 14304

TRANSPORTER INFORMATION:

Hauler Name: Lewiston Trucking NYSDEC Permit No.

Contact Person: TOD DAVIDSON Phone: ( ) -

Is Modern Landfill currently on your Transporter Permit: [✓] Yes [ ] No

If no, please enclose a Part C Application to cover this waste stream.

WASTE INFORMATION:

Common name of waste: Soil from UST Excavation / Decommissioning

Description of process generating this waste: Routine Abatement / decommissioning of UST that previously contained Fuel oil.

Is this waste hazardous under US EPA Guidelines & 6NYCRR Part 371 (d)? [ ] Yes [✓] No

Indicate the category which best describes this waste stream:

[ ] Industrial Waste
[ ] Household Waste
[✓] Commercial Solid Waste
[ ] Construction & Demolition Debris
[ ] Other (Please Specify)

PHYSICAL CHARACTERISTICS OF WASTE

The waste is at least 20% solid and contains no free liquid	/	Yes [✓] No [ ]
The Flashpoint of the waste is >140 F		Yes [✓] No [ ]
The pH level of the waste is between 2.0 and 12.5		Yes [✓] No [ ]
Is the waste reactive (Cyanide/Sulfide)?		Yes [ ] No [✓]
Is the waste free of PCBs?		Yes [✓] No [ ]
Color: Brown	Odor: [ ] Strong [X] Mild	[ ] None

TCLP TESTING AND CERTIFICATION

METALS

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
ARSENIC	5.0		✓
BARIUM	100.0		✓
CADMIUM	1.0		✓
CHROMIUM	5.0		✓
LEAD	5.0		✓
MERCURY	0.2		✓
SELENIUM	1.0		✓
SILVER	5.0		✓

HERBICIDES/PESTICIDES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
2,4-D	10.0		✓
2,4,5-TP (SILVEX)	1.0		✓
ENDRIN	0.02		✓
LINDANE	0.4		✓
METHOXYCHLOR	10.0		✓
TOXAPHENE	0.5		✓
CHLORDANE	0.03		✓
HEPTACHLOR	0.008		✓

ACID EXTRACTABLES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
O-CREOSOL	200.0		✓
M-CREOSOL	200.0		✓
P-CREOSOL	200.0		✓
PENTACHLOROPHENOL	100.0		✓
2,4,5-TRICHLOROPHENOL	400.0		✓
2,4,6-TRICHLOROPHENOL	2.0		✓

BASE NEUTRALS EXTRACTABLES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
1,4-DICHLOROBENZENE	7.5		✓
2,4-DINITROTOLUENE	0.13		✓
HEXACHLOROBENZENE	0.13		✓
HEXACHLOROBUTADIENE	0.5		✓
HEXACHLOROETANE	3		✓
NITROBENZENE	2		✓
PYRIDINE	5		✓

VOLATILE ORGANICS

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
1,1-DICHLOROETHYLENE	0.7		✓
METHYL ETHYL KETONE	200.0		✓
TETRACHLOROETHYLENE	0.7		✓
VINYL CHLORIDE	0.2		✓
BENZENE	0.5		✓
CARBON TETRACHLORIDE	0.5		✓
CHLOROBENZENE	100.0		✓
CHLOROFORM	6.0		✓
TRICHLOROETHYLENE	0.5		✓
1,2-DICHLOROETHANE	0.5		✓

CERTIFICATION

I CERTIFY THAT ALL INFORMATION CONTAINED WITHIN THIS GENERATOR WASTE CHARACTERIZATION REPORT, INCLUDING ALL ATTACHED INFORMATION, IS COMPLETE AND ACTUAL AND IS AN ACCURATE REPRESENTATION OF KNOWN OR SUSPECTED HAZARDS DESCRIBED HEREIN.

SIGNATURE: [signature]

PRINTED NAME: Charles A. Dain III

TITLE: Plant Manager

COMPANY: Storage, Inc.

DATE: 9/22/95

GENERIC APPROVAL

INSTRUCTIONS: The following sections should only be used if you are disposing of Virgin Petroleum Contaminated Solid Waste. Virgin Petroleum material disposal requirements are divided into two (2) categories, lighter than #2 Fuel Oil and #2 Fuel Oil and Higher. Material resulting from Underground Storage Tanks (UST) and Tank Bottoms from storage and Crude Oil are also included in this program. The tables below indicate the minimum testing requirements for the waste stream. All conditions set forth in the preceding waste characterization report must also be met and certified by the generator.

Provide in detail the process or incident producing this waste on your company's letterhead. Modern Landfill must have the original on file and the letter must clearly state that this was indeed a virgin product spill or otherwise and the resulting debris/cleanup material is free of prior residue or spill. This letter must also state the type of material spilled, ie. #2 fuel oil, gasoline, mineral oil, etc.

LIGHTER THAN #2 FUEL OIL
Include all attachments detailed above.

CONSTITUENT	PRESENT (VALUE)	NOT PRESENT
TCLP LEAD		
TCLP BENZENE		
FLASHPOINT		

#2 FUEL OIL AND HIGHER
Include all attachments detailed above.

CONSTITUENT	PRESENT (VALUE)	NOT PRESENT
TCLP BENZENE		✓
FLASHPOINT		✓

CERTIFICATION

I CERTIFY THAT ALL INFORMATION CONTAINED WITHIN THIS GENERATOR WASTE CHARACTERIZATION REPORT, INCLUDING ALL ATTACHED INFORMATION IS COMPLETE AND ACTUAL AND IS AN ACCURATE REPRESENTATION OF KNOWN OR SUSPECTED HAZARDS DESCRIBED HEREIN.

SIGNATURE _____ DATE 9/22/98

PRINTED NAME Charles A. Ogin III TITLE Plant Manager

EXPRESSLAB

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Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - TCLP 8021

Cust	GREEN ENVIRON. SPEC.
Address:	8335 QUARRY
	NIAGARA FALLS, NY 14304
Attn:	MATT SCHIMPF
Phone	298-5297
FAX	298-5754

PO Number:	MJS-1213
Project Number:	
Project Cust:	SAW-LAN ASSOC.
Project Site:	OLD SHW
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organics

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8021 GC PID/FID

Sample ID (LAB)	20687	
Sample ID#1(CUST)	CONT. SOIL FROM TANK	
Sample ID#2(CUST)	LAN 980915A	
Matrix	SOIL	
Sampled By	J.A. WEHNER	
Date Sampled	9/15/98	11:15
Date Received	9/16/98	9:20
Date Analyzed	9/19/98	
Date Reported	9/21/98	
	Results	Det Limit* (PPB)
Benzene	< DL(U)	1.0

< DL (U) = compound analyzed but not detected B = analyte found in blank

L = estimated value E = exceed calibration range

Analysis performed on TCLP extract

RESULTS WHEN YOU WANT THEM

RPT8021B

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - MISC

Cust GREEN ENVIRON. SPEC.
Address 8335 QUARRY
NIAGARA FALLS, NY 14304
Attn: MATT SCHIMPF

Phone 298-5297
FAX 298-5754

PO Number: MJS-1213
Project Number:
Project Cust: SAW-LAN ASSOC.
Project Site: OLD SHW
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type
Detection Limits = Water=mg/L or PPM
Soil=mg/Kg or PPM

