932001

VANADIUM CORPORATION OF AMERICA
Site #932001
Preliminary Site Assessment
Volume II
September 1993

Admin. Record

Hinton

ENGINEERING INVESTIGATIONS AT INACTIVE HAZARDOUS WASTE SITES

PRELIMINARY SITE ASSESSMENT EVALUATION REPORT OF INITIAL DATA

932001

Volume II Supporting Documentaiton

[redacted] Vanadium Corporation
Town of Niagara

Site No. 932001
Niagara County

Prepared for:

New York State Department of Environmental Conservation

50 Wolf Road, Albany, New York 12233
Thomas C. Jorling, *Commissioner*

Division of Hazardous Waste Remediation
Michael J. O'Toole, Jr., *Director*

By:
ABB Environmental Services
Portland, Maine

SEPTEMBER 1993

NYSDEC SUPERFUND STANDBY CONTRACT
WORK ASSIGNMENT NO. D002472-6.1

PRELIMINARY SITE ASSESSMENT EVALUATION REPORT OF INITIAL DATA VOLUME II - SUPPORTING DOCUMENTATION

U.S. VANADIUM CORPORATION SITE TOWN OF NIAGARA, NEW YORK

SITE NO. 932001

Submitted to:

New York State Department of Environmental Conservation
Albany, New York

Submitted by:

ABB Environmental Services
Portland, Maine

September 1993

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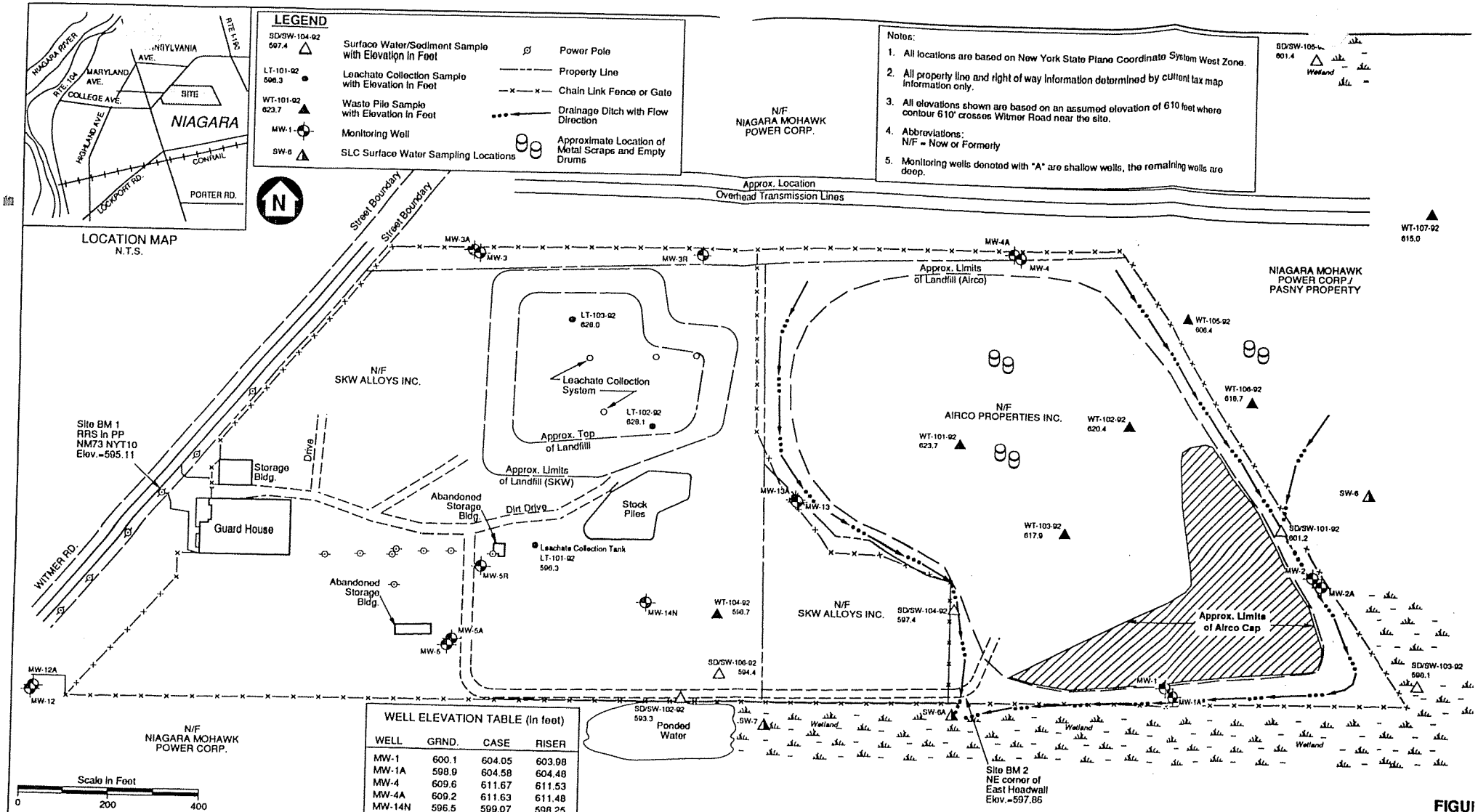
U.S. VANADIUM CORPORATION SITE
PRELIMINARY SITE ASSESSMENT
EVALUATION REPORT OF INITIAL DATA
VOLUME II

TABLE OF CONTENTS

NOTE:
THIS SITE WAS FORMERLY KNOWN AS THE SKW ALLOYS, INC. SITE. THE SITE NAME WAS CHANGED TO THE U.S. VANADIUM CORPORATION SITE PER COMMENT LETTER FROM NYSDEC DATED JUNE 28, 1993. FIGURES, TABLES, AND DOCUMENTS CONTAINED IN THIS VOLUME II REFLECT THE SITE'S FORMER NAME AS APPROVED BY NYSDEC.

SECTION 1.0

FIELD DATA SHEETS



WELL ELEVATION TABLE (In feet)

WELL	GRND.	CASE	RISER
MW-1	600.1	604.05	603.98
MW-1A	598.9	604.58	604.48
MW-4	609.6	611.67	611.53
MW-4A	609.2	611.63	611.48
MW-14N	596.5	599.07	598.25
MW-5	596.3	599.04	598.86
MW-5A	596.0	598.45	598.31
MW-12A	592.0	594.73	594.68
MW-12	592.0	594.65	594.34

Base Map Source:
New York State Department of Environmental Conservation Map entitled "Superfund Standby Contract at SKW Site, No. 2, Niagara, N.Y.", prepared for E.C. Jordan., Portland, Maine, Surveyed by Om P. Popli, P.L.S., Rochester, N.Y., Dated 12/92, Revised 1/18/93.

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FIGUI
U.S. VANADIUM CORPORATIOI
SITE PLAN AND SAMPLING LOCA
PRELIMINARY SITE ASSESS
NEW YORK STATI
ABB Environmental S

SURFACE SOIL SAMPLE DATA RECORD

Project: NYSDEC/PSA-6
Project Number: 7083-30
Sample Location ID: SAUT102XXX92XX
Time: Start: 1600 End: 1630

Site: SKW Alloys
Date: 10/27/92
Signature of Sampler: J. Connelly / T. Hillman

waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 6-12"

EQUIPMENT USED FOR COLLECTION:
- [ ] HAND AUGER
- [ ] S.S. SPLIT SPOON
- [X] SHOVEL
- [X] HAND SPOON (SS)
- [ ] ALUMINUM PANS
- [X] SS BUCKET
- ~~[X] Spoon~~ TPC

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR
- [X] COLOR Lt Green / Grey
- [ ] Brown

DECONTAMINATION FLUIDS USED:
- [✓] ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [X] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- (x) Ash w/ coarse Sand

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

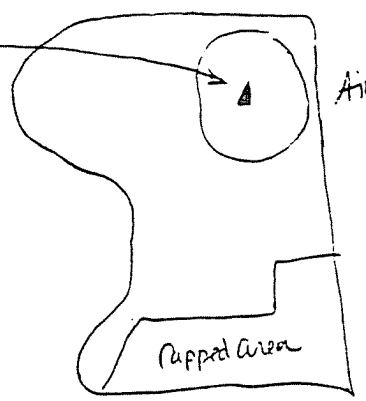
SAMPLE LOCATION SKETCH:
- [✓] YES
- [ ] NO

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: ~~SEDIMENT~~ Soil Waste	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOCs	[ ]	[✓]	[ ]	2-4 oz glass	[✓]	
[✓] SVOCs	[ ]	[✓]	[ ]	1-8 oz amber gl.	[✓]	
[✓] Inorganics	[ ]	[✓]	[ ]	~~1-8 oz amber gl.~~	[✓]	
[✓] Eptox metals	[ ]	[✓]	[ ]	~~1-8 oz. amber gl.~~	[✓]	
[ ] Corrosiv. ✓	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH

WT-102-92
↳ composite of 5 grabs w/in circled area



SURFACE SOIL SAMPLE DATA RECORD

Project: NYSDEC/PSA-6
Project Number: 3083-30
Sample Location ID: SAWT103XXX92XX
Time: Start: 1650 End: 1706

Site: SKW Alloys
Date: 10/27/92
Signature of Sampler: [signature]

waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 0-12"

EQUIPMENT USED FOR COLLECTION:
- [ ] HAND AUGER
- [ ] S.S. SPLIT SPOON
- [X] SHOVEL
- [X] HAND SPOON (SS)
- [ ] ALUMINUM PANS
- [X] SS BUCKET
- [X] ROCK PICK

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR
- [X] COLOR Lt. Gray (Brown)
- [X] Black (x) ash

DECONTAMINATION FLUIDS USED:
- ✓ ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [X] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [X] CLAY
- [X] SAND
- [ ] ORGANIC
- [ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

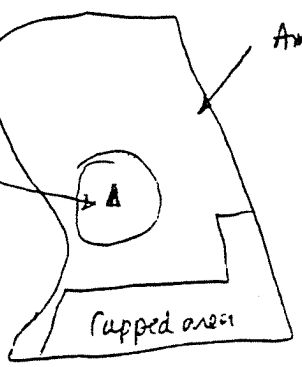
SAMPLE LOCATION SKETCH:
- [X] YES
- [ ] NO

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SUBSURFACE SOIL / Soil waste	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[X] VOCs	[ ]	[X]	[ ]	2-4oz. cl.	[X]	
[X] SVOCs	[ ]	[X]	[ ]	1-8oz. amb.	[X]	
[X] Inorg + Cr+6	[ ]	[X]	[ ]	"	[X]	
[X] TCLP metals	[ ]	[X]	[ ]	"	[X]	
[X] Corrosivity	[ ]	[X]	[ ]		[X]	
[ ]	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH

WT-103-92
↳ Composite of 5 grabs w/in circled area.



SURFACE SOIL SAMPLE DATA RECORD

Project: PSA-6 Site: SFW-alloys
Project Number: 7083-30 Date: 10-28-92
Sample Location ID: WT-104-92
Time: Start: 1620 End: 1650 Signature of Sampler: Shelley Pressley Jayme Connolly

waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 0-12"

EQUIPMENT USED FOR COLLECTION:
- [ ] HAND AUGER
- [ ] S.S. SPLIT SPOON
- [ ] SHOVEL
- [X] HAND SPOON SS
- [ ] ALUMINUM PANS
- [X] SS BUCKET
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [X] DISCRETE
- [ ] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR none
- [ ] COLOR white on top
- [ ] main / black inside

DECONTAMINATION FLUIDS USED:
- ✓ ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [X] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [ ] CLAY
- [X] SAND had wood chips in it.
- [ ] ORGANIC
- [ ] GRAVEL

Note: PID readings were 2-4 above background

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

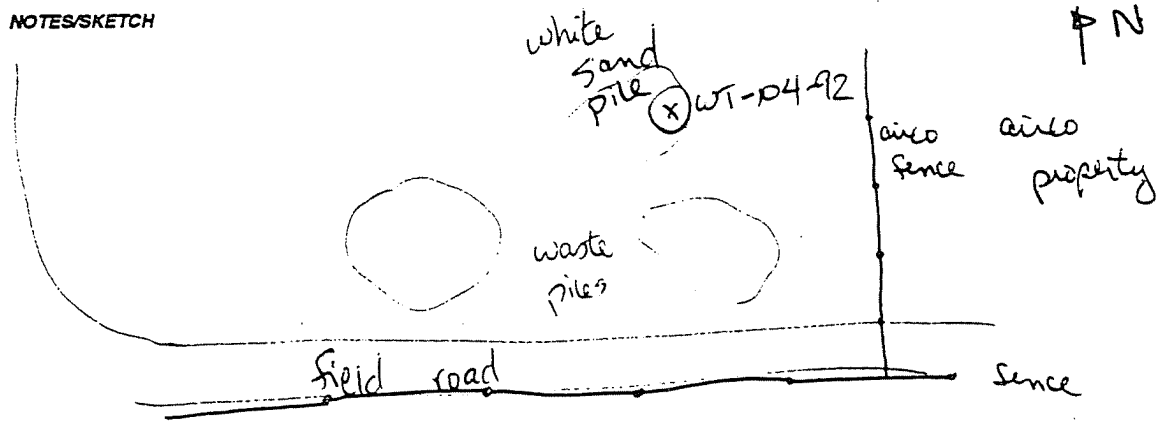
SAMPLE LOCATION SKETCH:
- [X] YES
- [ ] NO

Note: This location was chosen by Mike Hinton of NYS - CWM required

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT (waste)	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[X] VOCs	[ ]	[X]	[ ]	2-4oz glass	[X]	
[X] SVOC	[ ]	[X]	[ ]	#1-8oz amber	[X]	
[X] Inorg + Cr^{+6}	[ ]	[X]	[ ]	1-8oz amber	[X]	
[X] EP tox met.	[ ]	[X]	[ ]	1-8oz. amber	[X]	
[ ] Corrosivity	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH



E.C. JORDAN CO.

92021590 (o)

SURFACE SOIL SAMPLE DATA RECORD

Project: PSA-6
Project Number: 7083-30
Sample Location ID: WT-105-92
Time: Start: 1430 End: 1610

Site: SKW-alloys
Date: 10-28-92
Signature of Sampler: Shelley Pressley
Jayme Connally

waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 0-12"

EQUIPMENT USED FOR COLLECTION:
[ ] HAND AUGER
[ ] S.S. SPLIT SPOON
[ ] SHOVEL
[X] HAND SPOON SS
[ ] ALUMINUM PANS
[X] SS BUCKET
[X] pick

TYPE OF SAMPLE COLLECTED:
[X] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR none
[ ] COLOR black with silver sparkles
[ ]

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

SOIL TYPE:
[ ] CLAY
[X] SAND - coal like
[ ] ORGANIC
[X] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

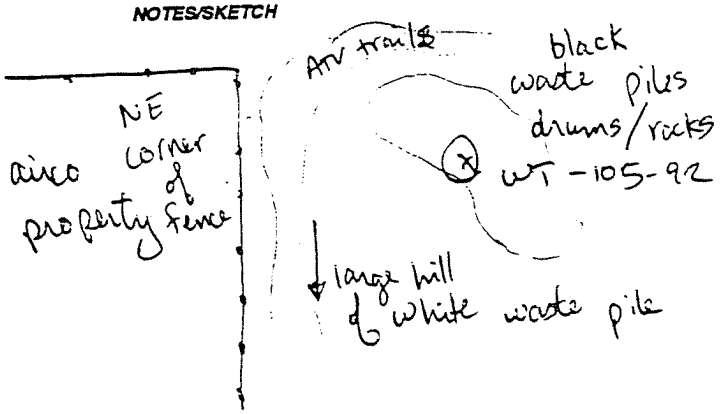
SAMPLE LOCATION SKETCH:
[X] YES
[ ] NO

PID background

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT/waste	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[X] VOCs	[ ]	[X]	[ ]	2-4oz glass	[X]	
[X] SVOCs	[ ]	[X]	[ ]	1-8oz. amber	[X]	
[X] Inorg + Cntrl	[ ]	[X]	[ ]	1-8oz amber	[X]	
[X] EP tox met.	[ ]	[X]	[ ]	1-8oz amber	[X]	
[X] Corrosivity	[ ]	[X]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH



E.C. JORDAN CO.