Sample ID (LAB)	20687	
Sample ID#1(CUST)	CONT. SOIL FROM TANK	
Sample ID#2(CUST)	LAN 980915A	
Matrix	SOIL	
Sampled By	J.A. WEHNER	
Date Sampled	09/15/98	11:15
Date Received	09/16/98	09:20
Date Analyzed	09/21/98	
Date Reported	09/21/98	

Ignitability: Negative , No flash to 140F/60C

< DL(U)= analyzed but not detected
L= estimated value
B=analyte found in blank
E=exceed calibration range

C

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

Cust GREEN ENVIRON. SPEC.
Address: 8335 QUARRY
NIAGARA FALLS, NY 14304
Attn: MATT SCHIMPF

Phone 298-5297
FAX 298-5754

PO Number: MJS-1213
Project Numbe
Project Cust: SAW-LAN ASSOC.
Project Site: OLD SHW
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organics
Extraction Method: EPA 5030 Purge & Trap
Analysis Method: EPA 8021 GC PID/FID

Sample ID (LAB)	20688		
Sample ID#1(CUST)	BOTTOM OF EXCAV.		
Sample ID#2(CUST)	LAN 980915B		
Matrix	SOIL		
Sampled By	J.A. WEHNER		
Date Sampled	9/15/98	9:15	
Date Received	9/16/98	9:20	
Date Analyzed	9/18/98		
Date Reported	9/18/98		

	Results	Det Limit (PPB)
MTBE	< DL(U)	3.5
Benzene	< DL(U)	3.5
Toluene	< DL(U)	3.5
Ethylbenzene	< DL(U)	3.5
m&p-Xylene	< DL(U)	7.0
o-Xylene	< DL(U)	3.5
Isopropylbenzene	4.2	3.5
n-Propylbenzene	< DL(U)	3.5
1,3,5-Trimethylbenzene	4.5	3.5
tert-Butylbenzene	< DL(U)	3.5
1,2,4-Trimethylbenzene	< DL(U)	3.5
sec-Butylbenzene&1,3-Dichlorobenzene	< DL(U)	7.0
Isopropyltoluene	16.0	3.5
n-Butylbenzene	7.4	3.5
Naphthalene	< DL(U)	3.5

< DL (U) = compound analyzed but not detected B = analyte found in blank
L = estimated value E = exceed calibration range

C

EXPRESSLAB PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS
NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8270

Cust	GREEN ENVIRON. SPEC.
Address	8335 QUARRY
	NIAGARA FALLS, NY 14304
Attn:	MATT SCHIMPF
Phone	298-5297
FAX	298-5754

PO Number:	MJS-1213
Project Number:	
Project Cust:	SAW-LAN ASSOC.
Project Site:	OLD SHW
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=mg/kg ppm
*See Individual Limit

Results shown are: **PAH COMPOUNDS**
Extraction Method: **EPA 3550 Sonication**
Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)	20688	
Sample ID#1(CUST)	BOTTOM OF EXCAV.	
Sample ID#2(CUST)	LAN 980915B	
Matrix	SOIL	
Sampled By	J.A. WEHNER	
Date Sampled	09/15/98	9;15
Date Received	09/16/98	09:20
Date Analyzed	09/18/98	
Date Reported	09/21/98	

		Det Limit*(ppm)
Naphthalene	0.318	0.17
Acenaphthylene	< DL	0.17
Acenaphthene	< DL	0.17
Fluorene	0.133J	0.17
Phenanthrene	0.162J	0.17
Anthracene	0.067J	0.17
Fluoranthene	0.074J	0.17
Pyrene	0.068J	0.17
Benzo(a)anthracene	< DL	0.17
Chrysene	< DL	0.17
Benzo(b)fluoranthene	< DL	0.17
Benzo(k)fluoranthene	< DL	0.17
Benzo(a)pyrene	< DL	0.17
Indeno(1,2,3-c,d)pyrene	< DL	0.17
Dibenz(a,h)anthracene	< DL	0.17
Benzo(g,h,i)perylene	< DL	0.17

J=Detected above MDL, but below PQL

Tank Closure Report

New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

ATT: SAL CALANDRA

Attn: Petroleum Bulk Storage Section

Please be advised we will be closing tanks on 9-15-98
We will notify you if this schedule is changed.

Date _____

PBS # _____

Site Name: STOLLBERG Inc

Street: 4111 Witmer Rd

City: Tn. of NIAGARA, N.Y. 14305

Tanks to be closed:	Tank 1	Tank 2	Tank 3	Tank 4
Size:	2000			
Tank Type:	STEEL			
Product:	DIESEL			
UST or AST:	UST			
Removal or in place?	REMOVAL			

Owner's Name: STOLLBERG Inc

Street: 4111 Witmer Rd

City: Tn. of NIAGARA NY

Phone: (905) 806 3112

Laboratory Name: LOZIER LABS / EXPRESS LAB

Street: _____

City: _____

Phone: (716) 5293492

Contractor's Name: GREEN ENVIRONMENT SPECIALISTS

Street: 8335 QUARRY Rd

City: NIAGARA FALLS NY. 14304

Phone: (716) 298-5297

ENV. CONSULTANT
LAN ASSOC.

5/93 JIM WETHER

TOTAL P.02

Sep.28. 1998 12:34PM No.1128 P. 1

Soil Disposal

MODERN CORPORATIONS

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD © PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 456818
DATE IN : 09/25/98 08:43:27
DATE OUT: 09/25/98 08:43:28
TRUCK :499
HAULER :MDS MODERN DISPOSAL
GENERATOR: 8216.051
GREEN ENVIRONMENT SPECIALIST
STOLLBURG
BILL TO : 6153.000
MDS MODERN DISPOSAL
COMMODITY:0000 0000 SOIL AND OIL CLEANUP
GROSS WEIGHT: 77,560.
TARE WEIGHT: 30,180.
NET WEIGHT: 47,380.
TONS: 23.69

HAULER TICKET:TK719562-000

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

MODERN CORPORATIONS

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD © PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 456799
DATE IN : 09/25/98 08:05:08
DATE OUT: 09/25/98 08:05:09
TRUCK :497
HAULER :MDS MODERN DISPOSAL
GENERATOR: 8216.051
GREEN ENVIRONMENT SPECIALIST
STOLLBURG
BILL TO : 6153.000
MDS MODERN DISPOSAL
COMMODITY:0000-0000 SOIL AND OIL CLEANUP
GROSS WEIGHT: 65,120.
TARE WEIGHT: 30,540.
NET WEIGHT: 34,580.
TONS: 17.29

HAULER TICKET:TK719561-000

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

4746 MODEL CITY ROAD, PO BOX 209
MODEL CITY, NY 14107-0209
1-800-662-0012 716-754-8226
Modern Disposal Services, Inc.

DATE: 09/25/98
SITE TIME IN: 7:00
SITE TIME OUT: 7:15
ROUTE: X012

TRANSACTION #: TK-719561-0
TRUCK #: 497
PREPARED BY: patw
DUMP SITE: MLF MODERN LANDFILL

SERVICE SITE:

2216.051
GREEN ENVIRONMENT SPECIALIST
STOLLBURG
4113 WITMER ROAD
NIAGARA FALLS
G98-0498

Contact: JIM WTMER
Phone : 716/298-5298

COMMODITY: 0800-0000 SOIL AND OIL CLEANUP
TRANSACTION TYPE/STYLE: LOAD ON SITE TA
CONTAINER SIZE: 15.00

CONTAINER # IN: _____

CONTAINER # OUT: _____

Service Code: DUMP TRUCK SERVICE
TONS (G98-0498) CONTAMINATED SOIL (15 TON LIMIT)

D. J. Eich
DRIVER SIGNATURE

CUSTOMER SIGNATURE

PLEASE NOTE INDEMNIFICATION AGREEMENT

The Customer agrees to indemnify, defend and hold harmless the Contractor against all claims, damages, suits, judgments, penalties, fines and other liability or injury or death to persons or loss or damage to property arising out of the Customer's use, operation or possession of the equipment or arising out of the Customer's breach of any warranty created hereunder by the Customer. The customer shall not overload the equipment nor use it for incineration purposes or make alterations without the Contractor's written approval.

CUSTOMER'S COPY

4746 MODEL CITY ROAD, PO BOX 209
MODEL CITY, NY 14107-0209
1-800-662-0012 716-754-8226
Modern Disposal Services, Inc.

DATE: 09/25/98
SITE TIME IN: 700
SITE TIME OUT: 800
ROUTE: X012

TRANSACTION #: TK-719562-0
TRUCK #: 499
PREPARED BY: patw
DUMP SITE: MLF MODERN LANDFILL

SERVICE SITE:

2216.051
GREEN ENVIRONMENT SPECIALIST
STOLLBURG
4113 WITMER ROAD
NIAGARA FALLS

Contact: JIM WTMER
Phone : 716/298-5298

G98-0498
COMMODITY: 0800-0000 SOIL AND OIL CLEANUP
TRANSACTION TYPE/STYLE: LOAD ON SITE TA
CONTAINER SIZE: 15.00

CONTAINER # IN: _____

CONTAINER # OUT: _____

Service Code: DUMP TRUCK SERVICE
TONS (G98-0498) CONTAMINATED SOIL (15 TON LIMIT)

DRIVER SIGNATURE

CUSTOMER SIGNATURE

PLEASE NOTE INDEMNIFICATION AGREEMENT

The Customer agrees to indemnify, defend and hold harmless the Contractor against all claims, damages, suits, judgments, penalties, fines and liability or injury or death to persons or loss or damage to property arising out of the Customer's use, operation or possession of the equipm arising out of the Customer's breach of any warranty created hereunder by the Customer. The customer shall not overload the equipm use it for incineration purposes or make alterations without the Contractor's written approval.

CUSTOMER'S COPY

ANGE'S Scrap Iron & Metal, Inc.

2133 MAPLE AVENUE, NIAGARA FALLS, NY 14305
(716) 284-8729

FERROUS & NON FERROUS SCRAP METAL
INDUSTRIAL CONTAINER SERVICE

Driver Off _____ Date 9/19 19 98

M GROOM ENVIRONMENTAL

Address 8335 QUARRY RD

SALE	PURCHASE
	✓

WEIGHT	PRICE	AMOUNT	
9540 lb (1)			
8:27 AM 09 19 98 9540 lb (1) 8060 lb TR (480) lb NET			
TANK 0.74 MT	25	18	50
TOTAL		18	50

Weighed on Toledo DigiTOL Scale

ChemTrek (800) 424-9300
National Response Center (800) 424-8802
24 Hour Emergency Response Number
Shipper
Transportation Firm: GREEN ENVITONMENT SPEC.

Green Environment Specialists, Inc.
Straight Bill of Lading

Work Order Number: LAN-001A
Date: 9/15/98
Trailer License Number:

Pick Up	Delivery
Name: STOLLBERG INC.	Name: IRSI
Street Address: 4111 WITMER RD.	Street Address: 8335 QUARRY RD.
City: TOWN OF NIA. State: NY Zip: 14305	City: NIAGARA FALLS State: NY Zip: 14305
Contact Name: SKIP HUTTON Phone:	Contact Name: ~~SKIP HUTTON~~ MATT SCHNARR Phone:
Scheduled Time:	Scheduled Time:
Additional Information:	Additional Information:

H M	Proifile Number	Proper Shipping Name / Materials Description	Number of Containers	Weight (Lbs/Kg)	DOT ERG #
NO		decomm. UST FOR SCRAP	1	1000 LBS	

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations

Pick Up	Delivery
Arrival Time _____ Release Time _____	Driver J.A. WEHNER Date 9/15/98
Trailer Empty upon Arrival ✓ Yes ___ No	Arrival Time _____ Release Time _____
Comments: _____	Trailer Empty upon Departure ___ Yes ___ No
I certify that all the above listed material was received by the above listed transportation firm without any significant deviation in quantity listed above	Comments: _____
Driver Signature _____	I certify that all the above listed material was received at the above listed facility without any significant deviation in contents or quantity listed above.
Shipper Signature _____ 9/15/98	Driver Signature _____
	Facility Signature _____

WHITE
1.) Facility Mail To:
Green Environment
PO Box 2066NMS
Niagara Falls, NY 14301

GREEN
2.) Facility Copy

CANARY
3.) Transporter Copy

PINK
4.) Shipper's Copy

GOLDENROD
5.)Green Environment

ChemTrek (800) 424-9300
National Response Center (800) 424-8802
24 Hour Emergency Response Number
Shipper
Transportation Firm

Green Environment Specialists, Inc.
Straight Bill of Lading

Work Order Number 9/15/98
Date
Trailer License Number

Pick Up	Delivery
Name: STOLLBERG, INC.	Name: INDUSTRIAL Recycling Spec.
Street Address: 411 WITMER RD	Street Address: 8335 QUARRY RD.
City: TOWN of NIAGARA State: Zip: 14305	City: NIAGARA FALLS State: NY Zip: 14304
Contact Name: Skip HUTTON Phone:	Contact Name: MATT Schumpf Phone:
Scheduled Time:	Scheduled Time:
Additional Information:	Additional Information:

HM	Proifile Number	Proper Shipping Name / Materials Description	Number of Containers	Weight (Lbs/Kg)	DOT ERG #
	LAN 980914A	NON-Regulated MATERIAL	1	~~55~~ GA	
				1500 GAL	

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations

Pick Up	Delivery
Arrival Time 15[0]4 Release Time 15:50	Driver _____ Date _____
Trailer Empty upon Arrival ✓ Yes ____ No	Arrival Time _____ Release Time _____
Comments:	Trailer Empty upon Departure ____ Yes ____ No
I certify that all the above listed material was received by the above listed transportation firm without any significant deviation in quantity listed above.	Comments:
Driver Signature	I certify that all the above listed material was received at the above listed facility without any significant deviation in contents or quantity listed above.
Shipper Signature X	Driver Signature
	Facility Signature

WHITE
1.) Facility Mail To:
Green Environment
PO Box 2066NMS
Niagara Falls, NY 14301

GREEN
2.) Facility Copy

CANARY
3.) Transporter Copy

PINK
4.) Shipper's Copy

GOLDENROD
5.)Green Environment

Appendix O

Phase II
Documentation of Non-Hazardous Waste Disposal

SLC Constructors, Inc.

FIELD CHANGE ORDER AUTHORIZATION

Job No. 98027 Job Name SKW Date Work Performed 8-14/9-21

SLC CONSTRUCTORS INC.
Work Done By Address

SKIP HUTTON - LAN
Work Authorized By Address

Description of Work Performed:

TRANSPORTATION AND DISPOSAL OF NON-HAZARDOUS R.R. TIES TO A SUBTITLE D LANDFILL INCLUDING DEMURRAGE PER CONTRACT.