92021590 (o)

SURFACE SOIL SAMPLE DATA RECORD

Project: NYSDEC / PSA-6
Project Number: 7083-30
Sample Location ID: SAWT106XXX92XX
Time: Start: 1410 End: 1445

Site: SCW Atlas
Date: 10-28-92
Signature of Sampler: Shelley Pressley Jayme Connolly

waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 6-12"

EQUIPMENT USED FOR COLLECTION:
[ ] HAND AUGER
[ ] S.S. SPLIT SPOON
[ ] SHOVEL
[X] HAND SPOON
[ ] ALUMINUM PANS
[X] SS BUCKET
[X] PICK

TYPE OF SAMPLE COLLECTED:
[X] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR
[X] COLOR white / lgt Gray
[ ]

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

SOIL TYPE:
[ ] CLAY
[X] SAND
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [X] FIELD DUPLICATE COLLECTED
DUPLICATE ID WT-106-DUP
SAWT106XXX92XD

SAMPLE LOCATION SKETCH:
[X] YES
[ ] NO

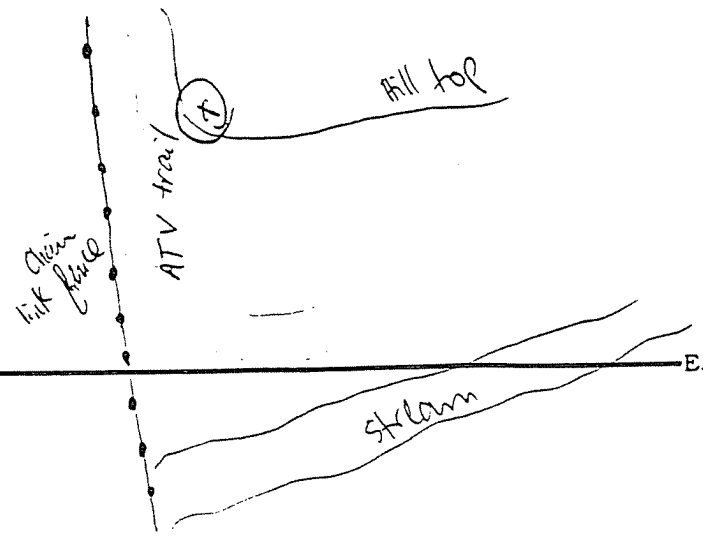
PID Reading Background

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: waste	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[ ] VOCs	[ ]	[ ]	[ ]	2-4oz glass	[✓]	
[ ] SVOCs	[ ]	[ ]	[ ]	1-8oz amber	[✓]	
[ ] Inorg + Cyn	[ ]	[ ]	[ ]	1-8oz amber	[✓]	
[ ] EP tox metals	[ ]	[✓]	[ ]	1-8oz amber	[ ]	
[ ] Corrosivity	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH
(*) Dup taken at this Sample

Description:



SURFACE SOIL SAMPLE DATA RECORD

Project: LNSDEC/BSA-16
Project Number: 2083-30
Sample Location ID: SAWT107XXX92XX
(*) Time: Start: 1300 End: 1340

Site: SKW Alloys
Date: 10/29/92
Signature of Sampler: JC & TH

(*) **SOIL SAMPLE**

DEPTH OF SAMPLE 6"-12"

EQUIPMENT USED FOR COLLECTION:
[ ] HAND AUGER
[ ] S.S. SPLIT SPOON
[ ] SHOVEL
[X] HAND SPOON
[ ] ALUMINUM PANS
[X] SS BUCKET
[ ] _____

TYPE OF SAMPLE COLLECTED:
[X] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[X] COLOR Grey
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

SOIL TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL
Gravelly Sand

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
[ ] YES
[X] NO

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT/SOIL/WASTE	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[X] VOC	[ ]	[X]	[ ]	2 40z Glass	[X]	/ / / /
[X] SVOC	[ ]	[X]	[ ]	1 402 Amber Glass	[X]	/ / / /
[X] Inorg	[ ]	[X]	[ ]	1 402 amber glass	[X]	/ / / /
[X] EP TOX	[ ]	[X]	[ ]	1 402 amber glass	[X]	/ / / /
[X] Cyanide	[ ]	[ ]	[ ]	1 402 amber glass	[X]	/ / / /
[X] Cr+6	[ ]	[ ]	[ ]		[ ]	/ / / /
[ ]	[ ]	[ ]	[ ]		[ ]	/ / / /

NOTES/SKETCH

WT-10792

SURFACE SOIL SAMPLE DATA RECORD

Project: NYSDEC - PSA-1C
Project Number: 7083-30
Sample Location ID: SAUST108XXX92XX
(*) Time: Start: 1350 End: 1405

Site: SKW Alloys
Date: 10/29/92
Signature of Sampler: [signature]

(*) **SOIL SAMPLE**

DEPTH OF SAMPLE 6"-12"

EQUIPMENT USED FOR COLLECTION:
- [ ] HAND AUGER
- [X] S.S. SPLIT SPOON
- [ ] SHOVEL
- [X] HAND SPOON
- [ ] ALUMINUM PANS
- [X] SS BUCKET
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [X] DISCRETE
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR _____
- [X] COLOR Grey
- [ ] _____

DECONTAMINATION FLUIDS USED:
- [✓] ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [X] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [ ] CLAY
- [X] SAND
- [ ] ORGANIC
- [ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
- [ ] YES
- [ ] NO

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	MATRIX: Soil	MATRIX: Waste	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[X] VOC	[ ]	[ ]	[X]		[ ]	2 40z Glass	[X]	
[X] SVOC	[ ]	[ ]	[X]		[ ]	1 8 oz Amber Glass	[X]	
[X] Inorgs	[ ]	[ ]	[X]		[ ]	1 8 oz Amber Glass	[X]	
[X] EP Tox Pb	[ ]	[ ]	[X]		[ ]	1 8 oz Amber Glass	[X]	
[X] Reactivity Cr+6	[ ]	[ ]	[X]		[ ]	1 8 oz Amber Glass	[X]	
[ ]	[ ]	[ ]	[ ]		[ ]		[ ]	

NOTES/SKETCH

WT-108-92

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC / PSA-6
Project Number: 7083-30
Sample Location ID: SALT101XXX92XX
Time: Start: 1350 End: 1410

Site: SKW Alloys
Date: 10/26/92
Signature of Sampler: Shelley Pressley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
X Leachate

WATER DEPTH AND SAMPLE LOCATION _____ (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 0-3 (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____
X Bailer

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 11.6 Deg. C. SPEC. COND. 2930 µmhos/cm pH 6.24 Units DISS. O_2 N/A ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
[ ] YES
[X] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

N/A

DEPTH OF SEDIMENT SAMPLE _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[ ] DEIONIZED WATER
[ ] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[ ]	[✓]	2 - 40 ml	[✓]	/ / /
[✓] SVOC	[✓]	[ ]	[✓]	1 - 80 oz	[✓]	/ / /
[✓] Inorg	[✓]	[ ]	[ ]	2 - 1 liter plastic	[✓]	/ / /
[✓] hex chrome	[✓]	[ ]	[✓]	1 - 1 liter plastic	[✓]	/ / /
[✓] EP Tox	[✓]	[✓]	[✓]	1 - 1 liter plastic	[✓]	/ / /
[ ]	[ ]	[ ]	[ ]		[ ]	/ / /
[ ]	[ ]	[ ]	[ ]		[ ]	/ / /

NOTES/SKETCH

Leachate sample collected from standpipe with bailer
Sampled by G. Douglas and S. Pressley

Sample time: 1400

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6 Site: SKW Alloys
Project Number: 7083-30 Date: 11/17/92
Sample Location ID: LT-101-92
Time: Start: _____ End: _____ Signature of Sampler: BK Butler

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
x Leachate

WATER DEPTH AND SAMPLE LOCATION [redacted] (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 0-3 (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____
x Bailer

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[x] DEIONIZED WATER
[x] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[x] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 8.9 Deg. C. SPEC. COND. 2820 µmhos/cm pH 8.78 Units DISS. O_2 3.46 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED Eh = 2mv
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
[ ] YES
[x] NO

METHOD USED:
[ ] WINKLER
[x] PROBE

SEDIMENT INFORMATION

N/A

DEPTH OF SEDIMENT SAMPLE _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[ ] DEIONIZED WATER
[ ] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] Reactivity	[✓]	[ ]	[ ]	1-1qt Plastic	[✓]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____

NOTES/SKETCH

Reactivity Sample collected. Lab did not perform this analysis at the time other analyses were performed.

Sample ISIS Code SALT001 XXX92XX.

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6 Site: SKW Alloys
Project Number: 7083-30 Date: 10/26/92
Sample Location ID: [redacted]LT-102[redacted] Signature of Sampler: Shelley Pressley
Time: Start: 1425 End: 1450

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
X Leachate

WATER DEPTH AND SAMPLE LOCATION 11.5 (ft) from inner lip

DEPTH OF SAMPLE FROM TOP OF WATER 0-3 (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP
X Bailer

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD

TEMPERATURE 11.6 Deg. C. SPEC. COND. 746 µmhos/cm pH 6.26 Units DISS. O_2 N/A ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID

SAMPLE LOCATION SKETCH:
[ ] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE (ft)

N/A

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ]

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[ ] DEIONIZED WATER
[ ] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

SAMPLE OBSERVATIONS:
[ ] ODOR
[ ] COLOR
[ ]

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[ ]	[ ]	2-40 mL	[✓]	
[✓] SVOC, Inorg	[✓]	[ ]	[ ]	1-80 oz	[✓]	
[✓] Hexchrome	[✓]	[ ]	[ ]	2-1L Plas.	[✓]	
[✓] EP Tox	[✓]	[ ]	[✓]	1-1L Plas	[✓]	
[ ]	[✓]	[ ]	[✓]	1-1L Plas	[✓]	
[ ]	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH

Leachate sample collected from stand pipe with bailer

Sampled by G Daukas and S. Pressley Sample Time: 1435

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC
Project Number: 7083-30
Sample Location ID: [redacted]LT-102[redacted]
Time: Start: _____ End: _____

Site: SKW Alloys
Date: ~~Nov~~ 11/18/92
Signature of Sampler: BK Butler

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
x Leachate

WATER DEPTH AND SAMPLE LOCATION — (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 0-3 (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____
X Bailer

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
X DEIONIZED WATER
X LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
X POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 5.6 Deg. C. SPEC. COND. 441 µmhos/cm pH 8.91 Units DISS. O_2 9.2 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

Eh = 199

SAMPLE LOCATION SKETCH:
[ ] YES
[ ] NO

METHOD USED:
[ ] WINKLER
X PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[ ] DEIONIZED WATER
[ ] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

N/A

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] Reactivity	[✓]	[ ]	[ ]	1-1qt Plastic	[✓]	____/____/____/____
[ ]	[ ]	[ ]	[ ]	_____	[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]	_____	[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]	_____	[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]	_____	[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]	_____	[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]	_____	[ ]	____/____/____/____

NOTES/SKETCH

Reactivity sample not collected. Laboratory did not perform this analysis at the time other analyses were performed.

Sample ISIS code SALT002XXX92XX

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: PSA-6 NYSDEC
Project Number: 7083-30
Sample Location ID: SALT 103xxx 92xx
Time: Start: 1520 End: _____

Site: SKW Alloys
Date: 10/26/92
Signature of Sampler: Shelly Pressley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
x Leachate

WATER DEPTH AND SAMPLE LOCATION 20.0 (ft) (depth to water)

DEPTH OF SAMPLE FROM TOP OF WATER 0-3 (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP
x Bailer

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[x] DEIONIZED WATER
[x] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[x] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 12.3 Deg. C. SPEC. COND. 940 µmhos/cm pH 6.00 Units DISS. O_2 N/A ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
[ ] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[x] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE _____ (ft)

N/A

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[ ] DEIONIZED WATER
[ ] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓]	[✓]	[ ]	[ ]	2-40 ml	[✓]	
[✓]	[✓]	[ ]	[ ]	1-500g	[✓]	
[✓]	[✓]	[ ]	[ ]	1-1qt plas.	[✓]	
[✓]	[✓]	[ ]	[✓]	1-1qt plas	[✓]	
[✓]	[✓]	[ ]	[✓]	2-1qt plas	[✓]	
[ ]	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH

Sample time: 1520

Sample was collected from leachate collection system stand pipe.

Collected by G Dawkins and S. Pressley.

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: LT-103
Time: Start: _____ End: _____

Site: Skw Alloys
Date: 11/18/92
Signature of Sampler: BK Butler

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
x Leachate

WATER DEPTH AND SAMPLE LOCATION — (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 0 - 3 (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP
x Bailer

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 8.4 Deg. C. SPEC. COND. 316 µmhos/cm pH 8.43 Units DISS. O_2 9.4 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

Eh = 140

SAMPLE LOCATION SKETCH:
[ ] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[ ] DEIONIZED WATER
[ ] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

N/A

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] Reactivity	[✓]	[ ]	[ ]	1-1qt Plas	[✓]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____
[ ]	[ ]	[ ]	[ ]		[ ]	____/____/____/____

NOTES/SKETCH

Reactivity sample was collected. Laboratory did not perform this analysis at the time other analyses were performed.

Sample ISIS code SALT003XXX92XX

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: SKW Alloys
Project Number: 7083-30 MA
Sample Location ID: SA LT001 XXX92XX
Time: Start: 1015 End: 1040

Site: LT-001
Date: 1/14/93
Signature of Sampler: BK Burtch

Water Level/Well Data

Well Depth N/A Ft. ___ Measured ___ Historical

___ Top of Well ___ Top of Protective Casing ___ ___

Well Riser Stick-up _____ Ft. (from ground)

Protective _____ Ft. Casing/Well Difference

Protective _____ Ft. Casing

Depth to Water N/A Ft.

Well Material: ___ PVC ___ SS Concrete

Well Locked?: ___ Yes X No

Well Dia. ___ 2 inch ___ 4 inch ___ 6 inch X Sump- 4' diam

Water Level Equip. Used: ___ Elect. Cond. Probe ___ Float Activated ___ Press. Transducer X None

Height of Water Column N/A Ft. X ___ .16 Gal/Ft (2 in.) ___ .65 Gal/Ft (4 in.) ___ 1.5 Gal/Ft (6 in.) ___ ___ Gal/Ft (___ in.) =

___ Gal/Vol

___ Total Gal Purged

Well Integrity:

	Yes	No
Prot. Casing Secure	___	___
Concrete Collar Intact	___	___
Other _____	___	___

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
___	___	Penstaltic Pump	
___	___	Submersible Pump	
___	X	Bailer	Teflon
___	___	PVC/Silicon Tubing	
___	___	Teflon/Silicon Tubing	
___	___	Airlift	
___	___	Hand Pump	
___	___	In-line Filter	
___	___	Press/Vac Filter	
___	X	YSI 3580	H8000414

Decontamination Fluids Used:

(✓ All That Apply at Location)

___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
X Deionized Water
X Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None
___ _____
___ _____

Field Analysis Data

Ambient Air VOC N/A ppm Well Mouth N/A ppm Field Data Collected ___ In-line X In Container

Sample Observations: X Turbid ___ Clear ___ Cloudy ___ Colored ___ Odor

Purge Data	@ 0 Gal.	@ ____ Gal.	@ ____ Gal.	@ ____ Gal.	@ ____ Gal.
Temperature, Deg. C	4.7				
pH, units	8.12				
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	3,260				
Oxidation - Reduction, +/- mv	+114				
Dissolved Oxygen, ppm	N/A				

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
Reactivity	___	None	1-L	✓	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___

Notes: - Leachate collection sump resampled for reactivity only.
- Water level in sump even with ground surface
- Generally clear water, turned brown during sampling due to disturbed sediment.

9202081D (a)

Time of collection = 1030

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: SKW Alloys
Project Number: 7053-30
Sample Location ID: SALT002XXX92XX
Time: Start: 1040 End: 1050
Site: LT-002
Date: 1/14/93
Signature of Sampler: BK Butch

Water Level/Well Data

Well Depth N/A Ft. ___ Measured ___ Historical
___ Top of Well ___ Top of Protective Casing ___ ___
Well Riser Stick-up ___ Ft. (from ground)
Protective ___ Ft. Casing/Well Difference
Protective ___ Ft. Casing

Depth to Water N/A Ft.
Well Material: ___ PVC ___ SS Concrete
Well Locked?: ___ Yes X No
Well Dia. ___ 2 inch ___ 4 inch ___ 6 inch X Sump- 2' diameter
Water Level Equip. Used: ___ Elect. Cond. Probe ___ Float Activated ___ Press. Transducer X None

Height of Water Column N/A Ft. X ___ .16 Gal/Ft. (2 in.) ___ .65 Gal/Ft. (4 in.) ___ 1.5 Gal/Ft. (6 in.) ___ ___ Gal/Ft. (___ in.) = ___ Gal/Vol ___ Total Gal Purged

Well Integrity:	Yes	No
Prot. Casing Secure	___	___
Concrete Collar Intact	___	___
Other ___	___	___

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
___	___	Peristaltic Pump	___
___	___	Submersible Pump	___
___	X	Bailer	Bailer-Teflon
___	___	PVC/Silicon Tubing	___
___	___	Teflon/Silicon Tubing	___
___	___	Airlift	___
___	___	Hand Pump	___
___	___	In-line Filter	___
___	___	Press/Vac Filter	___
___	X	YSI 3580	HEC00114

Decontamination Fluids Used: (✓ All That Apply at Location)
___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
X Deionized Water
X Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None
___ ___
___ ___

Field Analysis Data

Ambient Air VOC N/A ppm Well Mouth N/A ppm Field Data Collected ___ In-line X In Container
Sample Observations: X Turbid ___ Clear ___ Cloudy X Colored ___ Odor

Purge Data	@ 0 Gal.	@ ___ Gal.	@ ___ Gal.	@ ___ Gal.	@ ___ Gal.
Temperature, Deg. C	7.2				
pH, units	8.07				
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	9,430				
Oxidation - Reduction, +/- mv	+26				
Dissolved Oxygen, ppm	N/A				

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
Reactivity	___	None	1-L	✓	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___

Notes: - Leachate collection sump resampled for reactivity only
- Yellow clear water, turned brown, turbid during sampling due to disturbed sediment

9202081D (a)

Time of collection = 1045

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: SKW A11045
Project Number: 7083-30 +03 KM
Sample Location ID: SALTCC3XXX92XX
Time: Start: 1050 End: 1100

Site: LT-003
Date: 1/14/93
Signature of Sampler: BK Butler

Water Level/Well Data

Well Depth N/A Ft. ___Measured ___Historical
___Top of Well ___Top of Protective Casing ___ ___
Well Riser Stick-up _____ Ft. (from ground)
Protective _____ Ft. Casing/Well Difference
Protective _____ Ft. Casing

Depth to Water N/A Ft.
Well Material: ___PVC ___SS Concrete
Well Locked?: ___Yes X No
Well Dia. ___2 inch ___4 inch ___6 inch X Sump 2 Discrete
Water Level Equip. Used: ___Elect. Cond. Probe ___Float Activated ___Press. Transducer X None

Height of Water Column N/A Ft. X ___.16 Gal/Ft (2 in.) ___.65 Gal/Ft (4 in.) ___1.5 Gal/Ft (6 in.) ___ ___ Gal/Ft (___in.) = ___Gal/Vol ___Total Gal Purged

Well Integrity: Prot. Casing Secure Yes ___ No ___; Concrete Collar Intact Yes ___ No ___; Other _____ Yes ___ No ___

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
___	___	Peristaltic Pump	
___	___	Submersible Pump	
___	X	Bailer	Teflon
___	___	PVC/Silicon Tubing	
___	___	Teflon/Silicon Tubing	
___	___	Airlift	
___	___	Hand Pump	
___	___	In-line Filter	
___	___	Press/Vac Filter	
___	X	YSI 3580	HE600114

Decontamination Fluids Used:

(✓ All That Apply at Location)
___Methanol (100%)
___25% Methanol/75% ASTM Type II water
X Deionized Water
X Liquinox Solution
___Hexane
___HNO_3/D.I. Water Solution
___Potable Water
___None
___ _____
___ _____

Field Analysis Data

Ambient Air VOC N/A ppm Well Mouth N/A ppm Field Data Collected ___In-line X In Container

Sample Observations: X Turbid ___Clear ___Cloudy X Colored ___Odor

Purge Data @ 0 Gal.	@ ___ Gal.	@ ___ Gal.	@ ___ Gal.	@ ___ Gal.	@ ___ Gal.
Temperature, Deg. C	8.3				
pH, units	8.10				
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	4,790				
Oxidation - Reduction, +/- mv	+70				
Dissolved Oxygen, ppm	N/A				

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
Reactivity	___	None	1-L	X	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___
___	___	___	___	___	___/___/___/___

Notes: - leachate collection sump resampled for reactivity only
- slightly yellow clear water, turned sl. turbid during sampling due to disturbed sediment.