Number	Craft	ST Hrs	OT Hrs	Rate	Tota

Other Charges, Equipment:	ST Hrs	OT Hrs	Rate
80 TONS @	$35.00	TON	$2800.00
7.75 Hours x $75.00/HR x 1.15 =			$668.44

Material & Supplies

Documentation of Disposal Railroad Ties

SLC CONSTRUCTORS, INC. (SLC)
Extra Work Done By

Supervisor SLC Company Name Supervisor Company Name

Capitol Environmental Services, Inc.

INVOICE

8229 Boone Blvd., Suite 310
Vienna, VA 22182
(703) 356-3135

RECEIVED OCT 2 9 1998

SOLD TO:	SLC Constructors, Inc. 295 Mill St. Lockport, NY 14094 Attn: Mr. John Kuhn
SHIPPED TO:	Lakeview Landfill

INVOICE NUMBER	0921986
INVOICE DATE	10/20/98
TERMS	Net 30
YOUR ORDER NUMBER	Verbal
SALES REP	J. Corbett
SHIPPED VIA	Price Trucking
PREPAID or COLLECT	Collect

20	Ton	Transportation & Disposal of Railroad Ties from SKW **20 ton minimum applies to above line item** **Actual tonnage 8.09**	[redacted]	[redacted]
20	Ton	Transportation & Disposal of Railroad Ties from SKW **20 ton minimum applies to above line item** **Actual tonnage 11.23**	[redacted]	[redacted]
20	Ton	Transportation & Disposal of Railroad Ties from SKW **20 ton minimum applies to above line item** **Actual tonnage 10.11**	[redacted]	[redacted]
3	Hours	Loading Demurrage 09/18/98	75.00	225.00
4.75	Hours	Loading Demurrage 09/21/98	75.00	356.25

ENTERED NOV 0 9 1998

VENDOR ____
INVOICE # 0921986
DATE 10/29/98
AMOUNT [redacted]
TAXABLE ____
ACCT # 1407-99
JOB/EQUIP # 98-027
TASK/MAINT. CODE 99-001
APPROVAL [signature]

Questions concerning this invoice?
Call: Karen Archibald
(800) 560-CESI

SUBTOTAL	[redacted]
TAX	
FREIGHT	
PAY THIS AMOUNT	[redacted]

MAKE ALL CHECKS PAYABLE TO:
Capitol Environmental Services, Inc.

THANK YOU FOR YOUR BUSINESS!

Capitol Environmental Services, Inc.

INVOICE

8229 Boone Blvd., Suite 310
Vienna, VA 22182
(703) 356-3135

RECEIVED SEP 2 3 1998

SOLD TO: SLC Constructors, Inc.
295 Mill St.
Lockport, NY 14094
Attn: Mr. John Kuhn

SHIPPED TO: Lakeview Landfill

INVOICE NUMBER	0814982
INVOICE DATE	09/17/98
TERMS	Net 30
YOUR ORDER NUMBER	Verbal
SALES REP	J. Corbett
SHIPPED VIA	Browns Truckin
PREPAID or COLLECT	Collect

10	Tons	Transportation & Disposal of Railroad Ties from SKW **10 ton minimum applies to above line item** **Actual tonnage 4.37**	[redacted]	[redacted]
10	Tons	Transportation & Disposal of Railroad Ties from SKW **10 ton minimum applies to above line item** **Actual tonnage 4.83**	[redacted]	[redacted]

SUBTOTAL	[redacted]
TAX	
FREIGHT	
	[redacted] PAY THIS AMOUNT

Questions concerning this invoice?
Call: Kymn Archibald
(800) 560-CESI

MAKE ALL CHECKS PAYABLE TO:
Capitol Environmental Services, Inc.

THANK YOU FOR YOUR BUSINESS!

ENTERED SEP 2 3 1998

GIVE (1) Copy to Scott For Ref. / 1 Copy to Job File

T+M.

(W)

Change Order →

INVOICE # 0814982
DATE 9/23/98
AMOUNT [redacted]
TAXABLE
ACCT # 1407-99
JOB/EQUIP # 98027
TASK/MAINT. CODE ~~6~~ 1
APPROVAL (W) 9/27

LAKE VIEW LANDFILL
HARD HATS AND SAFETY GLASSES ARE
REQUIRED AT LAKE VIEW LANDFILL!!

889557
DATE: 08/14/98
TIME: 11:03-11:12

CUSTOMER: 406
CAPITOL ENVIRONMENTAL SERVICES

HAULER:

PROFILE 6055

TRUCK: B44 WASTE: CND DEMOLITION
BUFFALO DEMO

MANIFEST:

ORIGIN
NEW YORK

PCT	WGT/VOL
100	.8740

GROSS: 34440 LBS

TARE: 25700 LBS

NET: 8740 LBS = 4.37 TONS

TONS DUMPED TODAY: 4.37

0004404 REMARKS _____ SIGN _____

LAKE VIEW LANDFILL
HARD HATS AND SAFETY GLASSES ARE
REQUIRED AT LAKE VIEW LANDFILL!!

889572
DATE: 08/14/98
TIME: 11:27-11:43

CUSTOMER: 406
CAPITOL ENVIRONMENTAL SERVICES

HAULER:

PROFILE 6055

TRUCK: B7 WASTE: CND DEMOLITION
BUFFALO DEMO

MANIFEST:

ORIGIN
NEW YORK

PCT	WGT/VOL
100	9660

GROSS: 38500 LBS

TARE: 28940 LBS

NET: 9660 LBS = 4.83 TONS

TONS DUMPED TODAY: 9.20

0004404 REMARKS _____ SIGN _____

HARD HAT AND SAFETY SHOES ARE
REQUIRED AT LAKEVIEW LANDFILL

897306

DATE: 09/21/98
TIME: 07:21-07:58

CUSTOMER: 795
PRICE TRUCKING CORP

HAULER:

TRUCK#: 4006 WASTE: MSW TRUCK

MANIFEST:

ORIGIN:
NEW YORK

PCT	WGT/VOL
100	16180

GROSS: 49280 LBS

TARE: 33100 LBS

NET: 16180 LBS 8.09 TONS

TONS DUMPED TODAY: 8.09

REMARKS

HARD HATS AND SAFETY GLASSES ARE
REQUIRED AT LAKE VIEW LANDFILL

#897307

DATE: 09/21/98
TIME: 07:24-08:01

CUSTOMER: 755
PRICE TRUCKING CORP.

HAULER:

TRUCK: 166 WASTE: MSW TRANSFER - MUNICIPA MANIFEST:

ORIGIN
NEW YORK

	PCT	WGT/VOL
GROSS: 54660 LBS	100	22460
TARE: 32200 LBS		
NET: 22460 LBS = 11.23 TONS		

TONS DUMPED TARE

LAKE VIEW LANDFILL

HARD HATS AND SAFETY GLASSES ARE
REQUIRED AT LAKE VIEW LANDFILL!!

897613
DATE: 09/22/98
TIME: 09:05-09:25

UMER: 795
PRICE TRUCKING CORP.