9202081D (a)

Time of collection = 1055

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6 Site: SKW Alloys
Project Number: 7083-30 Date: 10/27/92
Sample Location ID: SW/SD - 101 - 92
Time: Start: 1539 End: 1610 Signature of Sampler: S Pressley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[X] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

WATER DEPTH AND SAMPLE LOCATION 7"-8" [X]

DEPTH OF SAMPLE FROM TOP OF WATER 0-5" [X]

EQUIPMENT USED FOR COLLECTION:
[X] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD No Flow

TEMPERATURE 9.8 Deg. C. SPEC. COND. 1280 ~~µmhos/cm~~ mS/cm pH 10.01 Units DISS. O_2 7.72 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID

SAMPLE LOCATION SKETCH:
[X] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE 0-3" [X]

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[X] HAND SPOON
[ ] ALUMINUM PANS
[X] SS BUCKET
[ ]

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[X] COMPOSITE

SEDIMENT TYPE:
[ ] CLAY
[X] SAND
[ ] ORGANIC
[ ] GRAVEL

SAMPLE OBSERVATIONS:
[ ] ODOR
[X] COLOR Brown
[ ]

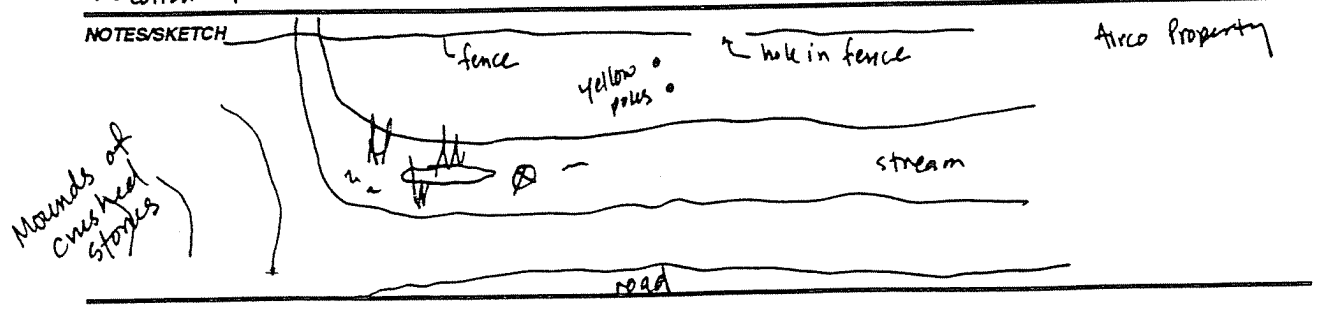
FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID

PID Reading background

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] EPTox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH



SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: SW/SD - 101-92
Time: Start: 1235 End: _____

Site: SKW Alloys
Date: 11/18/92
Signature of Sampler: BK Butler

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[X] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP

WATER DEPTH AND SAMPLE LOCATION 0-3" ~~DS~~

DEPTH OF SAMPLE FROM TOP OF WATER _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD No Flow

TEMPERATURE 3.8 Deg. C. SPEC. COND. 372 µmhos/cm pH 9.08 Units DISS. O_2 3.9 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

Eh = 8.0

SAMPLE LOCATION SKETCH:
[ ] YES
[X] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE _____ (ft)

N/A

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

N/A

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID/BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[ ]	[ ]		[ ]	
[✓] SVOC	[✓]	[ ]	[ ]		[ ]	
[✓] Inorg	[✓]	[ ]	[ ]		[ ]	
[✓] Cyanide	[✓]	[ ]	[ ]		[ ]	
[✓] Hex chrome	[ ]	[ ]	[ ]		[ ]	
[✓] EPTox Metals	[ ]	[ ]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH

Returned to location to collect data on DO and Eh.

No samples collected

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6 Site: SKW Alloys
Project Number: 7083-30 Date: 10/28/93
Sample Location ID: SW/SD-102-92
Time: Start: 1408 End: 1500 Signature of Sampler: Kathleen Murray

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[X] POND/LAKE [ ] SEEP

WATER DEPTH AND SAMPLE LOCATION 1.0 (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 1.0 (ft)

EQUIPMENT USED FOR COLLECTION:
[X] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD None

TEMPERATURE 7.4 Deg. C. SPEC. COND. 0.472 mmhos/cm pH 12.2 Units DISS. O_2 6.0 ppm

FIELD GC DATA: [X] FIELD DUPLICATE COLLECTED
DUPLICATE ID SW/SD-102-DUP
SW/SD-102 MS/MSD

SAMPLE LOCATION SKETCH:
[ ] YES
[X] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE 2.0 (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[X] SS BUCKET
[X] Hand Auger

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[X] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR
[X] COLOR Brown & Orange
[ ] with white

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

SEDIMENT TYPE:
[X] CLAY
[ ] SAND
[X] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [X] FIELD DUPLICATE COLLECTED
DUPLICATE ID SW/SD-102-DUP
SW/SD-102-MS/MSD

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] EPTox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH

Duplicate and MS/MSD Collected

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: SW/SD - 102-92
Time: Start: 1022 End:

Site: SKW Alloys
Date: 11/18/93
Signature of Sampler: [signature]

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[X] POND/LAKE [ ] SEEP

WATER DEPTH AND SAMPLE LOCATION 1.0 (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 1.0 (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD None

TEMPERATURE 1.4 Deg. C. SPEC. COND. 338 µmhos/cm pH 11.13 Units DISS. O_2 6.1 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID

Eh = 118

SAMPLE LOCATION SKETCH:
[ ] YES
[X] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

N/A

DEPTH OF SEDIMENT SAMPLE (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ]

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

SAMPLE OBSERVATIONS:
[ ] ODOR
[ ] COLOR
[ ]

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID

SAMPLES COLLECTED

N/A

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[X]	[X]	[ ]		[ ]	
[✓] SVOC	[X]	[X]	[ ]		[ ]	
[✓] Inorg	[X]	[X]	[ ]		[ ]	
[✓] Cyanide	[X]	[X]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[X]	[ ]		[ ]	
[✓] EP Tox Metals	[ ]	[X]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[X]	[ ]		[ ]	

NOTES/SKETCH

Returned to location to collect data on DO and Eh.
No samples Collected.

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: SW/SD - 103-92
Time: Start: 1430 End: 1500

Site: SKW Alloys
Date: 10/29/92
Signature of Sampler: S Pressley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
X Wetland

WATER DEPTH AND SAMPLE LOCATION 3"

DEPTH OF SAMPLE FROM TOP OF WATER Surface - 0-2"

EQUIPMENT USED FOR COLLECTION:
[X] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD None

TEMPERATURE 10.3 Deg. C. SPEC. COND. 19 µmhos/cm pH 7.5 Units DISS. O_2 4.6 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID N/A

SAMPLE LOCATION SKETCH:
[X] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE N/A (ft)

Side of bank of wetland area which SW sample was collected.

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[X] HAND SPOON
[ ] ALUMINUM PANS
[X] SS BUCKET
[ ]

TYPE OF SAMPLE COLLECTED:
[X] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR None
[X] COLOR greyish/brown
[ ]

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

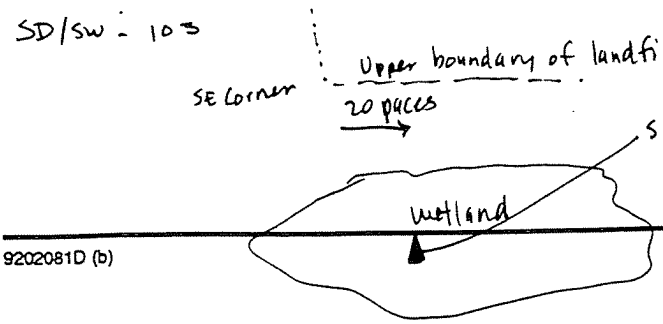
SEDIMENT TYPE:
[ ] CLAY
[X] SAND - silty/sand (some white ash waste as in soil sample collected)
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID N/A

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] EPTox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH



SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6 Site: SKW Alloys
Project Number: 7083-30 Date: 11/18/92
Sample Location ID: SW/SD -
Time: Start: ~~1330~~ 1300 End: Signature of Sampler: BK Butler

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
X wetland

WATER DEPTH AND SAMPLE LOCATION _____ (ft)

DEPTH OF SAMPLE FROM TOP OF WATER _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 4.0 Deg. C. SPEC. COND. 259 µmhos/cm pH 7.94 Units DISS. O_2 7 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

Eh = 130mv

SAMPLE LOCATION SKETCH:
[ ] YES
[X] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

N/A

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

N/A

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] EP Tox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH

Returned to location to collect DO and Eh data.
No samples collected

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: SW/SD - 104-92
Time: Start: 1655 End: 1730

Site: SKW Alloys
Date: 10/27/92
Signature of Sampler: S. Pressley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[X] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
(drainage ditch)

WATER DEPTH AND SAMPLE LOCATION ~6"

DEPTH OF SAMPLE FROM TOP OF WATER 0-3"

EQUIPMENT USED FOR COLLECTION:
[X] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP

DECONTAMINATION FLUIDS USED:
[✓] ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD Stagnant

TEMPERATURE 10.5 Deg. C. SPEC. COND. 9.75 µmhos/cm pH 12.4 Units DISS. O_2 0.9 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID

SAMPLE LOCATION SKETCH:
[X] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE 0-6" (X)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[X] HAND SPOON
[ ] ALUMINUM PANS
[X] SS BUCKET
[ ]

DECONTAMINATION FLUIDS USED:
[✓] ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[X] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR
[X] COLOR white/yellowish
[ ]

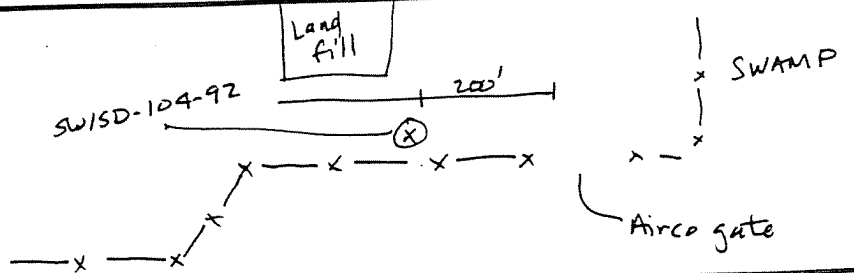
SEDIMENT TYPE:
[X] CLAY
[ ] SAND Very soft
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID PID reading background

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] EPTox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH



SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: SW/SD -
Time: Start: 1210 End: _____

Site: SKW Alloys
Date: 11/18/93
Signature of Sampler: BK Butler

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[X] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP, Drainage ditch

WATER DEPTH AND SAMPLE LOCATION ~6" (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 0-3" (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD Stagnant

TEMPERATURE 7.4° Deg. C. SPEC. COND. 4.66 on 20 scale µmhos/cm pH 12.8 Units DISS. O_2 1.1 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED Eh = -53
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
[ ] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[ ] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

N/A

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

N/A

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID/BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[ ]	[ ]		[ ]	
[✓] SVOC	[✓]	[ ]	[ ]		[ ]	
[✓] Inorg	[✓]	[ ]	[ ]		[ ]	
[✓] Cyanide	[✓]	[ ]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[ ]	[ ]		[ ]	
[✓] EP Tox Metals	[ ]	[ ]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH

Returned to location to collect DO and Eh data
No samples collected

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: SW/SD-105-92
Time: Start: 1515 End: 1530

Site: SKW Alloys
Date: 10/29/92
Signature of Sampler: S. Pressley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
x wetland

WATER DEPTH AT SAMPLE LOCATION 4" (ft)

DEPTH OF SAMPLE FROM TOP OF WATER _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[x] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[x] DEIONIZED WATER
[x] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[x] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 0.8 Deg. C. SPEC. COND. 26 µmhos/cm pH 7.2 Units DISS. O_2 2.25 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
[x] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[x] PROBE

Swampy Odor w/ organic sheen

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE N/A (ft)

Side back from wetland area (0-3")

SASD105xxx92xx

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPUT SPOON
[ ] DREDGE
[x] HAND SPOON
[ ] ALUMINUM PANS
[x] SS BUCKET
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[x] DEIONIZED WATER
[x] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[x] POTABLE WATER
[ ] NONE

TYPE OF SAMPLE COLLECTED:
[x] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[x] ODOR Swampy
[x] COLOR Greyish w/ some black
[ ] _____

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[x] ORGANIC
[ ] GRAVEL
X silty

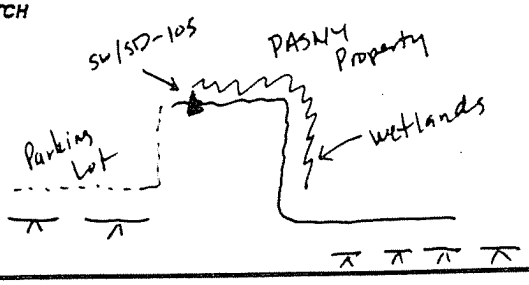
FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID N/A

deeper color changed to dark brown

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] EPTox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH



SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6 Site: SKW Alloys
Project Number: 7083-30 Date: 11/18/93
Sample Location ID: SW/SD -
Time: Start: 1310 End: Signature of Sampler: BK Butler

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
x wetland

WATER DEPTH AND SAMPLE LOCATION 4" B

DEPTH OF SAMPLE FROM TOP OF WATER _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 0.9° Deg. C. SPEC. COND. 618 µmhos/cm pH 6.33 Units DISS. O_2 9.8 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED Eh = 143
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
[ ] YES
[X] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE _____ (ft)

N/A

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

N/A

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] ~~EP~~ Tox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH

Returned to location to collect DO and Eh data.

No samples collected.

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: SW/SD - 106 - 92
Time: Start: 1320 End: 1345

Site: SKW Alloys
Date: 10/29/92
Signature of Sampler: S. Russley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
X standing water

WATER DEPTH AND SAMPLE LOCATION 4"

DEPTH OF SAMPLE FROM TOP OF WATER 0-2"

EQUIPMENT USED FOR COLLECTION:
[X] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD None

TEMPERATURE 11.4 Deg. C. SPEC. COND. 23 µmhos/cm pH 11.5 Units DISS. O_2 6.05 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID N/A

SAMPLE LOCATION SKETCH:
[X] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[X] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE 3"

SASD 106 XXX92XX

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[X] HAND SPOON
[ ] ALUMINUM PANS
[X] SS BUCKET
[ ] _____

TYPE OF SAMPLE COLLECTED:
[X] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[X] COLOR White
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

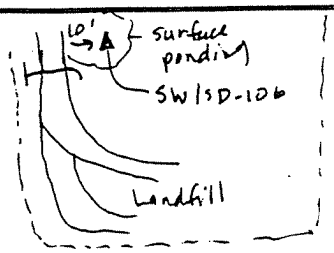
SEDIMENT TYPE:
[ ] CLAY
[X] SAND - fine
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID N/A

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] EPTox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH



SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: SW/SD -
Time: Start: 1130 End: _____

Site: SKW Alloys
Date: 11/10/92
Signature of Sampler: [signature]

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
[ ] STREAM [ ] RIVER
[ ] POND/LAKE [ ] SEEP
x Standing water

WATER DEPTH AND SAMPLE LOCATION 4 (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 0-2" (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] NONE, GRAB INTO BOTTLE
[ ] BOMB SAMPLER
[ ] PUMP _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

VELOCITY MEASUREMENTS OBTAINED? [ ] YES, SEE FLOW MEASUREMENT DATA RECORD _____

TEMPERATURE 5.0 Deg. C. SPEC. COND. 2.59 (on 20 scale) µmhos/cm pH 12.4 Units DISS. O_2 5.9 ppm

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

Eh = -12

SAMPLE LOCATION SKETCH:
[ ] YES
[ ] NO

METHOD USED:
[ ] WINKLER
[ ] PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE _____ (ft)

EQUIPMENT USED FOR COLLECTION:
[ ] GRAVITY CORER
[ ] S.S. SPLIT SPOON
[ ] DREDGE
[ ] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[X] POTABLE WATER
[ ] NONE

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR _____
[ ] _____

SEDIMENT TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] VOC	[✓]	[✓]	[ ]		[ ]	
[✓] SVOC	[✓]	[✓]	[ ]		[ ]	
[✓] Inorg	[✓]	[✓]	[ ]		[ ]	
[✓] Cyanide	[✓]	[✓]	[ ]		[ ]	
[✓] Hex Chrome	[ ]	[✓]	[ ]		[ ]	
[✓] EPTox Metals	[ ]	[✓]	[ ]		[ ]	
[✓] Corrosivity	[ ]	[✓]	[ ]		[ ]	

NOTES/SKETCH

Returned to location to collect Eh and DO data.

No samples taken.