HAULER:

TRUCK: 4006 WASTE: CND DEMOLITION

MANIFEST:

ORIGIN
NEW YORK

PC	POT/POL	C
100	80226	IF

GROSS: 54420 LBS

TARE: 34200 LBS

NET: 20220 LBS = 10.11 TONS

TONS DUMPED TODAY: 10.11

09/22/98 REMARKS

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. 96 001

Carrier PRICE TRUCKING SCAC. ______ Carrier's No. 266 7534

...the classifications and tariffs in effect on the date of this Bill of Lading: ______, date ______ from ______

...the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)
Consignee CWM
Street
Destination ERIE PA Zip

FROM:
Shipper SKW Metals & Alloys
Street Witmer Road
Origin Niagara Falls NY Zip

Carrier | Trailer Initial/Number | U.S. DOT Hazmat Reg. Number

HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
	Railroad Ties	Non/Haz						
	loading time 10:00am – 3:00 PM							

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

FREIGHT CHARGES
☐ Prepaid ☐ Collect

...shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". ...the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. ...declared value of the property is hereby ... per ...

...the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department...

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: [signature]

PER: [signature] DATE: 9/18/95

CARRIER:
PER: DATE:

Permanent post office address of shipper

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604)

9-BLS-A3 (Rev. 7/95)

STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. 002

(Carrier) Price Trucking SCAC. ______ Carrier's No. 4006 1800

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at ______, date ______ from ______

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)
Consignee
Street
Destination Zip

FROM: SKW Metals & Alloys
Shipper
Street Witmer Road
Origin Niagara Falls NY Zip

Route:

Delivering Carrier | Trailer Initial/Number | U.S. DOT Hazmat Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required	Check column
		Railroad Ties	Non/Haz						
		AM 10:15 TO 4:45 pm							

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C.O.D. FEE:
Prepaid ☐ $
Collect ☐ $

FREIGHT CHARGES
☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ______ per ______

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER
DRIVER'S SIGNATURE:

SHIPPER: [signature]
PER: [signature] DATE: 9/18/98

CARRIER:
PER: [signature] DATE: 9/21/98

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation

Permanent post office address of shipper

Sep.28. 1998 12:34PM No.1128 P. 1

Soil Disposal
From Eastern Portion of Property

MODERN CORPORATIONS
P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD © PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 456818
DATE IN : 09/25/98 08:43:27
DATE OUT: 09/25/98 08:43:28
TRUCK :499
HAULER :MDS MODERN DISPOSAL
GENERATOR: 2216.051
GREEN ENVIRONMENT SPECIALIST
STOLLBURG
BILL TO : 6163.000
MDS MODERN DISPOSAL
COMMODITY:0000 0000 SOIL AND OIL CLEANUP
GROSS WEIGHT: 77,560.
TARE WEIGHT: 30,180.
NET WEIGHT: 47,380.
TONS: 23.69

HAULER TICKET:TK719562-000

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

MODERN CORPORATIONS
P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD © PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 456799
DATE IN : 09/25/98 08:05:08
DATE OUT: 09/25/98 08:05:09
TRUCK :497
HAULER :MDS MODERN DISPOSAL
GENERATOR: 2216.051
GREEN ENVIRONMENT SPECIALIST
STOLLBURG
BILL TO : 6163.000
MDS MODERN DISPOSAL
COMMODITY:0000-0000 SOIL AND OIL CLEANUP
GROSS WEIGHT: 65,120.
TARE WEIGHT: 30,540.
NET WEIGHT: 34,580.
TONS: 17.29

HAULER TICKET:TK719561-000

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

4746 MODEL CITY ROAD, PO BOX 209
MODEL CITY, NY 14107-0209
1-800-662-0012 716-754-8226
Modern Disposal Services, Inc.

DATE: 09/25/98
SITE TIME IN: 1:00
SITE TIME OUT: 2:45
ROUTE: X012

TRANSACTION #: TK-719561-0
TRUCK #: 497
PREPARED BY: patw
DUMP SITE: MLF MODERN LANDFILL

SERVICE SITE:

2216.051
GREEN ENVIRONMENT SPECIALIST
STOLLBURG
4113 WITMER ROAD
NIAGARA FALLS

Contact: JIM WTMER
Phone : 716/298-5298

G98-0498

COMMODITY: 0800-0000 SOIL AND OIL CLEANUP
TRANSACTION TYPE/STYLE: LOAD ON SITE TA
CONTAINER SIZE: 15.00

CONTAINER # IN: _____
CONTAINER # OUT: _____

Service Code: DUMP TRUCK SERVICE
TONS (G98-0498) CONTAMINATED SOIL (15 TON LIMIT)

DRIVER SIGNATURE

CUSTOMER SIGNATURE

PLEASE NOTE INDEMNIFICATION AGREEMENT

e Customer agrees to indemnify, defend and hold harmless the Contractor against all claims, damages, suits, judgments, penalties, fines and other bility or injury or death to persons or loss or damage to property arising out of the Customer's use, operation or possession of the equipment or arising out of the Customer's breach of any warranty created hereunder by the Customer. The customer shall not overload the equipment nor use it for incineration purposes or make alterations without the Contractor's written approval.

CUSTOMER'S COPY

4746 MODEL CITY ROAD, PO BOX 209
MODEL CITY, NY 14107-0209
1-800-662-0012 716-754-8226
Modern Disposal Services, Inc.

DATE: 09/25/98
SITE TIME IN: 700
SITE TIME OUT: 800
ROUTE: X012

TRANSACTION #: TK-719562-0
TRUCK #: 499
PREPARED BY: patw
DUMP SITE: MLF MODERN LANDFILL

SERVICE SITE:

2216.051
GREEN ENVIRONMENT SPECIALIST
STOLLBURG
4113 WITMER ROAD
NIAGARA FALLS

Contact: JIM WTMER
Phone : 716/298-5298

G98-0498
COMMODITY: 0800-0000 SOIL AND OIL CLEANUP
TRANSACTION TYPE/STYLE: LOAD ON SITE TA
CONTAINER SIZE: 15.00

CONTAINER # IN: _____

CONTAINER # OUT: _____

Service Code: DUMP TRUCK SERVICE
TONS (G98-0498) CONTAMINATED SOIL (15 TON LIMIT)

DRIVER SIGNATURE

CUSTOMER SIGNATURE

PLEASE NOTE INDEMNIFICATION AGREEMENT

The Customer agrees to indemnify, defend and hold harmless the Contractor against all claims, damages, suits, judgments, penalties, fines and bility or injury or death to persons or loss or damage to property arising out of the Customer's use, operation or possession of the equipm arising out of the Customer's breach of any warranty created hereunder by the Customer. The customer shall not overload the equipm use it for incineration purposes or make alterations without the Contractor's written approval.

CUSTOMER'S COPY

GENERATOR WASTE CHARACTERIZATION REPORT

INSTRUCTIONS: The following form is required for disposal of nonhazardous industrial/commercial wastes at Modern Landfill. Please complete all sections of this report. Send completed report along with the analytical, chain of custody and the Application for Disposal of an Industrial Waste Stream (47-19-7) to this office. A separate form is required for each waste stream.

GENERATOR INFORMATION:

Generator Name: X Stollberg, Inc.

Generating Facility Address: 4111 Witmer Rd. P.O. Box 368
NIAGARA FALLS, NY 14305-0368

Technical Contact: Charles Ogin Phone: (716) 278-1656

Alternate Contact: Frank Schoner Phone: (716) 278-1638

INVOICING INFORMATION:

Contracting Firm: Green Environment Specialists, Inc.