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7093-30
Sample Location ID: MW-1
Time: Start: 0935 End: 1100

Site: SKW Alloys Site
Date: 11/17/92
Signature of Sampler: Brian Butler

Water Level/Well Data

Well Depth 17.10 Ft. — X Measured / ___ Historical
Top of Well / X Top of Protective Casing
Well Riser Stick-up 4.02 Ft. (from ground)
Protective Casing/Well Difference 0.06 Ft.
Protective Casing 4.08 Ft.

Depth to Water 7.33 Ft.
Well Material: X PVC / ___ SS / ___
Well Locked?: X Yes / ___ No
Well Dia. X 2 inch / ___ 4 inch / ___ 6 inch / ___
Water Level Equip. Used: X Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer / ___

Height of Water Column 9.77 Ft. X
X .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ ___ Gal/Ft. (___ in.)
= [1.56 Gal/Vol ; ___ Total Gal Purged]

Well Integrity:

	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other ___		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
X	X	Peristaltic Pump	05910-009
	X	Bailer	
X	X	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
		In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
X Deionized Water
X Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None

Field Analysis Data

Ambient Air VOC -1.5 ppm Well Mouth -1.5 ppm
Field Data Collected ___ In-line / X In Container
Sample Observations: ___ Turbid / X Clear / ___ Cloudy / ___ Colored / ___ Odor

Purge Data	@ 1.5 Gal.	@ 3 Gal.	@ 4.5 Gal.	@ 6 Gal.	@ ___ Gal.
Temperature, Deg. C	7.2	6.8	9.8	8.7	
pH, units	7.62	7.35	7.44	7.5	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1150	1160	1140	1020	
Oxidation - Reduction, +/- mv	6.0	41	84	80	
Dissolved Oxygen, ppm	3.3	2.5	~~390~~ 3.7	3.3	
Turbidity (NTU's)	30	34	290	104	

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	—	—	2-40ml	✓	
TCL SVOC	—	—	1-800z	✓	
TCL Inorg.	—	HNO_3	1qt plastic	✓	
TCL Cyanide	—	NaOH	"	✓	
Cr VI	—	—	"	✓	

Notes: Sample # SAMW XX1 X1392XX
Also collected MS/MSD and DUP at this location

9202C81D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7053-30
Sample Location ID: MW-1A
Time: Start: 0915 End: 1055

Site: SKW Alloys Site
Date: 11/17/92
Signature of Sampler: Brian Butler

Water Level/Well Data

Well Depth 9.92 Ft. Below top of riser
X Measured ___ Historical
___ Top of Well X Top of Protective Casing
Well Riser Stick-up 5.67 Ft. (from ground)
Protective ~~Casing~~ Casing/Well Difference -0.09 Ft.
Protective Casing 5.76 Ft.

Depth to Water 6.19 Ft.
Well Material: X PVC ___ SS
Well Locked?: X Yes ___ No
Well Dia. X 2 inch ___ 4 inch ___ 6 inch
Water Level Equip. Used: X Elect. Cond. Probe ___ Float Activated ___ Press. Transducer

Height of Water Column 3.73 Ft. X X .16 Gal/Ft. (2 in.) ___ .65 Gal/Ft. (4 in.) ___ 1.5 Gal/Ft. (6 in.) ___ ___ Gal/Ft. (___ in.) = 0.60 Gal/Vol ___ Total Gal Purged

Well Integrity: Yes / No
Prot. Casing Secure: X / ___
Concrete Collar Intact: X / ___
Other: ___ / ___

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
X	X	Peristaltic Pump	05910-009
___	X	Bailer	___
X	X	PVC/Silicon Tubing	___
___	___	Teflon/Silicon Tubing	___
___	___	Airlift	___
___	___	Hand Pump	___
___	___	In-line Filter	___
___	___	Press/Vac Filter	___
___	___	Submersible Pump	___
___	___		___

Decontamination Fluids Used:

(✓ All That Apply at Location)
___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
X Deionized Water
X Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None
___ ___
___ ___

Field Analysis Data

Ambient Air VOC 3.5 ppm Well Mouth 6.1 ppm Field Data Collected ___ In-line X In Container

Sample Observations: ___ Turbid ___ Clear ___ Cloudy ___ Colored ___ Odor

Purge Data	@ 2.5 Gal.	@ ___ Gal.	@ ___ Gal.	@ ___ Gal.	@ ___ Gal.
Temperature, Deg. C	6.9°C				
pH, units	10.59				
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	2500				
Oxidation - Reduction, +/- mv	-128				
Dissolved Oxygen, ppm	1.0 mg/L				
Turbidity (NTU's)	8				

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	___	___	2x40ml	✓	___
TCL SVOC	___	___	1x1L	✓	___
TCL Inorg.	___	HNO_3	1qt Plas.	✓	___
TCL Cyanide	___	NaOH	1qt Plas.	✓	___
Cr VI	___	___	1qt Plas.	✓	___
___	___	___	___	___	___
___	___	___	___	___	___
___	___	___	___	___	___
___	___	___	___	___	___

Notes: Methane odor
Sample # SAMWX1AX0592XX

9202081D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7053-30
Sample Location ID: MW-4A
Time: Start: 1116 End: 1200
Site: SKW Alloys
Date: 11/17/92
Signature of Sampler: Brian Butler

Water Level/Well Data

Well Depth 12.68 Ft. — X Measured / ___ Historical
___ Top of Well / X Top of Protective Casing
Well Riser Stick-up 2.50 Ft. (from ground)
Protective -.19 Ft. Casing/Well Difference
Protective 2.69 Ft. Casing

Depth to Water 9.06 Ft.
Well Material: X PVC / ___ SS / ___
Well Locked?: X Yes / ___ No
Well Dia. X 2 inch / ___ 4 inch / ___ 6 inch / ___
Water Level Equip. Used: X Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer / ___

Height of Water Column 3.62 Ft. X
X .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ ___ Gal/Ft. (___ in.)
= 0.58 Gal/Vol ; ___ Total Gal Purged

Well Integrity:	Yes	No
Prot. Casing Secure	X	___
Concrete Collar Intact	X	___
Other ___	___	___

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
X	X	Peristaltic Pump	0591D-009
___	X	Bailer	___
X	X	PVC/Silicon Tubing	___
___	___	Teflon/Silicon Tubing	___
___	___	Airlift	___
___	___	Hand Pump	___
___	___	In-line Filter	___
___	___	Press/Vac Filter	___
___	___	Submersible Pump	___

Decontamination Fluids Used:

(✓ All That Apply at Location)
___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
X Deionized Water
X Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None
___ ___
___ ___

Field Analysis Data

Ambient Air VOC ___ ppm Well Mouth ___ ppm Field Data Collected ___ In-line / X In Container
Sample Observations: ___ Turbid / X Colored / ___ Clear / ___ Odor / ___ Cloudy

Purge Data	@ 1well Vol Gal.	@ 2well Vols Gal.	@ 3well Vols Gal.	@ 4well Vols Gal.	@ ___ Gal.
Temperature, Deg. C	10.4	11.1	9.2	11.1	
pH, units	11.4	12.6	13.05	13.21	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	5230	10000	5700	5030	
Oxidation - Reduction, +/- mv	-16	-51	-63	-68	
Dissolved Oxygen, ppm	3.5	3.5	3.5	3.5	
Turbidity (NTU's)	3	2	2.0	2	

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	—	—	2-40ml	✓	___/___/___
TCL SVOC	—	—	1-1000z	✓	___/___/___
TCL Inorg.	—	HNO_3	1qt Plastic	✓	___/___/___
TCL Cyanide	—	NaOH	"	✓	___/___/___
Cr VI	—	—	"	✓	___/___/___
___	___	___	___	___	___/___/___
___	___	___	___	___	___/___/___
___	___	___	___	___	___/___/___

Notes: Water clear w/ yellowish color
Sample # SAMW4AX1092XX

9202081D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6 Site: SKW Alloys
Project Number: 7083-30 Date: 11/17/92
Sample Location ID: MW-14N
Time: Start: 1230 End: 1315 Signature of Sampler: Brian Butler

Water Level/Well Data

Well Depth 22.59 Ft. [X] Measured [ ] Historical
[ ] Top of Well [X] Top of Protective Casing
Well Riser Stick-up 2.75 Ft. (from ground)
Protective -0.84 Ft. Casing/Well Difference
Protective _____ Ft. Casing

Depth to Water 4.0 Ft.
Well Material: [X] PVC [ ] SS
Well Locked?: [X] Yes [ ] No
Well Dia. [X] 2 inch [ ] 4 inch [ ] 6 inch
Water Level Equip. Used: [X] Elect. Cond. Probe [ ] Float Activated [ ] Press. Transducer

Height of Water Column 18.59 Ft. X [X] .16 Gal/Ft. (2 in.) [ ] .65 Gal/Ft. (4 in.) [ ] 1.5 Gal/Ft. (6 in.) [ ] __ Gal/Ft. (__ in.) = 2.97 Gal/Vol; _____ Total Gal Purged

Well Integrity:

	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other _____		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
X	X	Peristaltic Pump	05910-009
	X	Bailer	
X	X	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
		In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
- [ ] Methanol (100%)
- [ ] 25% Methanol/75% ASTM Type II water
- [X] Deionized Water
- [X] Liquinox Solution
- [ ] Hexane
- [ ] HNO_3/D.I. Water Solution
- [ ] Potable Water
- [ ] None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth ____ ppm Field Data Collected [ ] In-line [X] In Container
Sample Observations: [ ] Turbid [X] Clear [ ] Cloudy [X] Colored [ ] Odor

Purge Data	@ 1 Vol ~~Gal.~~	@ 2Vol ~~Gal.~~	@ 3Vol ~~Gal.~~	@ 4Vol ~~Gal.~~	@ _____ Gal.
Temperature, Deg. C	10.7	10.6	10.6	10.9	
pH, units	6.35	6.74	6.88	6.95	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	841	855	853	859	
Oxidation - Reduction, +/- mv	-008	2	18	9	
Dissolved Oxygen, ppm	0.60	1.25	0.60	0.60	
Turbidity (NTU's)	113	9	5	4	

Sample Collection Requirements (✓ If Required at This Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	—	—	2-40 ml	✓	
TCL SVOC	—	—	1-1000z	✓	
TCL Inorg	—	HNO_3	1qt plas.	✓	
TCL Cyanide	—	NaOH	"	✓	
Cr VI	—	—	"	✓	

Notes: Cut lock and replaced w/ Master lock
Sample # SAMW14N x2092xx

92020810 (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: MW-5X
Time: Start: _____ End: 1600

Site: SKW Alloys Site
Date: 11/17/92
Signature of Sampler: Sharon Secovich

Water Level/Well Data

Well Depth 26.85 Ft. — X Measured / ___ Historical

Top of Well / X Top of Protective Casing

Well Riser Stick-up (from ground) 2.76 Ft.

Protective Casing/Well Difference 0.17 Ft.

Protective Casing _____ Ft.

Depth to Water 10.20 Ft.

Well Material: X PVC / X SS

Well Locked?: ___ Yes / X No

Well Dia.: X 2 inch / ___ 4 inch / ___ 6 inch

Water Level Equip. Used: X Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer

Height of Water Column 16.65 Ft. X

X .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ ___ Gal/Ft. (___ in.) =

2.66 Gal/Vol

_____ Total Gal Purged

Well Integrity:

	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other _____		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
X	X	Peristaltic Pump	05910-004
	X	Bailer	
X	X	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
		In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)

___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
X Deionized Water
X Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected ___ In-line / ___ In Container

Sample Observations: ___ Turbid / ___ Colored / ___ Clear / ___ Odor / ___ Cloudy

Purge Data	@ _____ Gal.	@ _____ Gal.	@ _____ Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	10.0	10.5	10.4	11.1	
pH, units	8.12	7.40	7.43	7.41	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	416	6.49	658	674	
Oxidation - Reduction, +/- mv	-74	-74	-41	-62	
Dissolved Oxygen, ppm	1.4	0.70	2	2	
Turbidity (NTU's)	off Meter*	744	132	74	

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	—	—	2@40ml	✓	
TCL SVOC	—	—	1-8oz	✓	
TCL Inorg.	—	HNO_3	1qt Plas	✓	
TCL Cyanide	—	NaOH	"	✓	
Cr VI	—	—	"	—	

Notes: * Water is an olive green murky color, not sediment, no odor, slight sheen on surface
Sample # SAMWX5AX292XX

9202081D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: MW-5A
Time: Start: _____ End: _____

Site: SKW Alloys Site
Date: 11/17/92
Signature of Sampler: Sharon Sercovich

Water Level/Well Data

Well Depth 9.5 Ft. — [X] Measured [ ] Historical

Top of Well [ ] / Top of Protective Casing [X]

Well Riser Stick-up (from ground) 2.55 Ft.

Protective Casing/Well Difference -0.15 Ft.

Protective Casing _____ Ft.

Depth to Water 4.17 Ft.

Well Material: [X] PVC [X] SS

Well Locked?: [ ] Yes [X] No

Well Dia. [X] 2 inch [ ] 4 inch [ ] 6 inch

Water Level Equip. Used: [X] Elect. Cond. Probe [ ] Float Activated [ ] Press. Transducer

Height of Water Column 5.33 Ft. X [X] .16 Gal/Ft. (2 in.) [ ] .65 Gal/Ft. (4 in.) [ ] 1.5 Gal/Ft. (6 in.) [ ] Gal/Ft. (in.) = 0.85 Gal/Vol

_____ Total Gal Purged

Well Integrity:

	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other _____		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
X	X	Peristaltic Pump	OSA10-009
	X	Bailer	
X	X	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
		In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)

- [ ] Methanol (100%)
- [ ] 25% Methanol/75% ASTM Type II water
- [X] Deionized Water
- [X] Liquinox Solution
- [ ] Hexane
- [ ] HNO_3/D.I. Water Solution
- [ ] Potable Water
- [ ] None
- [ ] _____
- [ ] _____

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected [ ] In-line [ ] In Container

Sample Observations: [ ] Turbid [ ] Clear [ ] Cloudy [ ] Colored [ ] Odor

Purge Data	@ _____ Gal.	@ _____ Gal.	@ _____ Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	9.2	9.4	9.2	8.9	
pH, units	7.76	7.87	7.95	8.01	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	620	550	537	528	
Oxidation - Reduction, +/- mv	-75	-83	-82	-78	
Dissolved Oxygen, ppm	1.0	1.4	.60	0.60	
Turbidity (NTU's)	21	16	7	7	

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	—	—	2-40ml	✓	
TCL SVOC	—	—	1-800ml	✓	
TCL Inorg	—	HNO_3	1 pt Plas.	✓	
TCL Cyanide	—	NaOH	"	✓	
Cr VI	—	—	"		

Notes: black colored water when first began pumping
Sample # SAMWXX5XX792XX

92020810 (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7083-30
Sample Location ID: MW-12A
Time: Start: 1600 End:

Site: SKW Alloys Site
Date: 11/17/92
Signature of Sampler: Sharon Serovich

Water Level/Well Data

Well Depth 7.0 Ft. — [X] Measured [ ] Historical

[ ] Top of Well [X] Top of Protective Casing

Well Riser Stick-up (from ground) 2.63 Ft.

Protective Casing/Well Difference -0.06 Ft.

Protective Casing _____ Ft.

Depth to Water 4.89 Ft.

Well Material: [X] PVC [ ] SS

Well Locked?: [ ] Yes [X] No

Well Dia. [X] 2 inch [ ] 4 inch [ ] 6 inch

Water Level Equip. Used: [X] Elect. Cond. Probe [ ] Float Activated [ ] Press. Transducer

Height of Water Column 2.11 Ft. X [X] .16 Gal/Ft. (2 in.) [ ] .65 Gal/Ft. (4 in.) [ ] 1.5 Gal/Ft. (6 in.) [ ] Gal/Ft. (in.) = 0.34 Gal/Vol _____ Total Gal Purged

Well Integrity:

	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
X	X	Peristaltic Pump	05A10-004
	X	Bailer	
X	X	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
		In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)

- [ ] Methanol (100%)
- [ ] 25% Methanol/75% ASTM Type II water
- [X] Deionized Water
- [X] Liquinox Solution
- [ ] Hexane
- [ ] HNO_3/D.I. Water Solution
- [ ] Potable Water
- [ ] None

Field Analysis Data

Ambient Air VOC [illegible] ppm Well Mouth [illegible] ppm Field Data Collected [ ] In-line [X] In Container

Sample Observations: [ ] Turbid [ ] Clear [ ] Cloudy [X] Colored [ ] Odor

Purge Data	@ 1 Vol Gal.	@ 2 Vol Gal.	@ 3 Vol Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	5.4	5.1	3.0		
pH, units	7.63	7.76	7.95		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	580	620	587		
Oxidation - Reduction, +/- mv	101	-8	33		
Dissolved Oxygen, ppm	4.6	4.6	4.9		
Turbidity (NTU's)	N/A	N/A	32		

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	—	—	1-40ml	✓	
TCL SVOC	—	—	1-800z	✓	
TCL Inorg.	—	HNO_3	1qt plas	X	
TCL Cyanide	—	NaOH	"	X	
COD	—	—	"	X	

Notes: Well pumped dry during purging

9202081D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
Project Number: 7043-30
Sample Location ID: MW-12
Time: Start: 1600 End:

Site: SKW Alloys Site
Date: 11/7/92
Signature of Sampler: Sharon Secovich

Water Level/Well Data

Well Depth 19.18 Ft. — [X] Measured [ ] Historical

[ ] Top of Well [X] Top of Protective Casing

Well Riser Stick-up 2.47 Ft. (from ground)

Protective Casing/Well Difference 0.32 Ft.

Protective Casing _____ Ft.

Depth to Water 6.91 Ft.

Well Material: [X] PVC [ ] SS

Well Locked?: [ ] Yes [X] No

Well Dia. [ ] 2 inch [X] 4 inch [ ] 6 inch

Water Level Equip. Used: [X] Elect. Cond. Probe [ ] Float Activated [ ] Press. Transducer

Height of Water Column 12.27 Ft. X [ ] .16 Gal/Ft. (2 in.) [X] .65 Gal/Ft. (4 in.) [ ] 1.5 Gal/Ft. (6 in.) [ ] Gal/Ft. (in.) =

7.98 Gal/Vol

Total Gal Purged

Well Integrity:

	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
X	X	Peristaltic Pump	05110-009
	X	Bailer	
X	X	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
		In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)

- [ ] Methanol (100%)
- [ ] 25% Methanol/75% ASTM Type II water
- [X] Deionized Water
- [X] Liquinox Solution
- [ ] Hexane
- [ ] HNO_3/D.I. Water Solution
- [ ] Potable Water
- [ ] None

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected [ ] In-line [X] In Container

Sample Observations: [ ] Turbid [ ] Clear [X] Cloudy [X] Colored [ ] Odor

Purge Data	@ 1 Vol Gal.	@ 2 Vol Gal.	@ _____ Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	10.2				
pH, units	7.51				
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1307				
Oxidation - Reduction, +/- mv	-28				
Dissolved Oxygen, ppm	3.3				
Turbidity (NTU's)	N/A	330			

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	—	—	3-40ml	✓	
TCL SVOC	—	—	1-8oz	✓	
TCL Inorg.	—	HNO_3	1qt plas.	✓	
TCL Cyanide	—	NaOH	"	✓	
Cr VI	—	—	"	✓	

Notes: Well pumped dry during purging

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project NYSDEC PSA-6 Site SKW - Alloys

Project No. 7083-30 Sampler Signature Shawn J Secavich, BK Butler

Date 11/17/92

Field Instrumentation Calibration Data * Equip. calib @ < 3°C

Equipment Type/I.D.	Battery Condition	Calibration Information
~~Photovac TIP II~~	good	pH 4 ___ pH 7 ___ pH 10 ___
YSI 3500 # H8000114	good	pH 4 ✓ pH 7 ✓ pH 10 ✓
		pH 4 ___ pH 7 ___ pH 10 ___
YSI 3500 # H8000114	good	Cond. Std. 200 / 180 Cond. Std. ___ / ___
		Cond. Std. ___ / ___ Cond. Std. ___ / ___
		Cond. Std. ___ / ___ Cond. Std. ___ / ___
Dissolved Oxygen		
YSI model 57	good	Avg. Winkler Value ___ ppm Meter Value 10.1 ppm
Redox		
YSI 3500 # H8000114	good	Zobell Sol. Value 234 @ 25°C Meter Value 252
Photoionization Meter		
Photovac TIP II #1	good	Zero/Zero Air? ☐ Yes ☑ No Span Gas Value 119 ppm Equiv.
		air 0.5 ppm Meter Value 119 ppm Equiv.
Photovac TIP #13	good	Zero/Zero Air? ☐ Yes ☒ No Span Gas Value 119 ppm Equiv.
		zero = -1.5 ppm Meter Value 189 ppm Equiv.
Other		
YSI 3500 # H8000114	good	Eh (See Above-redox)
Hach 2100P Turbidity	good	

Fluids/Materials Record

Deionized Water Source: X ECJ Staging Portable System Other

Trip Blank Water Source: ___ ECJ Lab; Lot No. ___

X Other; Type Lab ID ___

Decontamination Fluids: ___ Methyl Hydrate; Lot No. ___

X Other; Type Liquinox ID ___

HNO_3/DI Rinse Solution: ___ ECJ Staging; Lot No. ___

Filtration Paper ID: (In Line) Manuf/Type ___ Lot No. ___ / ___

(Vacuum) Manuf/Type ___ Lot No. ___ / ___

Chemicals Used: HNO_3 Lot No. Lab ZnAOC Lot No. ___

H_2SO_4 Lot No. ___ Other Lot No. ___

HCL Lot No. ___ Other Lot No. ___

NaOH Lot No. Lab

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91051070

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project PSA 6 Site SKW

Project No. 7083-30 Sampler Signature Brian Butler / Tom Hillman

Date 11-17-92

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
YSI 5800 #3		pH 4 X pH 7 X pH 10 ____
YSI 5800 #4		pH 4 X pH 7 X pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
YSI 5800 #3		Cond. Std. 200 / 199 Cond. Std. ____ / ____
YSI 5800 #4		Cond. Std. 200 / 185 Cond. Std. ____ / ____
		Cond. Std. ____ / ____ Cond. Std. ____ / ____
Dissolved Oxygen		
YSI mod. 57	OK	Avg. Winkler Value ____ ppm Meter Value ____ ppm
Redox		
		Zobell Sol. Value ____ Meter Value ____
Photoionization Meter		
#13 TIP	OK	Zero/Zero Air? ☐ Yes ☒ No Span Gas Value 100 ppm Equiv. Meter Value 97.5 ppm Equiv.
#2 TIP II	OK	Zero/Zero Air? ☐ Yes ☒ No Span Gas Value 100 ppm Equiv. Meter Value 71.5 ppm Equiv.
Other		
HACH 2100P	NEW	10 NTU std = 11 100 NTU std = ~~112~~ 115 1000 std = 71
HF-Scientific DRT-15C	OK	0.02 NTU chk std.

Fluids/Materials Record

Deionized Water Source: ____ ECJ Staging Portable System Other

Trip Blank Water Source: ____ ECJ Lab; Lot No. ____

____ Other; Type ____ ID ____

Decontamination Fluids: ____ Methyl Hydrate; Lot No. ____

____ Other; Type ____ ID ____

HNO_3/DI Rinse Solution: ____ ECJ Staging; Lot No. ____

Filtration Paper ID: (In Line) Manuf/Type ____ Lot No. ____ / ____

(Vacuum) Manuf/Type ____ Lot No. ____ / ____

Chemicals Used: HNO_3 Lot No. ____ ZnAOC Lot No. ____

H_2SO_4 Lot No. ____ Other Lot No. ____

HCL Lot No. ____ Other Lot No. ____

NaOH Lot No. ____

E.C. JORDAN, CO.

91051070

SECTION 2.0

ANALYTICAL DATA TABLES

SAMPLE CODE IDENTIFICATION. ABB-ES utilizes a 14-digit sample identification code that represents sample type, sample location, depth of sample (if applicable), and designation of duplicate samples. Each individual soil, groundwater, and sediment sample have been assigned sample identification codes, listed as "Sample Location" on the following data tables. Explanation of the 14-digit system is as follows:

Digits 1 & 3 — Site Code - **SA** for SKW Alloys Site

Digits 3, 4 — Sample Type - two letter code to identify sample media
SW - Surface Water
SD - Sediment Sample
QT - Trip Blank
QS - Sampler Blank
WT - Waste Pile
LT - Leachate
MW - Monitoring Well

Digits 5, 6, 7 — Horizontal Sample Locator - three numbers to identify sample location

Example: 101
102

Digits 8, 9, 10 — Depth of Sample Below Ground Surface

Example: X01 foot
125 feet

All samples obtained from the ground surface will be designated XXX.

For MW samples, the depth indicated is assumed to be the bottom of the well screen measured in feet below ground surface.

Digits 11, 12 — Year of Sampling event: **92**

Digits 13, 14 — XX - sample
XD - Duplicate Sample

MEMORANDUM

TO: Kathleen Maguire

FROM: Steve Turner

DATE: January 28, 1993

SUBJECT: Data Usability Report - SKW Alloys Site

This memo summarizes the usability of the analytical results generated for the SKW Alloys Site. Laboratory analyses were performed in accordance with the NYSDEC Analytical Services Protocol (ASP), and the data were validated using the criteria specified by USEPA Region II, modified to include NYSDEC requirements. A detailed evaluation of the laboratory quality control results is attached.

Usability is based on validated sample results. Rejected results ("R" qualifier) represent unusable data since the analyte presence or absence is uncertain. In general, sample results with qualifiers other than "R" are considered as usable. Laboratory data from the SKW Alloys Site will be used to confirm the presence of hazardous waste at the site and to determine whether the site poses a significant threat to public health or the environment.

The data validation summary attached indicates which laboratory results are considered non-compliant when compared to the ASP requirements. However, the majority of these non-compliant results represent minor quality control problems and do not affect data usability. The cases where quality control problems affected usability and/or resulted in the rejection of data are discussed in the following sections. In most cases these problems are typical analytical difficulties or are the result of sample matrix problems.

Volatile Organics (VOCs)

The volatile organics results were acceptable and may be considered suitable for their intended use. Methylene chloride and acetone, common laboratory contaminants, were detected in the laboratory method blank and/or the equipment blank. All sample results less than the action level were reported as non-detect. Some calibration problems (continuing calibration percent differences outside acceptance limits) were observed, which represent typical laboratory performance. The affected compounds were qualified as estimated, and this minor deficiency does not affect usability. Samples SASD105, SASD102, and SASD102/XD were qualified as estimated because of their low total solids content (33%, 43%, and 46%, respectively). This qualification does not affect the usability of these volatile data. One surrogate recovery was below the acceptance limit

for SALT103, indicating a slight low bias. Since the reanalysis was performed beyond the holding time, the original analysis was reported. The results are usable, and were qualified as estimated to indicate a minor accuracy problem.

Semivolatile Organics (SVOCs)

The semivolatile organics analyses provided acceptable results, and the values may be used as presented. Bis(2-ethylhexyl)phthalate, butylbenzylphthalate, diethylphthalate, and di-n-butylphthalate, common laboratory contaminants, were detected in the laboratory method blank and/or the equipment blank. In addition, naphthalene, 2-methylnaphthalene, phenanthrene, fluoranthene, and pyrene were reported in some laboratory method blanks, indicating the potential for cross-contamination. All sample results less than the action level were reported as non-detect. Some calibration problems (continuing calibration percent differences outside acceptance limits) were observed, which represent typical laboratory performance. The affected compounds were qualified as estimated, and this minor deficiency does not affect usability. Samples SASD105, SASD102, and SASD102/XD were qualified as estimated because of their low total solids content (33%, 43%, and 46%, respectively). This qualification does not affect the usability of these semivolatile data. Samples SASD103, SASD105, SASD106, SAWT107, and SAWT108 were analyzed beyond the holding time; results should not be used to confirm the absence of SVOCs in these samples. In some cases the internal standard responses were outside acceptance ranges in both the initial and re-analyses. Data were qualified as estimated, and usability was not affected. Sample SASD102/XD exhibited 0% surrogate recover, which would results in the rejection of the results. The reanalyzed sample exhibited acceptable surrogate recovery, but was analyzed beyond the holding time. The results of the reanalysis were presented but should not be used to confirm the absence of SVOCs. Sample SAWT108 also exhibited low surrogate recoveries, but, as discussed previously, was qualified for exceeding holding time.

Inorganics

The majority of the inorganics analyses are acceptable and may be used as presented. Spike recoveries for antimony and arsenic were below acceptance limits, indicating an accuracy problem. The associated results were qualified as estimated. These recoveries may be attributable to matrix and/or laboratory problems and do not affect the usability of the results. However, the spike recovery for selenium, thallium, iron, and lead were well outside the acceptance limit, and the associated results were rejected. These results should not be used to determine the presence or absence of these elements in site samples. The Inductively Coupled Plasma (ICP) Contract Required Detection Limit (CRDL) standard exhibited recoveries outside quality control (QC) limits for lead, silver, cadmium, chromium, and nickel. This deficiency indicates that there is some uncertainty associated with results for these elements reported at or near the CRDL. ICP serial

dilution results were outside acceptance limits for potassium, cobalt, zinc, and barium. The results are usable and were qualified as estimated because of a potential bias. Samples SASD105, SASD102, and SASD102/XD were qualified as estimated because of their low total solids content (33%, 43%, and 46%, respectively). This qualification does not affect the usability of these inorganics data. Arsenic results for SASD101 were estimated because the correlation coefficient for the method of standard additions was outside acceptance limits. Results for zinc were rejected in two leachate samples because of laboratory blank contamination. These results should not be used to determine the presence or absence of zinc in these samples. Field and laboratory duplicate precision criteria were not met for calcium, manganese, sodium, and aluminum in surface water and groundwater samples. Associated results were qualified as estimated, and the results are considered usable.

Hazardous Waste Characteristics

The ICP CRDL standard exhibited recoveries outside QC limits for cadmium, lead, and silver for the EP Toxicity analysis. This deficiency indicates that there is some uncertainty associated with results for these elements reported at or near the CRDL. Spike recoveries for mercury and barium were below acceptance limits for the EP Toxicity analysis, indicating an accuracy problem. The associated results were qualified as estimated. ICP serial dilution results were outside acceptance limits for barium. The results are usable and were qualified as estimated because of a potential bias. Selenium results were estimated because the preparation blank concentration was below the negative CRDL, indicating a potential low bias. No QC problems were observed for ignitability, corrosivity, reactivity, and hexavalent chromium.

Tentatively Identified Compounds (TICs)

The ASP analytical procedures for volatile and semivolatile organics may also detect the presence of additional compounds which are not included on the Target Compound List. The mass spectra of these non-target compounds (up to 10 VOCs and 20 SVOCs) are compared to library spectra using a computerized search routine, and the best matches are evaluated by the laboratory. If a good library match can not be made the compound is reported as "unknown". The concentrations are estimated by comparing the compound's response to the that of the closest internal standard.

No volatile TICs were reported. The semivolatile TICs reported include organics acids, alkanes, polynuclear aromatic hydrocarbons, and cyclic hydrocarbons. It should be noted that uncertainty exists both in identification and quantitation and that the estimated concentrations could be orders of magnitude higher or lower than the actual concentration.

Data Quality Objectives

Data Quality Objectives (DQOs) are based on the premise that different data uses require different levels of data quality. Data quality refers to the degree of uncertainty of analytical data with respect to precision, accuracy, representativeness, completeness, and comparability (PARCC). These objectives are established based on site conditions, the purpose of the field program, and the knowledge of the measurement systems used for generation of the analytical data. A discussion of the laboratory data quality as it relates to the PARCC objectives is presented below.

Precision and Accuracy

Precision refers to the reproducibility of a measurement under certain specified conditions, and accuracy measures the bias associated with the sampling and analysis process. Precision and accuracy are affected by both field and laboratory conditions. Precision was monitored through the analysis of field and laboratory duplicate samples; accuracy was measured through the analysis of field and laboratory blanks, matrix spikes, and surrogate spikes. The ASP protocols used for the analysis of samples define the criteria for acceptable precision and accuracy. VOCs and SVOCs surrogate recoveries and element spike recoveries that indicated accuracy problems were discussed above. Precision results were outside acceptance criteria for the VOC sediment and groundwater matrix spike/matrix spike duplicate (MS/MSD) samples. MS/MSD recoveries outside the acceptance range were observed for SVOC soil and surface water samples. Also, field duplicate results were outside the acceptance limits for the SVOC sediment analysis and the inorganics groundwater and surface water samples. These results represent minor QC deficiencies and may be attributed to laboratory and/or matrix problems. Usability of these results is not affected.

Several target analytes were reported at concentrations less than the CRQL (and were qualified as estimated, "J"). Uncertainty exists for the quantitation of concentrations less than the CRQL. While these results provide information on the presence of contamination, these values should be qualified for use in decisions.

Representativeness

Measurements are made so that the results obtained are representative of the sampling population, the medium (e.g. soil and groundwater), and the site conditions. The sampling protocols were developed to ensure that the samples were representative of the media, that sampling locations were properly selected, and that a sufficient number of samples were collected. Sample handling protocols (chain-of-custody, storage, and transportation) were adequate to preserve the sample integrity. Proper documentation established that the correct protocols had been followed. Co-located samples (field

duplicates) were also collected to assess representativeness, and, as discussed above, no major problems were observed which would affect usability.

Completeness

The characteristic of completeness is defined as the percent of valid data obtained as compared to what would be expected under normal conditions. The USEPA has found that CLP protocols typically generate data that is 80% complete. Because sampling activities are often influenced by field conditions the SKW Alloys Site Work Plan provided estimates of the number of samples to be collected during the field program. There were no significant deviations from the proposed field program. With the exception of the inorganics analyses, completeness was calculated to be 100%. Because of the rejected results, completeness for the inorganics is 94%.

Comparability

The characteristic of comparability reflects both the internal consistency of measurements and the expression of results in units which are consistent with other organizations reporting similar data. Each value reported for a given measurement should be similar to other values within the same data set and with other related data sets. Comparability was assured through the use of standardized sampling procedures and ASP analytical methods.

MEMORANDUM

TO: Kathleen Maguire

FROM: Kate Kuebler / Steve Turner

DATE: January 27, 1993

SUBJECT: Validation : SKW Alloy Site
Project No.: 07083-30
Sampling Dates: October 26 - 29, 1992
November 17 - 18, 1992

Review is complete for the data packages generated by NYTEST Environmental, Inc. (NEI) pertaining to soil, water, leachate, and waste samples collected at the SKW Alloy Site. Review was performed following USEPA Region II guidelines. Samples were analyzed for various combinations of Target Compound List (TCL) organics, TCL inorganics, Extraction Procedure (EP) Toxicity metals, hexavalent chromium, and Resource Conservation and Recovery Act (RCRA) characteristics by NYSDEC Analytical Services Protocol (ASP) methodologies. Package documentation was generally complete with the following resubmissions requested:

1. Revised Volatile Form I for QT103 to include methylene chloride positive result.
2. Revised Form II-SV with correct percent recoveries for surrogates.
3. Revised Inorganic Form II with corrected percent recovery for arsenic.
4. Inorganic Form XIIIs for three water samples.

The data tables referred to in this memo are comprised of the following:

Table 1 : Laboratory Report of Analysis
Table 2 : Validation / Summary Table
Table 3 : Summary Table

The following subsections summarize the qualifications/edits that have been determined by validation.

All Organic Analyses

Compound results below the Contract Required Quantitation Limits (CRQL) were flagged with a J (estimated) by the laboratory. These were flagged JJ

(estimated below the sample specific CRQL) on Tables 2 and 3.