Contact: Matthew J. Schimpf Phone: (800) 275-8256

Do you have an existing account with Modern Landfill? [✓] Yes [ ] No

Billing Address: 8335 Quarry Rd.
Niagara Falls NY 14304

TRANSPORTER INFORMATION:

Hauler Name: Lewiston Trucking NYSDEC Permit No. _____

Contact Person: Tod Davidson Phone: (___) _____

Is Modern Landfill currently on your Transporter Permit: [✓] Yes [ ] No

If no, please enclose a Part C Application to cover this waste stream.

WASTE INFORMATION:

Common name of waste: Soil from UST Excavation / Decommissioning

Description of process generating this waste: Routine Abatement / Decommissioning of UST that previously contained Fuel oil.

Is this waste hazardous under US EPA Guidelines & 6NYCRR Part 371 (d)? [ ] Yes [✓] No

Indicate the category which best describes this waste stream:

[ ] Industrial Waste
[ ] Household Waste
[✓] Commercial Solid Waste
[ ] Construction & Demolition Debris
[ ] Other (Please Specify) _____

PHYSICAL CHARACTERISTICS OF WASTE

The waste is at least 20% solid and contains no free liquid	Yes [✓] No [ ]
The Flashpoint of the waste is >140 F	Yes [✓] No [ ]
The pH level of the waste is between 2.0 and 12.5	Yes [✓] No [ ]
Is the waste reactive (Cyanide/Sulfide)?	Yes [ ] No [✓]
Is the waste free of PCBs?	Yes [✓] No [ ]
Color: Brown Odor: [ ] Strong [X] Mild [ ] None	

TCLP TESTING AND CERTIFICATION

METALS

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
ARSENIC	5.0		✓
BARIUM	100.0		✓
CADMIUM	1.0		✓
CHROMIUM	5.0		✓
LEAD	5.0		✓
MERCURY	0.2		✓
SELENIUM	1.0		✓
SILVER	5.0		✓

HERBICIDES/PESTICIDES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
2,4-D	10.0		✓
2,4,5-TP (SILVEX)	1.0		✓
ENDRIN	0.02		✓
LINDANE	0.4		✓
METHOXYCHLOR	10.0		✓
TOXAPHENE	0.5		✓
CHLORDANE	0.03		✓
HEPTACHLOR	0.008		✓

ACID EXTRACTABLES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
O-CREOSOL	200.0		✓
M-CREOSOL	200.0		✓
P-CREOSOL	200.0		✓
PENTACHLOROPHENOL	100.0		✓
2,4,5-TRICHLOROPHENOL	400.0		✓
2,4,6-TRICHLOROPHENOL	2.0		✓

BASE NEUTRALS EXTRACTABLES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
1,4-DICHLOROBENZENE	7.5		✓
2,4-DINITROTOLUENE	0.13		✓
HEXACHLOROBENZENE	0.13		✓
HEXACHLOROBUTADIENE	0.5		✓
HEXACHLOROETANE	3		✓
NITROBENZENE	2		✓
PYRIDINE	5		✓

VOLATILE ORGANICS

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
1,1-DICHLOROETHYLENE	0.7		✓
METHYL ETHYL KETONE	200.0		✓
TETRACHLOROETHYLENE	0.7		✓
VINYL CHLORIDE	0.2		✓
BENZENE	0.5		✓
CARBON TETRACHLORIDE	0.5		✓
CHLOROBENZENE	100.0		✓
CHLOROFORM	6.0		✓
DICHLOROETHYLENE	0.5		✓
1,2-DICHLOROETHANE	0.5		✓

CERTIFICATION

I CERTIFY THAT ALL INFORMATION CONTAINED WITHIN THIS GENERATOR WASTE CHARACTERIZATION REPORT, INCLUDING ALL ATTACHED INFORMATION, IS COMPLETE AND ACTUAL AND IS AN ACCURATE REPRESENTATION OF KNOWN OR SUSPECTED HAZARDS DESCRIBED HEREIN.

SIGNATURE: [signature]

PRINTED NAME: Charles A. Dain III

TITLE: Plant Manager

COMPANY: Stauffer Inc.

DATE: 9/22/95

GENERIC APPROVAL

INSTRUCTIONS: The following sections should only be used if you are disposing of Virgin Petroleum Contaminated Solid Waste. Virgin Petroleum material disposal requirements are divided into two (2) categories, lighter than #2 Fuel Oil and #2 Fuel Oil and Higher. Material resulting from Underground Storage Tanks (UST) and Tank Bottoms from storage and Crude Oil are also included in this program. The tables below indicate the minimum testing requirements for the waste stream. All conditions set forth in the preceding waste characterization report must also be met and certified by the generator.

Provide in detail the process or incident producing this waste on your company's letterhead. Modern Landfill must have the original on file and the letter must clearly state that this was indeed a virgin product spill or otherwise and the resulting debris/cleanup material is free of prior residue or spill. This letter must also state the type of material spilled, ie. #2 fuel oil, gasoline, mineral oil, etc.

LIGHTER THAN #2 FUEL OIL
Include all attachments detailed above.

CONSTITUENT	PRESENT (VALUE)	NOT PRESENT
TCLP LEAD		
TCLP BENZENE		
FLASHPOINT		

#2 FUEL OIL AND HIGHER
Include all attachments detailed above.

CONSTITUENT	PRESENT (VALUE)	NOT PRESENT
TCLP BENZENE		
FLASHPOINT		

CERTIFICATION

I CERTIFY THAT ALL INFORMATION CONTAINED WITHIN THIS GENERATOR WASTE CHARACTERIZATION REPORT, INCLUDING ALL ATTACHED INFORMATION IS COMPLETE AND ACTUAL AND IS AN ACCURATE REPRESENTATION OF KNOWN OR SUSPECTED HAZARDS DESCRIBED HEREIN.

SIGNATURE _____ DATE 9/22/98

PRINTED NAME Charles A. Ogin III TITLE Asst Manager

Documentation Of Disposal of Petroleum Contaminated Soil From East End of Basin 6 Total Two Roll Off Containers

2.326922

LETTER OF TRANSMITTAL

1/27/99

SLC Constructors, Inc.
295 Mill Street
Lockport, New York 14094
(716) 433-0776 Fax (716) 433-0802

DATE: 1-18-99	JOB NO: 98-027
ATTN: SKIP [redacted] HUTTON	
RE:	

TO LAN ASSOCIATES #2
66 CUNA STREET
ST. AUGUSTINE, FL 32084-3619

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
1	—	—	WASTE MANIFEST, WEIGHT TICKETS, & CERTS. OF DISPOSAL FOR (2) PETROLEUM FILLED ROLLOFF BOXES

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____, 199____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS: _____

JAN 1 9 1999

COPY TO FILE

SIGNED: Scott R Kahl

NON-HAZARD WASTE MANIF

(2) PETROLEUM FILLED ROLLOFFS

	6 0 7 8 0	Manifest Document No.	2. Page 1 of 1

3. Generator's Name and Mailing
SKW Metals & Allt
411 Witmer Road;
4. Generator's Phone (716

5. Transporter 1 Company Name: Price Trucking
US EPA ID Number: N Y D 0 4 6 7 8 5 3 7 4
A. Transporter's Phone: 800 825-6001

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
C.I.D. Landfill, Inc.
10860 Olean Road
Chaffee, NY 14030-9799
10. US EPA ID Number: N / A
C. Facility's Phone: 716-496-5000

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non Dot Regulated Material (Soil)		C M	Approx 15 CYS	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact: Capitol Environmental Services (800) 560-2374

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Harry H. Hutton
Signature: Harry H. Hutton
Month 10 Day 20 Year 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Travis Wilson
Signature: Travis Wilson
Month 10 Day 20 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
Load Ht #380137

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
CID Landfill Inc.