Volatile and semivolatile compound results greater than the calibration range were flagged with an E (exceeds calibration limit) by the laboratory. Samples containing these compounds were diluted and reanalyzed, and the diluted results flagged with a D. On Table 2, the diluted results for all compounds beyond calibration range were inserted into the original results and the remainder of the diluted analysis deleted from Table 2 and Table 3.

Pesticide/polychlorinated biphenyls (PCB) compounds that had greater than 25% difference between the results of the two columns were flagged with a P by the laboratory. These were flagged J on Tables 2 and 3.

Volatile Analyses - Qualifications/Edits

1. Due to equipment or trip blank contamination, methylene chloride should be considered nondetect in SASW102/XX SASW102/XD, SASW103, SASW105, SASW106, SASD101, SASD102/XD, SASD103, SASD104, SASD105, SASD106, SAWT101, SAWT102, SAWT103, SAWT105, SAWT106/XX, SAWT106/XD, and all SAMW samples.

2. Due to method blank contamination, acetone should be considered nondetect in SASD101, SASD104, SAWT101, SAWT102, SAWT103, and SAMW1AXX05.

3. Due to percent solids less than 50%, all results were estimated in SASD105, SASD102/XX, and SASD102/XD.

4. One surrogate recovery was slightly below Quality Control (QC) limits for the initial analysis of SALT103. The sample was reanalyzed past hold time. The results of the initial analysis were presented on Tables 2 and 3 and all results were estimated.

5. Several continuing calibration standard compounds had noncompliant percent difference results. Positive and nondetect results were estimated in associated samples for methylene chloride, acetone, carbon disulfide, bromoform, 1,1-dichloroethene, 1,1,2-trichloroethane, and 2-hexanone.

Volatile Analyses - Comments

Please see items 1 - 5 under **Qualifications/Edits.** All volatile analyses were performed within hold times except as noted above. All method blank and instrumental tune criteria were met. Initial and continuing calibration standards that did not meet criteria

had no effect on the results except as discussed above. All matrix spike blank, matrix spike and matrix spike duplicate recoveries were acceptable **except** the recoveries of benzene and toluene in the Matrix Spike Duplicate (MSD) for the Monitoring Well (MW) samples. All Relative Percent Difference (RPDs) were within recommended limits, **except** in the analysis of the Matrix Spike (MS)/MSD for the MW samples. All of these RPDs were above QC limits. No volatile TICs were identified.

Semivolatile Analyses - Qualifications/Edits

6. Due to equipment blank contamination, butylbenzylphthalate should be considered nondetect in SASD101.

7. Due to equipment blank contamination, di-n-butylphthalate should be considered nondetect in SAWT101, SASD101 and SASD104.

8. Due to method blank contamination, diethylphthalate, naphthalene, methylnaphthalene, and bis(2-ethylhexyl)phthalate (BEHP) should be considered nondetect in SASD105, SADS106, and SAWT107.

9. Due to method blank contamination, butylbenzylphthalate and BEHP should be considered nondetect in SASD103 and SAWT108.

10. Due to method blank contamination, BEHP, naphthalene, and methylnaphthalene should be considered nondetect in SASD102/XD(RE).

11. Due to method blank contamination, phenanthrene, fluoranthene, and pyrene should be considered nondetect in SAWT104, SAWT105, SAWT106/XX and SAWT106/XD.

12. Due to method blank contamination, BEHP should be considered nondetect in all SAWT samples, all SAMW samples, SASD101, and SASD104.

13. Due to a Gel Permeation Chromatagraph (GPC) malfunction, the initial extracts of several samples were lost. The samples were re-extracted past hold time and all results were estimated for SASD103, SASD105, SASD106, SAWT107, and SAWT108.

14. The areas of two internal standards (IS) were below QC limits in the initial analysis of SAMWXX5. The reanalysis of this sample had only one IS below QC limits. The results of the reanalysis were presented on Tables 2 and 3. All results for compounds quantitated by chrysene-d12 were estimated.

15. The areas of two internal standards (IS) were above QC limits in the initial

analysis of SAWT106/XX. The reanalysis of this sample had only one IS above QC limits. The results of the reanalysis were presented on Tables 2 and 3. All positive results for compounds quantitated by chrysene-d12 were estimated.

16. The initial analysis of SASD102/XD had no surrogate recovery. The sample was re-extracted past hold time. The reanalysis had all surrogates within QC limits. The results of the reanalysis were presented on Tables 2 and 3 and all results were estimated.

17. Due to percent solids less than 50%, all results were estimated in SASD105, SASD102/XX, and SASD102/XD.

18. The analysis of SAWT108 had three acid surrogates below QC limits. The results of this analysis were previously qualified for hold time exceedance.

19. The field duplicate results for SASD102/XX and SASD102/XD did not show acceptable precision for some compounds. However, both samples contained less than 50% solids and all results were estimated.

20. Continuing calibration standard compounds had noncompliant percent difference results. Positive and nondetect results were estimated in associated soil samples for hexachlorocyclopentadiene, 4-nitrophenol, di-n-butylphthalate, butylbenzylphthalate, di-n-octylphthalate, 2,4-dinitrophenol, 2,4-dinitrotoluene, 3,3'-dichlorobenzidine, 4-chlorophenyl-phenylether, 4-bromophenyl-phenylether, benzo(a)anthracene, benzo(b)fluoranthene, and indeno(1,2,3-c,d)pyrene.

Semivolatile Analyses - Comments

Please see items 6 - 20 under **Qualifications/Edits**. All instrument tune and method blank criteria were met for all sample analyses. Initial and continuing calibration standards that did not meet criteria had no effect on the results except as discussed above. Matrix spike blank recoveries were within QC limits for all compounds **except** 4-nitrophenol which had a high recovery in one soil and one aqueous Matrix Spike Blank (MSB). This compound also recovered above QC limits in both aqueous MS and MSD analyses. Five other compounds in the MS and two other compounds in the MSD had high recoveries for sample SASW102. The MS and MSD analyses of SASD102 had two recoveries below QC limits, pentachlorophenol and pyrene. Pyrene was detected in the sample at approximately 5000 ug/kg. TICs were identified in most soil and waste sample and in several aqueous samples.

Inorganic Analyses - Qualifications/Edits

21. Contract Required Detection Limits (CRDL) ICP standard recovery was below QC limits. Analytes with noncompliant recovery and affected samples are listed below. Results were estimated.

Lead / Silver	SW101,102XX,102XD,104
Lead	SD101,102XX,102XD,104; WT101,102,102,104,105,106XX,106XD
Cadmium / Chromium	SD103,105,106; WT107,108; LT101,102,103; SW103,015,106
Chromium / Silver	All MW samples

22. CRDL ICP standard recovery was above QC limits. Analytes with noncompliant recovery and affected samples are listed below. Appropriate qualifiers are also listed.

Chromium	R(+)/UJ(nd)	SW101,102XX,102XD,104; SD101,102XX,102XD,104; WT101,102,103,104,105,106XX,106XD
Silver	R(+)/UJ(nd)	SD101,102XX,102XD,104; WT101,102,103,104,105,106XX,106XD
Nickel	J(+)	SD103,105,106; WT107,108

23. Spike sample recovery was below QC limits. Analytes with noncompliant recovery and affected samples are listed below. Appropriate qualifiers are also listed.

Thallium	J(+)/UJ(nd)	SD101,102XX,102XD,104; WT101,102,103,014,105,106XX,106XD
Antimony	J(+)/UJ(nd)	SD103,105; WT107,108
Arsenic	J(+)/UJ(nd)	SD103,105; WT107,108
Selenium	J(+)/UJ(nd)	SD103,105; WT107,108
Thallium	J(+)/UJ(nd)	SD103,105; WT107,108
Arsenic	J(+)/UJ(nd)	SW103,105,106; LT101,102,103
Lead	J(+)/UJ(nd)	SW103,105,106; LT101,102,103
Selenium	R(+)/UR(nd)	SW103,105,106; LT101,102,103
Thallium	R(+)/UR(nd)	SW103,105,106; LT101,102,103

Lead	R(+)/UR(nd)	All MW samples

24. Spike sample recovery was above QC limits for iron. All positive iron results in the MW samples were rejected.

25. Serial dilution criteria were not met. Analytes with noncompliant recovery and affected samples are listed below. Positive results were estimated.

Potassium	SW101,102XX,102XXD, 104
Cobalt / Zinc	SD101,102XX,102XD,104; WT101,102,103,104,105,106XX,106XD
Barium / Zinc	SD103,105,106; WT107,108

26. Laboratory duplicate precision criteria were not met for calcium and manganese. Results were estimated in SW101, SW102XX, SW102XD, and SW104.

27. Post digestion spike recovery was below QC limits. Analytes with noncompliant recovery and affected samples are listed below. Results were estimated.

Thallium	SW101, SW104; MWX1AX05, MWX4AX10
Selenium	SD101,102X,102XD,104; WT101,102,103,104,105,106XX,106XD; MWX1AX05
Arsenic	WT101

28. Correlation coefficient for the method of standards addition was less than 0.995. Arsenic result were estimated for SD101.

29. Due to percent solids less than 50%, all results were estimated in SASD105, SASD102/XX, and SASD102/XD.

30. Due to calibration blank contamination, zinc results in WT107 and WT108 were rejected.

31. Field duplicate precision criteria were not met in the analysis of SW102XX and SW102XD. Sodium results were estimated.

32. Field duplicate precision criteria were not met in the analysis of MWXX1X13XX and MWXX1X13XD. Aluminum and manganese results were estimated.

Inorganic Analyses - Comments

Please see items 21 - 32 under **Qualifications/Edits.** All appropriate QC criteria were reviewed and found acceptable unless noted under **Qualifications/Edits.** Soil field duplicate results were acceptable.

EP Toxicity Metals Analyses - Qualifications/Edits

33. CRDL ICP standard recovery was below QC limits for cadmium, lead, and silver. Results were estimated in SASD103, SASD105, SASD106, SAWT107, and SAWT108.

34. Spike sample recovery was below QC limits for mercury. Results were estimated in SASD103, SASD105, SASD106, SAWT107, and SAWT108.

35. Spike sample recovery was below QC limits for barium. Results were estimated in SASD101, SASD102XX, SASD102XD, SASD104, SAWT101, SAWT102, SAWT103, SAWT104, SAWT105, SAWT106XX, and SAWT106XD.

36. Serial dilution criteria were not met for barium. Positive results in the samples listed in #35 were estimated.

37. Preparation blank results for selenium were just below the negative CRDL. Results were estimated in all samples listed in #35.

EP Toxicity Metals Analyses - Comments

Please see item 34 - 37 under **Qualifications/Edits.** Field duplicate results were acceptable. All appropriate QC criteria were reviewed and found acceptable unless noted.

RCRA Characteristics Analyses - Qualifications/Edits

There are no qualifications or edits to these data.

RCRA Characteristics Analyses - Comments

Data were reviewed for hold times, duplicate precision, and method blank contamination. All QC results were acceptable.

Hexavalent Chromium - Qualifications/Edits

There are no qualifications or edits to these data.

Hexavalent Chromium Analyses - Comments

Data were reviewed for hold times, blank contamination, calibration criteria, duplicate precision, and laboratory control sample recovery. All QC results were acceptable.

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Volatile Organic Aqueous Analysis (ug/L)

01/27/93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SAMW12AX4X92XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
LAB NUMBER:	1480012 #	1480007 #	1480011 #	1480005 #	1480008 #	1480010 #	1480004 #	1480001 #
DATE SAMPLED:	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE ANALYZED:	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92

ANALYTE	SOW-3/90 - II CRQL								
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	7 J	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	2 J	12 B	2 J	2 J	11 B	10 B
Methylene Chloride	10	2 J	10 U	10 U	54 B	50	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	11	13	10 U	10 U	10 U	10 U	10 U
Chloroform	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	10	10 U	21	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank:	D3224	D3224	D3224	D3208	D3224	D3224	D3208	D3208
Associated Equipment Blank:	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:	-	-	-	-	-	-	-	-
Associated Trip Blank:	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

1

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 1480009 #
DATE SAMPLED: 11/17/92
DATE ANALYZED: 11/24/92

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	10	U
Bromomethane	10	10	U
Vinyl Chloride	10	10	U
Chloroethane	10	10	U
Methylene Chloride	10	2	J
Acetone	10	10	U
Carbon Disulfide	10	10	U
1,1-Dichloroethene	10	10	U
1,1-Dichloroethane	10	10	U
1,2-Dichloroethene (total)	10	10	U
Chloroform	10	10	U
1,2-Dichloroethane	10	10	U
2-Butanone	10	10	U
1,1,1-Trichloroethane	10	10	U
Carbon Tetrachloride	10	10	U
Bromodichloromethane	10	10	U
1,2-Dichloropropane	10	10	U
cis-1,3-Dichloropropene	10	10	U
Trichloroethene	10	10	U
Dibromochloromethane	10	10	U
1,1,2-Trichloroethane	10	10	U
Benzene	10	10	U
trans-1,3-Dichloropropene	10	10	U
Bromoform	10	10	U
4-Methyl-2-Pentanone	10	10	U
2-Hexanone	10	10	U
Tetrachloroethene	10	10	U
1,1,2,2-Tetrachloroethane	10	10	U
Toluene	10	10	U
Chlorobenzene	10	10	U
Ethylbenzene	10	10	U
Styrene	10	10	U
Total Xylenes	10	10	U
Dilution Factor:		1.00	

Associated Method Blank: D3224
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -
Associated Trip Blank: SAQT103XXX92XX

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SAMW12AX4X92XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
	LAB NUMBER:	1480012 #	1480007 #	1480011 #	1480005 #	1480008 #	1480010 #	1480004 #	1480001 #
	DATE SAMPLED:	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
	DATE ANALYZED:	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92
ANALYTE	SOW-3/90 - II CRQL								
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	7 JJ	10 U	10 U	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	10	10 UJ	10 UJ	10 UJ	12 UJ	10 UJ	10 UJ	11 UJ	10 UJ
Acetone	10	10 U	10 U	10 U	54 UJ	50 J	10 U	10 UJ	10 UJ
Carbon Disulfide	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	11	13	10 U	10 U	10 U	10 U	10 U
Chloroform	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	10	10 U	21	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U	10 U
Benzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	10	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		D3224	D3224	D3224	D3208	D3224	D3224	D3208	D3208
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 1480009 #
DATE SAMPLED: 11/17/92
DATE ANALYZED: 11/24/92

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	10	U
Bromomethane	10	10	U
Vinyl Chloride	10	10	U
Chloroethane	10	10	U
Methylene Chloride	10	10	UJ
Acetone	10	10	U
Carbon Disulfide	10	10	U
1,1-Dichloroethene	10	10	U
1,1-Dichloroethane	10	10	U
1,2-Dichloroethene (total)	10	10	U
Chloroform	10	10	U
1,2-Dichloroethane	10	10	U
2-Butanone	10	10	U
1,1,1-Trichloroethane	10	10	U
Carbon Tetrachloride	10	10	U
Bromodichloromethane	10	10	U
1,2-Dichloropropane	10	10	U
cis-1,3-Dichloropropene	10	10	U
Trichloroethene	10	10	U
Dibromochloromethane	10	10	U
1,1,2-Trichloroethane	10	10	UJ
Benzene	10	10	U
trans-1,3-Dichloropropene	10	10	U
Bromoform	10	10	UJ
4-Methyl-2-Pentanone	10	10	U
2-Hexanone	10	10	U
Tetrachloroethene	10	10	U
1,1,2,2-Tetrachloroethane	10	10	U
Toluene	10	10	U
Chlorobenzene	10	10	U
Ethylbenzene	10	10	U
Styrene	10	10	U
Total Xylenes	10	10	U
Dilution Factor:		1.00	

Associated Method Blank: D3224
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -
Associated Trip Blank: SAQT103XXX92XX

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

4

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Volatile Organic Aqueous Analysis (ug/L)

01/27/93

Table 3
Summary Table

SAMPLE LOCATION:	SAMW12AX4X92XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
LAB NUMBER:	1480012 #	1480007 #	1480011 #	1480005 #	1480008 #	1480010 #	1480004 #	1480001 #
DATE SAMPLED:	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE ANALYZED:	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92	11/24/92

ANALYTE	SOW-3/90 - II CRQL								
Chloromethane	10	-	-	-	-	-	-	-	-
Bromomethane	10	-	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	7 JJ	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-	-
Methylene Chloride	10	-	-	-	-	-	-	-	-
Acetone	10	-	-	-	-	50 J	-	-	-
Carbon Disulfide	10	-	-	-	-	-	-	-	-
1,1-Dichloroethene	10	-	-	-	-	-	-	-	-
1,1-Dichloroethane	10	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	10	-	11	13	-	-	-	-	-
Chloroform	10	-	-	-	-	-	-	-	-
1,2-Dichloroethane	10	-	-	-	-	-	-	-	-
2-Butanone	10	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	10	-	-	-	-	-	-	-	-
Carbon Tetrachloride	10	-	-	-	-	-	-	-	-
Bromodichloromethane	10	-	-	-	-	-	-	-	-
1,2-Dichloropropane	10	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10	-	-	-	-	-	-	-	-
Trichloroethene	10	-	21	-	-	-	-	-	-
Dibromochloromethane	10	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	10	-	-	-	-	-	-	-	-
Benzene	10	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10	-	-	-	-	-	-	-	-
Bromoform	10	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	10	-	-	-	-	-	-	-	-
2-Hexanone	10	-	-	-	-	-	-	-	-
Tetrachloroethene	10	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	10	-	-	-	-	-	-	-	-
Toluene	10	-	-	-	-	-	-	-	-
Chlorobenzene	10	-	-	-	-	-	-	-	-
Ethylbenzene	10	-	-	-	-	-	-	-	-
Styrene	10	-	-	-	-	-	-	-	-
Total Xylenes	10	-	-	-	-	-	-	-	-
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank:	D3224	D3224	D3224	D3208	D3224	D3224	D3208	D3208
Associated Equipment Blank:	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:	-	-	-	-	-	-	-	-
Associated Trip Blank:	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 1480009 #
DATE SAMPLED: 11/17/92
DATE ANALYZED: 11/24/92

ANALYTE	SOW-3/90 - II CRQL	
Chloromethane	10	-
Bromomethane	10	-
Vinyl Chloride	10	-
Chloroethane	10	-
Methylene Chloride	10	-
Acetone	10	-
Carbon Disulfide	10	-
1,1-Dichloroethene	10	-
1,1-Dichloroethane	10	-
1,2-Dichloroethene (total)	10	-
Chloroform	10	-
1,2-Dichloroethane	10	-
2-Butanone	10	-
1,1,1-Trichloroethane	10	-
Carbon Tetrachloride	10	-
Bromodichloromethane	10	-
1,2-Dichloropropane	10	-
cis-1,3-Dichloropropene	10	-
Trichloroethene	10	-
Dibromochloromethane	10	-
1,1,2-Trichloroethane	10	-
Benzene	10	-
trans-1,3-Dichloropropene	10	-
Bromoform	10	-
4-Methyl-2-Pentanone	10	-
2-Hexanone	10	-
Tetrachloroethene	10	-
1,1,2,2-Tetrachloroethane	10	-
Toluene	10	-
Chlorobenzene	10	-
Ethylbenzene	10	-
Styrene	10	-
Total Xylenes	10	-
Dilution Factor:	1.00	

Associated Method Blank: D3224
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -
Associated Trip Blank: SAQT103XXX92XX

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable.

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401 #	1451402 #	1451403 #	1451403 R #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92	10/26/92
	DATE ANALYZED:	11/03/92	11/03/92	11/03/92	11/07/92
ANALYTE	SOW-3/90 - II CRQL				
Chloromethane	10	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	5 J	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	10 U	10 U
Methylene Chloride	10	3 J	10 U	10 U	8 BJ
Acetone	10	10 U	10 U	80	10 U
Carbon Disulfide	10	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	10 U	10 U	10 U
Chloroform	10	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U
Trichloroethene	10	10 U	10 U	10 U	10 U
Dibromochloromethane	10	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U	10 U	10 U
Benzene	10	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U
Bromoform	10	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U	29	10 U
2-Hexanone	10	10 U	10 U	52	10 U
Tetrachloroethene	10	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U	10 U
Toluene	10	10 U	10 U	2 J	10 U
Chlorobenzene	10	10 U	10 U	10 U	10 U
Ethylbenzene	10	10 U	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00
Associated Method Blank:		D2795	D2795	C9722	D2907
Associated Equipment Blank:		-	-	-	-
Associated Field Blank:		-	-	-	-
Associated Trip Blank:		-	-	-	-

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401 #	1451402 #	1451403 #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE ANALYZED:	11/03/92	11/03/92	11/03/92
ANALYTE	SOW-3/90 - II CRQL			
Chloromethane	10	10 UJ	10 UJ	10 UJ
Bromomethane	10	10 U	10 U	5 JJ
Vinyl Chloride	10	10 U	10 U	10 UJ
Chloroethane	10	10 U	10 U	10 UJ
Methylene Chloride	10	3 JJ	10 UJ	10 UJ
Acetone	10	10 UJ	10 UJ	80 J
Carbon Disulfide	10	10 U	10 U	10 UJ
1,1-Dichloroethene	10	10 U	10 U	10 UJ
1,1-Dichloroethane	10	10 U	10 U	10 UJ
1,2-Dichloroethene (total)	10	10 U	10 U	10 UJ
Chloroform	10	10 U	10 U	10 UJ
1,2-Dichloroethane	10	10 U	10 U	10 UJ
2-Butanone	10	10 U	10 U	10 UJ
1,1,1-Trichloroethane	10	10 U	10 U	10 UJ
Carbon Tetrachloride	10	10 U	10 U	10 UJ
Bromodichloromethane	10	10 U	10 U	10 UJ
1,2-Dichloropropane	10	10 U	10 U	10 UJ
cis-1,3-Dichloropropene	10	10 U	10 U	10 UJ
Trichloroethene	10	10 U	10 U	10 UJ
Dibromochloromethane	10	10 U	10 U	10 UJ
1,1,2-Trichloroethane	10	10 U	10 U	10 UJ
Benzene	10	10 U	10 U	10 UJ
trans-1,3-Dichloropropene	10	10 U	10 U	10 UJ
Bromoform	10	10 U	10 U	10 UJ
4-Methyl-2-Pentanone	10	10 U	10 U	29 J
2-Hexanone	10	10 UJ	10 UJ	52 J
Tetrachloroethene	10	10 U	10 U	10 UJ
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 UJ
Toluene	10	10 U	10 U	2 JJ
Chlorobenzene	10	10 U	10 U	10 UJ
Ethylbenzene	10	10 U	10 U	10 UJ
Styrene	10	10 U	10 U	10 UJ
Total Xylenes	10	10 U	10 U	10 UJ
Dilution Factor:		1.00	1.00	1.00
Associated Method Blank:		D2795	D2795	C9722
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-
Associated Trip Blank:		-	-	-

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401 #	1451402 #	1451403 #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE ANALYZED:	11/03/92	11/03/92	11/03/92
ANALYTE	SOW-3/90 - II CRQL			
Chloromethane	10	-	-	-
Bromomethane	10	-	-	5 JJ
Vinyl Chloride	10	-	-	-
Chloroethane	10	-	-	-
Methylene Chloride	10	3 JJ	-	-
Acetone	10	-	-	80 J
Carbon Disulfide	10	-	-	-
1,1-Dichloroethene	10	-	-	-
1,1-Dichloroethane	10	-	-	-
1,2-Dichloroethene (total)	10	-	-	-
Chloroform	10	-	-	-
1,2-Dichloroethane	10	-	-	-
2-Butanone	10	-	-	-
1,1,1-Trichloroethane	10	-	-	-
Carbon Tetrachloride	10	-	-	-
Bromodichloromethane	10	-	-	-
1,2-Dichloropropane	10	-	-	-
cis-1,3-Dichloropropene	10	-	-	-
Trichloroethene	10	-	-	-
Dibromochloromethane	10	-	-	-
1,1,2-Trichloroethane	10	-	-	-
Benzene	10	-	-	-
trans-1,3-Dichloropropene	10	-	-	-
Bromoform	10	-	-	-
4-Methyl-2-Pentanone	10	-	-	29 J
2-Hexanone	10	-	-	52 J
Tetrachloroethene	10	-	-	-
1,1,2,2-Tetrachloroethane	10	-	-	-
Toluene	10	-	-	2 JJ
Chlorobenzene	10	-	-	-
Ethylbenzene	10	-	-	-
Styrene	10	-	-	-
Total Xylenes	10	-	-	-
Dilution Factor:		1.00	1.00	1.00
Associated Method Blank:		D2795	D2795	C9722
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-
Associated Trip Blank:		-	-	-

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAQS101XXX92XX	SAQS102XXX92XX	SAQS103XXX92XX
	LAB NUMBER:	1454413	1454414	1480006
	DATE SAMPLED:	10/28/92	10/28/92	11/17/92
	DATE ANALYZED:	11/04/92	11/04/92	11/24/92
ANALYTE	SOW-3/90 - II CRQL			
Chloromethane	10	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	10 U
Methylene Chloride	10	6 J	7 J	11 B
Acetone	10	10 U	10 U	10 U
Carbon Disulfide	10	10 U	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	10 U	10 U
Chloroform	10	10 U	10 U	2 J
1,2-Dichloroethane	10	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U
Trichloroethene	10	10 U	10 U	10 U
Dibromochloromethane	10	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U	10 U
Benzene	10	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U
Bromoform	10	10 U	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U
Tetrachloroethene	10	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U
Toluene	10	10 U	10 U	10 U
Chlorobenzene	10	10 U	10 U	10 U
Ethylbenzene	10	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00
Associated Method Blank:		D2843	D2843	D3208
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-
Associated Trip Blank:		-	-	-

Site: EQUIPMENT RINSATE
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable
J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAQT101XXX92XX	SAQT102XXX92XX	SAQT103XXX92XX
	LAB NUMBER:	1454415	1455709	1480013
	DATE SAMPLED:	10/28/92	10/29/92	11/17/92
	DATE ANALYZED:	11/05/92	11/06/92	11/24/92

ANALYTE	SOW-3/90 - II CRQL					
Chloromethane	10	10	U	10	U	10 U
Bromomethane	10	10	U	10	U	10 U
Vinyl Chloride	10	10	U	10	U	10 U
Chloroethane	10	10	U	10	U	10 U
Methylene Chloride	10	8	J	25		15 B
Acetone	10	10	U	10	U	10 U
Carbon Disulfide	10	10	U	10	U	10 U
1,1-Dichloroethene	10	10	U	10	U	10 U
1,1-Dichloroethane	10	10	U	10	U	10 U
1,2-Dichloroethene (total)	10	10	U	10	U	10 U
Chloroform	10	10	U	10	U	10 U
1,2-Dichloroethane	10	10	U	10	U	10 U
2-Butanone	10	10	U	10	U	10 U
1,1,1-Trichloroethane	10	10	U	10	U	10 U
Carbon Tetrachloride	10	10	U	10	U	10 U
Bromodichloromethane	10	10	U	10	U	10 U
1,2-Dichloropropane	10	10	U	10	U	10 U
cis-1,3-Dichloropropene	10	10	U	10	U	10 U
Trichloroethene	10	10	U	10	U	10 U
Dibromochloromethane	10	10	U	10	U	10 U
1,1,2-Trichloroethane	10	10	U	10	U	10 U
Benzene	10	10	U	10	U	10 U
trans-1,3-Dichloropropene	10	10	U	10	U	10 U
Bromoform	10	10	U	10	U	10 U
4-Methyl-2-Pentanone	10	10	U	10	U	10 U
2-Hexanone	10	10	U	10	U	10 U
Tetrachloroethene	10	10	U	10	U	10 U
1,1,2,2-Tetrachloroethane	10	10	U	10	U	10 U
Toluene	10	10	U	10	U	10 U
Chlorobenzene	10	10	U	10	U	10 U
Ethylbenzene	10	10	U	10	U	10 U
Styrene	10	10	U	10	U	10 U
Total Xylenes	10	10	U	10	U	10 U
Dilution Factor:		1.00		1.00		1.00
Associated Method Blank:		D2843		D2888		D3208
Associated Equipment Blank:		-		-		-
Associated Field Blank:		-		-		-
Associated Trip Blank:		-		-		-

Site: TRIP BLANK
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable
J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected

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Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
	LAB NUMBER:	1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
	DATE ANALYZED:	11/05/92	11/04/92	11/04/92	11/06/92	11/05/92	11/06/92	11/06/92
ANALYTE	SOW-3/90 - II CRQL							
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	10	10 U	7 J	8 J	23	6 BJ	24	22
Acetone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		D2868	D2843	D2843	D2888	D2868	D2888	D2888
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	SAQT101XXX92XX	SAQT101XXX92XX	SAQT102XXX92XX	-	SAQT102XXX92XX	SAQT102XXX92XX

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
SAMPLE LOCATION:		SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
LAB NUMBER:		1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE ANALYZED:		11/05/92	11/04/92	11/04/92	11/06/92	11/05/92	11/06/92	11/06/92
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	10	10 UJ	10 U	10 U	23 UJ	10 UJ	24 UJ	22 UJ
Acetone	10	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Carbon Disulfide	10	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U
Tetrachloroethene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		D2868	D2843	D2843	D2888	D2868	D2888	D2888
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	SAQT101XXX92XX	SAQT101XXX92XX	SAQT102XXX92XX	-	SAQT102XXX92XX	SAQT102XXX92XX

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

	SAMPLE LOCATION:	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
	LAB NUMBER:	1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
	DATE ANALYZED:	11/05/92	11/04/92	11/04/92	11/06/92	11/05/92	11/06/92	11/06/92
ANALYTE	SOW-3/90 - II CRQL							
Chloromethane	10	-	-	-	-	-	-	-
Bromomethane	10	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-
Methylene Chloride	10	-	-	-	-	-	-	-
Acetone	10	-	-	-	-	-	-	-
Carbon Disulfide	10	-	-	-	-	-	-	-
1,1-Dichloroethene	10	-	-	-	-	-	-	-
1,1-Dichloroethane	10	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	10	-	-	-	-	-	-	-
Chloroform	10	-	-	-	-	-	-	-
1,2-Dichloroethane	10	-	-	-	-	-	-	-
2-Butanone	10	-	-	-	-	-	-	-
1,1,1-Trichloroethane	10	-	-	-	-	-	-	-
Carbon Tetrachloride	10	-	-	-	-	-	-	-
Bromodichloromethane	10	-	-	-	-	-	-	-
1,2-Dichloropropane	10	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10	-	-	-	-	-	-	-
Trichloroethene	10	-	-	-	-	-	-	-
Dibromochloromethane	10	-	-	-	-	-	-	-
1,1,2-Trichloroethane	10	-	-	-	-	-	-	-
Benzene	10	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10	-	-	-	-	-	-	-
Bromoform	10	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	10	-	-	-	-	-	-	-
2-Hexanone	10	-	-	-	-	-	-	-
Tetrachloroethene	10	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	10	-	-	-	-	-	-	-
Toluene	10	-	-	-	-	-	-	-
Chlorobenzene	10	-	-	-	-	-	-	-
Ethylbenzene	10	-	-	-	-	-	-	-
Styrene	10	-	-	-	-	-	-	-
Total Xylenes	10	-	-	-	-	-	-	-
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		D2868	D2843	D2843	D2888	D2868	D2888	D2888
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	SAQT101XXX92XX	SAQT101XXX92XX	SAQT102XXX92XX	-	SAQT102XXX92XX	SAQT102XXX92XX

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II CRQL	SAMPLE LOCATION: SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
		LAB NUMBER: 1452403 #	1454408 #	1454405 #	1455704 #	1452406 #	1455705 #	1455706 #
		DATE SAMPLED: 10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
		DATE ANALYZED: 11/03/92	11/04/92	11/04/92	11/06/92	11/03/92	11/06/92	11/06/92
Chloromethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Bromomethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Vinyl Chloride	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Chloroethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Methylene Chloride	10	12 BJ	4 J	23 U	11 BJ	33 B	25 J	10 BJ
Acetone	10	21 B	22 U	23 U	19 U	130 B	30 U	18 U
Carbon Disulfide	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
1,1-Dichloroethene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
1,1-Dichloroethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
1,2-Dichloroethene (total)	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Chloroform	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
1,2-Dichloroethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
2-Butanone	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
1,1,1-Trichloroethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Carbon Tetrachloride	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Bromodichloromethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
1,2-Dichloropropane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
cis-1,3-Dichloropropene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Trichloroethene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Dibromochloromethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
1,1,2-Trichloroethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Benzene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
trans-1,3-Dichloropropene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Bromoform	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
4-Methyl-2-Pentanone	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
2-Hexanone	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Tetrachloroethene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
1,1,2,2-Tetrachloroethane	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Toluene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Chlorobenzene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Ethylbenzene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Styrene	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Total Xylenes	10	15 U	22 U	23 U	19 U	20 U	30 U	18 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		68	46	43	53	51	33	56
Associated Method Blank:		K4487	E8327	E8327	E8370	K4487	E8356	E8370
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
SAMPLE LOCATION:		SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:		1452403 #	1454408 #	1454405 #	1455704 #	1452406 #	1455705 #	1455706 #
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE ANALYZED:		11/03/92	11/04/92	11/04/92	11/06/92	11/03/92	11/06/92	11/06/92
Chloromethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Bromomethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Vinyl Chloride	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Chloroethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Methylene Chloride	10	15 U	22 UJ	23 UJ	19 U	33 U	30 UJ	18 U
Acetone	10	21 U	22 UJ	23 UJ	19 U	130 U	30 UJ	18 U
Carbon Disulfide	10	15 UJ	22 UJ	23 UJ	19 U	20 UJ	30 UJ	18 U
1,1-Dichloroethene	10	15 UJ	22 UJ	23 UJ	19 U	20 UJ	30 UJ	18 U
1,1-Dichloroethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
1,2-Dichloroethene (total)	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Chloroform	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
1,2-Dichloroethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
2-Butanone	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
1,1,1-Trichloroethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Carbon Tetrachloride	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Bromodichloromethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
1,2-Dichloropropane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
cis-1,3-Dichloropropene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Trichloroethene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Dibromochloromethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
1,1,2-Trichloroethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Benzene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
trans-1,3-Dichloropropene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Bromoform	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
4-Methyl-2-Pentanone	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
2-Hexanone	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Tetrachloroethene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
1,1,2,2-Tetrachloroethane	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Toluene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Chlorobenzene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Ethylbenzene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Styrene	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Total Xylenes	10	15 U	22 UJ	23 UJ	19 U	20 U	30 UJ	18 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		68	46	43	53	51	33	56
Associated Method Blank:		K4487	E8327	E8327	E8370	K4487	E8356	E8370
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Volatile Organic Soil Analysis (ug/kg)

01/27/93

Table 3
Summary Table

SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:	1452403 #	1454408 #	1454405 #	1455704 #	1452406 #	1455705 #	1455706 #
DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE ANALYZED:	11/03/92	11/04/92	11/04/92	11/06/92	11/03/92	11/06/92	11/06/92