Printed/Typed Name
Signature
Month 10 Day 20 Year 98

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER #2

C.I.D.

C.I.D. LANDFILL CHAFFEE SITE
716/496-5000

TICKET NUMBER: 280437
CUSTOMER NUMBER: 72229.000

CAPITOL ENVIRONMENTAL

8229 BOONE BLVD.
, 00000

TICKET DATE: 10/20/98
GENERATOR NUMBER: 72229.001

SKW METALS & ALLOYS
4111 WITMER ROAD
NIAGARA FALLS, NY 14302

TRUCK NUMBER: 9400
ROUTE NUMBER:

WASTE TYPE: CONT. SOIL (COV
APPLICATION #: 276 CONT. SOIL

THEIR TICKET #:
MANIFEST NUMBER:
CONTAINER TYPE: 30 30 YD OPEN TOP
YARDAGE: 30.00

LOCATION: 4I1600
MISC QUANTITY: 0.00

TIME IN: 12:24:08
TIME OUT: 14:33:59

GROSS WEIGHT: 78,760
TARE WEIGHT: 47,420
NET: 31,340
TONS: 15.67

C.I.D. LANDFILL, INC.
10860 Olean Road
Chaffee, New York 14030-9799
Tel: 716/496-5000
Fax: 716/496-5500

CERTIFICATE OF DISPOSAL

Date: 10/20/98 Time: 12:24 pm

Customer Name: SKW metals & Alloys Niagara NY

Customer Address: Capital Environmental

8229 Boone Blvd. Vienna VA

Scale ticket # 280436
280437

I hereby certify that I have disposed and destroyed material delivered to C.I.D. Landfill, Inc. from the above-referenced customer on the above-referenced date.

C.I.D. LANDFILL, INC.

By: Michael T. Glasner Landfill operations

Printed Name

Michael T. Glasner

983694 98C271 (2

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1
NYR000056780		

3. Generator's Name and Mailing Address
SKF Metals & Alloys
411 Witmer Road, Niagara, NY 14302
4. Generator's Phone (716) 446-8955

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Price Trucking	NYD046765574	800 825-6001
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
C.I.D. Landfill, Inc. 10860 Olean Road Chaffee, NY 14030-9799	N / A	716-496-5000

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non Dot Regulated Material (Soil)		CM	Approx 0015	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact: Capitol Environmental Services (800) 560-2374

GENERATOR

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Harry H Hutton		10	20	98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Travis Wilson		10	20	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
24044

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
CID Landfill Inc.

Printed/Typed Name	Signature	Month	Day	Year
Jon Fick		10	20	98

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

C.I.D.

C. I. D. LANDFILL CHAFFEE SITE
716/496-5000

TICKET NUMBER: 280436
TICKET DATE: 10/20/98
CUSTOMER NUMBER: 72229.000
GENERATOR NUMBER: 72229.001

CAPITOL ENVIRONMENTAL

8229 BOONE BLVD.
, 00000

SKW METALS & ALLOYS
4111 WITMER ROAD
NIAGARA FALLS, NY 14302

TRUCK NUMBER: 9400
ROUTE NUMBER:
WASTE TYPE: CONT. SOIL (COV
APPLICATION #: 276 CONT. SOIL

THEIR TICKET #:
MANIFEST NUMBER:
LOCATION: 41600
MISC QUANTITY: 0.00

CONTAINER TYPE: 30
30 YD OPEN TOP
YARDAGE: 30.00

TIME IN: 12:23:59
TIME OUT: 13:21:30
GROSS WEIGHT: 118,840
TARE WEIGHT: 78,760
NET: 40,080
TONS: 20.04

C.I.D. LANDFILL, INC.
10860 Olean Road
Chaffee, New York 14030-9799
Tel: 716/496-5000
Fax: 716/496-5500

CERTIFICATE OF DISPOSAL

Date: 10/20/98 Time: 12:24pm

Customer Name: SKW metals + Alloys Niagara NY

Customer Address: Capital Environmental

8229 Boone Blvd. Vienna VA

Scale ticket # 280436
280437

I hereby certify that I have disposed and destroyed material delivered to C.I.D. Landfill, Inc. from the above-referenced customer on the above-referenced date.

C.I.D. LANDFILL, INC.

By: Michael T. Glasner Landfill operations

Printed Name

Michael T. Glasner

Documentation of Disposal
Roofing Material

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYR000060780 | Manifest Document No. 98101 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302

4. Generator's Phone (716 445-8955

Same

5. Transporter 1 Company Name: S & J Transportation Co.

6. US EPA ID Number: NJD071629976

A. Transporter's Phone: 609 769-2741

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Chemtron Corporation
35850 Schneider Ct.
Avon, OH 44011-1232

10. US EPA ID Number: OHD066060609

C. Facility's Phone: 800 676-5091

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non DOT Regulated Material	003	M	10165	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

A. Approval#
Emergency Contact: Capitol Environmental Services (800) 360-2374

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Harry H. Hinton | Signature | Month 10 Day 28 Year 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: R C Slippey JR | Signature | Month 10 Day 28 Year 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

GENERATOR
TRANSPORTER
FACILITY

GENERATOR'S COPY

STRAIGHT BILL OF LADING
Short Form - Original - Not Negotiable

Driver Name

CARRIER

S-J TRANSPORTATION CO.
1176 U.S. Route 40
P.O. Box 169
Woodstown, N.J. 08098
(609) 769-2741

Carrier's No. 130027 3
Manifest No. ~~3021 15~~
Code No. ~~10/28/98~~
Date

TO CONSIGNEE	CHEMTRON CORP	FROM SHIPPER	~~ONTARIO SPECIALITY~~ SKW Metals + A
STREET	35850 SCHNEIDER CT	STREET	~~333 GRUSON STREET~~ 4113 Witmer rd
DESTINATION	AVON STATE OH ZIP 44011	ORIGIN	~~BUFFALO~~ NiAgArA STATE NY ZIP 14302
Contact		Contact	~~RICH~~ 716 446 8955
Phone No.	(440) 937-6348	Phone No.	~~(716) 856-3333~~

Vehicle Number 1808

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I D Number	WEIGHT (subject to correction)
		SEE ATTACHED MANIFEST FOR DESCRIPTION OF MATERIALS			
		Non HAZ NonRCRA			
		LIST MANIFEST# Doc 98101			

Consignee | Date | Cost

Trailer Type	P/U Date ~~10/28/98~~	Del. Date ~~10/29/98~~	Gross Wt.	
	P/U Time ~~1030 AM~~	Del. Time ~~11 AM~~	Tare Wt.	
	In / Out	In / Out	Net Wt.	

Special Instruction & Explain Delay:
~~DRIVER: LOAD YOUR LOAD ACCORDING TO YOUR DELIVERIES~~
~~ACCT: BILL STOP OFF 10TH PU~~
~~ORD BY ERIKA~~

Bill To: P.O. No.
Contact: Phone No. ~~(703) 256-3125~~

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PER:

SHIPPER: SKW Metals

DATE:

CARRIER S-J Transportation Co. - Woodstown, NJ 08098
PER:
DATE: 10/28/98

EMERGENCY RESPONSE TELEPHONE NUMBER: (

Manned 24-hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL FREE 1-800-424-9300 DAY OR NIGHT

DEC 12 1998

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y R 0 0 0 0 6 0 7 8 0
Manifest Document No.: 98101
2. Page 1 of 1

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302
Same

4. Generator's Phone (716 446-8955

5. Transporter 1 Company Name: S & J Transportation Co.
6. US EPA ID Number: N J D 0 7 1 6 2 9 9 7 6
A. Transporter's Phone: 609 769-2741

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Chemtron Corporation
35850 Schneider Ct.
Avon, OH 44011-1232
10. US EPA ID Number: O H D 0 6 6 0 6 0 6 0 9
C. Facility's Phone: 800 676-5091

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non DOT Regulated Material U19981029AK	003	M	10165	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

A. Approval#
Emergency Contact: Capitol Environmental Services (800) 560-2374

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Harry H Hutton | Signature: [signature] | Month Day Year: 11 02 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: RC Slippey JR | Signature: [signature] | Month Day Year: 11 02 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: William Chrisoško | Signature: [signature] | Month Day Year: 11 02 98

Printed by J.J. KELLER & ASSOCIATES Neenah, WI

ORIGINAL – RETURN TO GENERATOR

Documentation of Disposal/
Decon Pad Material

DECON Pad

Weight Tickets

C.I.D.

C.I.D. LANDFILL CHAFFEE SITE
716/496-5000

TICKET NUMBER: 282082
CUSTOMER NUMBER: 72229.000

CAPITOL ENVIRONMENTAL

8229 BOONE BLVD.
VIENNA, VA 22182

TICKET DATE: 11/09/98

GENERATOR NUMBER: 72229.001

SKW METALS & ALLOYS

4111 WITMER ROAD
NIAGARA FALLS, NY 14302

TRUCK NUMBER: 8200
ROUTE NUMBER:

THEIR TICKET #:
MANIFEST NUMBER:
CONTAINER TYPE: 35 35 YD DUMP TRAILER
YARDAGE: 35.00

WASTE TYPE: CONT. SOIL (COV
APPLICATION #: 276 CONT. SOIL

LOCATION: 6I1600
MISC QUANTITY: 0.00

TIME IN: 12:23:12
TIME OUT: 12:50:02

GROSS WEIGHT: 60,140
TARE WEIGHT: 33,580
NET: 26,560
TONS: 13.28

C.I.D.

C.I.D. LANDFILL CHAFFEE SITE
716/496-5000

TICKET NUMBER: 282148
CUSTOMER NUMBER: 72229.000

CAPITOL ENVIRONMENTAL

8229 BOONE BLVD.
VIENNA, VA 22182

TICKET DATE: 11/09/98

GENERATOR NUMBER: 72229.001

SKW METALS & ALLOYS

4111 WITMER ROAD
NIAGARA FALLS, NY 14302

TRUCK NUMBER: 8200
ROUTE NUMBER:

THEIR TICKET #:
MANIFEST NUMBER:
CONTAINER TYPE: 35 35 YD DUMP TRAILER
YARDAGE: 35.00

WASTE TYPE: CONT. SOIL (COV
APPLICATION #: 276 CONT. SOIL

LOCATION: 6I1600
MISC QUANTITY: 0.00

TIME IN: 15:08:51
TIME OUT: 15:58:57

GROSS WEIGHT: 62,500
TARE WEIGHT: 33,680
NET: 28,820
TONS: 14.41

Sent to Scott 11/16

C.I.D. LANDFILL, INC.
10860 Olean Road
Chaffee, New York 14030-9799
Tel: 716/496-5000
Fax: 716/496-5500

CERTIFICATE OF DISPOSAL

Date: 11/9/98 Time: 3:00 PM

Customer Name: Capitol Environmental

Customer Address: 8229 Boone Blvd.
Vienna VA. 22182

I hereby certify that I have disposed and destroyed material delivered to C.I.D. Landfill, Inc. from the above-referenced customer on the above-referenced date.

Scale ticket # 282082
282148

C.I.D. LANDFILL, INC.

By: Michael Glasner

Printed Name

Michael Glasner

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N Y R 0 0 0 0 6 0 7 8 0
Manifest Document No.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302
4. Generator's Phone (716) 446-8955

5. Transporter 1 Company Name
Price Trucking
6. US EPA ID Number N Y D 0 4 6 7 6 5 5 7 4
A. Transporter's Phone 800 825-6001

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
C.I.D. Landfill, Inc.
10860 Olean Road
Chaffee, NY 14030-9799
10. US EPA ID Number N / A
C. Facility's Phone 716-496-5000

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non Dot Regulated Material (Soil)	1	C M	Approx 6.00 15	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact: Capitol Environmental Services (800) 560-2374

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Scott Pfohl Signing For SKIP Hutton	Scott Pfohl for SKIP Hutton	11	04	98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Travis Wilson	Travis Wilson	11	04	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N Y R 0 0 0 0 6 0 7 8 0
Manifest Document No.
2. Page 1 of 1

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302
4. Generator's Phone (716) 446-8955

5. Transporter 1 Company Name
Price Trucking
6. US EPA ID Number N Y D 0 4 6 7 6 5 5 7 4
A. Transporter's Phone 800 825-6001

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
C.I.D. Landfill, Inc.
10860 Olean Road
Chaffee, NY 14030-9799
10. US EPA ID Number N / A
C. Facility's Phone 716-496-5000

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non Dot Regulated Material (Soil)	1	C M	Approx 1	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact: Capitol Environmental Services (800) 560-2374

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name | Signature | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

GENERATOR
TRANSPORTER
FACILITY

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Neenah, WI 54957-0368

GENERATOR'S COPY

12-BLS-C6 Rev. 1/97

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(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y R 0 0 0 0 6 0 7 8 0
Manifest Document No.:
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302
4. Generator's Phone (716) 446-8955

5. Transporter 1 Company Name: Price Trucking
6. US EPA ID Number: N Y D 0 4 6 7 6 5 5 7 4
A. Transporter's Phone: 800 825-6001

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
C.I.D. Landfill, Inc.
10860 Olean Road
Chaffee, NY 14030-9799
10. US EPA ID Number: N / A
C. Facility's Phone: 716-496-5000

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non Dot Regulated Material (Soil)	1	CM	Approx 0.00.15	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact: Capitol Environmental Services (800) 560-2374

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Scott Pfahl Signature for SKIP HUTTON
Signature: Scott Pfahl for SKIP HUTTON
Month 11 Day 04 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Travis Wilson
Signature: Travis Wilson
Month 11 Day 04 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:
Signature:
Month Day Year

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ORIGINAL – RETURN TO GENERATOR

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.R.0.0.0.0.6.0.7.8.0
Manifest Document No.:
2. Page 1 of 1

3. Generator's Name and Mailing Address
SKW Metals & Alloys
411 Witmer Road; Niagara, NY 14302
4. Generator's Phone (716) 446-8955

5. Transporter 1 Company Name: Price Trucking
6. US EPA ID Number: N.Y.D.0.4.6.7.6.5.5.7.4
A. Transporter's Phone: 800 825-6001

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
C.I.D. Landfill, Inc.
10860 Olean Road
Chaffee, NY 14030-9799
10. US EPA ID Number: N / A
C. Facility's Phone: 716-496-5000

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non Dot Regulated Material (Soil)	1	C M	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact: Capitol Environmental Services (800) 560-2374

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name | Signature | Month | Day | Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR

TRANSPORTER

FACILITY

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