ANALYTE	SOW-3/90 - II CRQL							
Chloromethane	10	-	-	-	-	-	-	-
Bromomethane	10	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-
Methylene Chloride	10	-	-	-	-	-	-	-
Acetone	10	-	-	-	-	-	-	-
Carbon Disulfide	10	-	-	-	-	-	-	-
1,1-Dichloroethene	10	-	-	-	-	-	-	-
1,1-Dichloroethane	10	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	10	-	-	-	-	-	-	-
Chloroform	10	-	-	-	-	-	-	-
1,2-Dichloroethane	10	-	-	-	-	-	-	-
2-Butanone	10	-	-	-	-	-	-	-
1,1,1-Trichloroethane	10	-	-	-	-	-	-	-
Carbon Tetrachloride	10	-	-	-	-	-	-	-
Bromodichloromethane	10	-	-	-	-	-	-	-
1,2-Dichloropropane	10	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10	-	-	-	-	-	-	-
Trichloroethene	10	-	-	-	-	-	-	-
Dibromochloromethane	10	-	-	-	-	-	-	-
1,1,2-Trichloroethane	10	-	-	-	-	-	-	-
Benzene	10	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10	-	-	-	-	-	-	-
Bromoform	10	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	10	-	-	-	-	-	-	-
2-Hexanone	10	-	-	-	-	-	-	-
Tetrachloroethene	10	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	10	-	-	-	-	-	-	-
Toluene	10	-	-	-	-	-	-	-
Chlorobenzene	10	-	-	-	-	-	-	-
Ethylbenzene	10	-	-	-	-	-	-	-
Styrene	10	-	-	-	-	-	-	-
Total Xylenes	10	-	-	-	-	-	-	-
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		68	46	43	53	51	33	56
Associated Method Blank:		K4487	E8327	E8327	E8370	K4487	E8356	E8370
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Volatile Organic Soil Analysis (ug/kg) 01/27/93

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II CRQL	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
SAMPLE LOCATION:		SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:		1452404 #	1452405 #	1452407 #	1454404 #	1454401 #	1454403 #	1454402 #	1455707 #
DATE SAMPLED:		10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/29/92
DATE ANALYZED:		11/03/92	11/03/92	11/03/92	11/04/92	11/04/92	11/04/92	11/04/92	11/06/92
Chloromethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Bromomethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Vinyl Chloride	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Chloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Methylene Chloride	10	9 BJ	28 B	40 B	5 J	9 J	7 J	7 J	29 B
Acetone	10	19 B	24 B	36 B	11 U	11 U	14 U	11 U	15 U
Carbon Disulfide	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,1-Dichloroethene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,1-Dichloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,2-Dichloroethene (total)	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Chloroform	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,2-Dichloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
2-Butanone	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,1,1-Trichloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Carbon Tetrachloride	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Bromodichloromethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,2-Dichloropropane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
cis-1,3-Dichloropropene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Trichloroethene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Dibromochloromethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,1,2-Trichloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Benzene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
trans-1,3-Dichloropropene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Bromoform	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
4-Methyl-2-Pentanone	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
2-Hexanone	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Tetrachloroethene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,1,2,2-Tetrachloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Toluene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Chlorobenzene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Ethylbenzene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Styrene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Total Xylenes	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		67	71	66	94	90	70	90	65
Associated Method Blank:		K4487	K4487	K4487	E8327	E8327	E8327	E8327	E8370
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 1455708 #
DATE SAMPLED: 10/29/92
DATE ANALYZED: 11/06/92

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	16	U
Bromomethane	10	16	U
Vinyl Chloride	10	16	U
Chloroethane	10	16	U
Methylene Chloride	10	22	B
Acetone	10	16	U
Carbon Disulfide	10	16	U
1,1-Dichloroethene	10	16	U
1,1-Dichloroethane	10	16	U
1,2-Dichloroethene (total)	10	16	U
Chloroform	10	16	U
1,2-Dichloroethane	10	16	U
2-Butanone	10	16	U
1,1,1-Trichloroethane	10	16	U
Carbon Tetrachloride	10	16	U
Bromodichloromethane	10	16	U
1,2-Dichloropropane	10	16	U
cis-1,3-Dichloropropene	10	16	U
Trichloroethene	10	16	U
Dibromochloromethane	10	16	U
1,1,2-Trichloroethane	10	16	U
Benzene	10	16	U
trans-1,3-Dichloropropene	10	16	U
Bromoform	10	16	U
4-Methyl-2-Pentanone	10	16	U
2-Hexanone	10	16	U
Tetrachloroethene	10	16	U
1,1,2,2-Tetrachloroethane	10	16	U
Toluene	10	16	U
Chlorobenzene	10	16	U
Ethylbenzene	10	16	U
Styrene	10	16	U
Total Xylenes	10	16	U

Dilution Factor: 1.00
Percent Solids: 63

Associated Method Blank: E8370
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: -
Associated Trip Blank: -

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Volatile Organic Soil Analysis (ug/kg) 01/27/93

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAWT101XXX92XX 1452404 # 10/27/92 11/03/92	SAWT102XXX92XX 1452405 # 10/27/92 11/03/92	SAWT103XXX92XX 1452407 # 10/27/92 11/03/92	SAWT104XXX92XX 1454404 # 10/28/92 11/04/92	SAWT105XXX92XX 1454401 # 10/28/92 11/04/92	SAWT106XXX92XD 1454403 # 10/28/92 11/04/92	SAWT106XXX92XX 1454402 # 10/28/92 11/04/92	SAWT107XXX92XX 1455707 # 10/29/92 11/06/92
Chloromethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Bromomethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Vinyl Chloride	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Chloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Methylene Chloride	10	15 U	28 U	40 U	11 U	11 U	14 U	11 U	29 U
Acetone	10	19 U	24 U	36 U	11 U	11 U	14 U	11 U	15 U
Carbon Disulfide	10	15 UJ	14 UJ	15 UJ	11 U	11 U	14 U	11 U	15 U
1,1-Dichloroethene	10	15 UJ	14 UJ	15 UJ	11 U	11 U	14 U	11 U	15 U
1,1-Dichloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,2-Dichloroethene (total)	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Chloroform	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,2-Dichloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
2-Butanone	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,1,1-Trichloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Carbon Tetrachloride	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Bromodichloromethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,2-Dichloropropane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
cis-1,3-Dichloropropene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Trichloroethene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Dibromochloromethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,1,2-Trichloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Benzene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
trans-1,3-Dichloropropene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Bromoform	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
4-Methyl-2-Pentanone	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
2-Hexanone	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Tetrachloroethene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
1,1,2,2-Tetrachloroethane	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Toluene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Chlorobenzene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Ethylbenzene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Styrene	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Total Xylenes	10	15 U	14 U	15 U	11 U	11 U	14 U	11 U	15 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		67	71	66	94	90	70	90	65
Associated Method Blank:		K4487	K4487	K4487	E8327	E8327	E8327	E8327	E8370
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 1455708 #
DATE SAMPLED: 10/29/92
DATE ANALYZED: 11/06/92

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	16	U
Bromomethane	10	16	U
Vinyl Chloride	10	16	U
Chloroethane	10	16	U
Methylene Chloride	10	22	U
Acetone	10	16	U
Carbon Disulfide	10	16	U
1,1-Dichloroethene	10	16	U
1,1-Dichloroethane	10	16	U
1,2-Dichloroethene (total)	10	16	U
Chloroform	10	16	U
1,2-Dichloroethane	10	16	U
2-Butanone	10	16	U
1,1,1-Trichloroethane	10	16	U
Carbon Tetrachloride	10	16	U
Bromodichloromethane	10	16	U
1,2-Dichloropropane	10	16	U
cis-1,3-Dichloropropene	10	16	U
Trichloroethene	10	16	U
Dibromochloromethane	10	16	U
1,1,2-Trichloroethane	10	16	U
Benzene	10	16	U
trans-1,3-Dichloropropene	10	16	U
Bromoform	10	16	U
4-Methyl-2-Pentanone	10	16	U
2-Hexanone	10	16	U
Tetrachloroethene	10	16	U
1,1,2,2-Tetrachloroethane	10	16	U
Toluene	10	16	U
Chlorobenzene	10	16	U
Ethylbenzene	10	16	U
Styrene	10	16	U
Total Xylenes	10	16	U

Dilution Factor: 1.00
Percent Solids: 63

Associated Method Blank: E8370
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: -
Associated Trip Blank: -

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

	SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
	LAB NUMBER:	1452404 #	1452405 #	1452407 #	1454404 #	1454401 #	1454403 #	1454402 #	1455707 #
	DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/29/92
	DATE ANALYZED:	11/03/92	11/03/92	11/03/92	11/04/92	11/04/92	11/04/92	11/04/92	11/06/92
ANALYTE	SOW-3/90 - II CRQL								
Chloromethane	10	-	-	-	-	-	-	-	-
Bromomethane	10	-	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	-	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-	-
Methylene Chloride	10	-	-	-	-	-	-	-	-
Acetone	10	-	-	-	-	-	-	-	-
Carbon Disulfide	10	-	-	-	-	-	-	-	-
1,1-Dichloroethene	10	-	-	-	-	-	-	-	-
1,1-Dichloroethane	10	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	10	-	-	-	-	-	-	-	-
Chloroform	10	-	-	-	-	-	-	-	-
1,2-Dichloroethane	10	-	-	-	-	-	-	-	-
2-Butanone	10	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	10	-	-	-	-	-	-	-	-
Carbon Tetrachloride	10	-	-	-	-	-	-	-	-
Bromodichloromethane	10	-	-	-	-	-	-	-	-
1,2-Dichloropropane	10	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10	-	-	-	-	-	-	-	-
Trichloroethene	10	-	-	-	-	-	-	-	-
Dibromochloromethane	10	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	10	-	-	-	-	-	-	-	-
Benzene	10	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10	-	-	-	-	-	-	-	-
Bromoform	10	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	10	-	-	-	-	-	-	-	-
2-Hexanone	10	-	-	-	-	-	-	-	-
Tetrachloroethene	10	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	10	-	-	-	-	-	-	-	-
Toluene	10	-	-	-	-	-	-	-	-
Chlorobenzene	10	-	-	-	-	-	-	-	-
Ethylbenzene	10	-	-	-	-	-	-	-	-
Styrene	10	-	-	-	-	-	-	-	-
Total Xylenes	10	-	-	-	-	-	-	-	-
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		67	71	66	94	90	70	90	65
Associated Method Blank:		K4487	K4487	K4487	E8327	E8327	E8327	E8327	E8370
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 1455708 #
DATE SAMPLED: 10/29/92
DATE ANALYZED: 11/06/92

ANALYTE	SOW-3/90 - II CRQL	
hloromethane	10	-
romomethane	10	-
inyl Chloride	10	-
hloroethane	10	-
ethylene Chloride	10	-
cetone	10	-
arbon Disulfide	10	-
,1-Dichloroethene	10	-
,1-Dichloroethane	10	-
,2-Dichloroethene (total)	10	-
hloroform	10	-
,2-Dichloroethane	10	-
-Butanone	10	-
,1,1-Trichloroethane	10	-
arbon Tetrachloride	10	-
romodichloromethane	10	-
,2-Dichloropropane	10	-
is-1,3-Dichloropropene	10	-
richloroethene	10	-
ibromochloromethane	10	-
,1,2-Trichloroethane	10	-
enzene	10	-
rans-1,3-Dichloropropene	10	-
romoform	10	-
-Methyl-2-Pentanone	10	-
-Hexanone	10	-
etrachloroethene	10	-
,1,2,2-Tetrachloroethane	10	-
oluene	10	-
Chlorobenzene	10	-
Ethylbenzene	10	-
Styrene	10	-
Total Xylenes	10	-

Dilution Factor: 1.00
Percent Solids: 63

Associated Method Blank: E8370
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: -
Associated Trip Blank: -

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Semivolatile Organic Aqueous Analysis (ug/L)

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II CRQL	SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD
SAMPLE LOCATION:									
LAB NUMBER:		1482201 #	1480007	1482202 #	1480005	1480005 D	1480008	1480010	1480004
DATE SAMPLED:		11/18/92	11/17/92	11/18/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE EXTRACTED:		11/22/92	11/21/92	11/22/92	11/21/92	11/21/92	11/21/92	11/21/92	11/21/92
DATE ANALYZED:		12/19/92	11/29/92	12/19/92	11/29/92	11/30/92	11/30/92	11/30/92	11/29/92
Phenol	10	10 U	10 U	10 U	490 E	660 D	6 J	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	3 DJ	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U	10 U	100 U	1 J	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II CRQL	SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD
SAMPLE LOCATION:		SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD
LAB NUMBER:		1482201 #	1480007	1482202 #	1480005	1480005 D	1480008	1480010	1480004
DATE SAMPLED:		11/18/92	11/17/92	11/18/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE EXTRACTED:		11/22/92	11/21/92	11/22/92	11/21/92	11/21/92	11/21/92	11/21/92	11/21/92
DATE ANALYZED:		12/19/92	11/29/92	12/19/92	11/29/92	11/30/92	11/30/92	11/30/92	11/29/92
3-Nitroaniline	25	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
Acenaphthene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,4-Dinitrophenol	25	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
4-Nitrophenol	25	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
Dibenzofuran	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-Nitroaniline	25	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Pentachlorophenol	25	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
Phenanthrene	10	10 U	10 U	10 U	10 U	100 U	1 J	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Carbazole	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Benzo(a)Anthracene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	5 J	1 BJ	4 J	24 B	35 BDJ	4 BJ	8 BJ	12 B
Di-n-octylphthalate	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	10.0	1.00	1.00	1.00
Associated Method Blank:		B1457	H8989	B1457	H8989	H8989	H8989	H8989	H8989
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SAMWXX1X1392XX	SAMWXX5XX792XX	SAMWXX5XX792XX
LAB NUMBER:	1480001	1480009	1480009 R
DATE SAMPLED:	11/17/92	11/17/92	11/17/92
DATE EXTRACTED:	11/21/92	11/21/92	11/21/92
DATE ANALYZED:	11/29/92	11/30/92	12/01/92

ANALYTE	SOW-3/90 - II CRQL						
Phenol	10	10	U	10	U	10	U
bis(2-Chloroethyl)ether	10	10	U	10	U	10	U
2-Chlorophenol	10	10	U	10	U	10	U
1,3-Dichlorobenzene	10	10	U	10	U	10	U
1,4-Dichlorobenzene	10	10	U	10	U	10	U
1,2-Dichlorobenzene	10	10	U	10	U	10	U
2-Methylphenol	10	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	10	U	10	U	10	U
4-Methylphenol	10	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	10	U	10	U	10	U
Hexachloroethane	10	10	U	10	U	10	U
Nitrobenzene	10	10	U	10	U	10	U
Isophorone	10	10	U	10	U	10	U
2-Nitrophenol	10	10	U	10	U	10	U
2,4-Dimethylphenol	10	10	U	10	U	10	U
bis(2-Chloroethoxy)methane	10	10	U	10	U	10	U
2,4-Dichlorophenol	10	10	U	10	U	10	U
1,2,4-Trichlorobenzene	10	10	U	10	U	10	U
Naphthalene	10	10	U	10	U	10	U
4-Chloroaniline	10	10	U	10	U	10	U
Hexachlorobutadiene	10	10	U	10	U	10	U
4-Chloro-3-Methylphenol	10	10	U	10	U	10	U
2-Methylnaphthalene	10	10	U	1	J	10	U
Hexachlorocyclopentadiene	10	10	U	10	U	10	U
2,4,6-Trichlorophenol	10	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	25	U	25	U	25	U
2-Chloronaphthalene	10	10	U	10	U	10	U
2-Nitroaniline	25	25	U	25	U	25	U
Dimethylphthalate	10	10	U	10	U	10	U
Acenaphthylene	10	10	U	10	U	10	U
2,6-Dinitrotoluene	10	10	U	10	U	10	U

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAMWXX1X1392XX	SAMWXX5XX792XX	SAMWXX5XX792XX
	LAB NUMBER:	1480001	1480009	1480009 R
	DATE SAMPLED:	11/17/92	11/17/92	11/17/92
	DATE EXTRACTED:	11/21/92	11/21/92	11/21/92
	DATE ANALYZED:	11/29/92	11/30/92	12/01/92
ANALYTE	SOW-3/90 - II CRQL			
3-Nitroaniline	25	25 U	25 U	25 U
Acenaphthene	10	10 U	10 U	3 J
2,4-Dinitrophenol	25	25 U	25 U	25 U
4-Nitrophenol	25	25 U	25 U	25 U
Dibenzofuran	10	10 U	2 J	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U
Fluorene	10	10 U	5 J	4 J
4-Nitroaniline	25	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U
N-Nitrosodiphenylamine	10	10 U	10 U	13
4-Bromophenyl-phenylether	10	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U
Pentachlorophenol	25	25 U	25 U	25 U
Phenanthrene	10	10 U	1 J	1 J
Anthracene	10	10 U	10 U	10 U
Carbazole	10	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U
Fluoranthene	10	10 U	2 J	2 J
Pyrene	10	10 U	2 J	2 J
Butylbenzylphthalate	10	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	10 U	10 U	10 U
Benzo(a)Anthracene	10	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	12 B	15 B	13 B
Di-n-octylphthalate	10	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00

Associated Method Blank:		H8989	H8989	H8989
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
	LAB NUMBER:	1482201 #	1480007	1482202 #	1480005	1480008	1480010	1480004	1480001
	DATE SAMPLED:	11/18/92	11/17/92	11/18/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
	DATE EXTRACTED:	11/22/92	11/21/92	11/22/92	11/21/92	11/21/92	11/21/92	11/21/92	11/21/92
	DATE ANALYZED:	12/19/92	11/29/92	12/19/92	11/29/92	11/30/92	11/30/92	11/29/92	11/29/92
ANALYTE	SOW-3/90 - II CRQL								
Phenol	10	10 U	10 U	10 U	660 D	6 JJ	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U	10 U	1 JJ	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 UJ	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
SAMPLE LOCATION:		SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
LAB NUMBER:		1482201 #	1480007	1482202 #	1480005	1480008	1480010	1480004	1480001
DATE SAMPLED:		11/18/92	11/17/92	11/18/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE EXTRACTED:		11/22/92	11/21/92	11/22/92	11/21/92	11/21/92	11/21/92	11/21/92	11/21/92
DATE ANALYZED:		12/19/92	11/29/92	12/19/92	11/29/92	11/30/92	11/30/92	11/29/92	11/29/92
-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
cenaphthene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
,4-Dinitrophenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
-Nitrophenol	25	25 U	25 U	25 U	25 U	25 UJ	25 UJ	25 U	25 U
ibenzofuran	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U
iethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U
luorene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
-Nitrosodiphenylamine	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
-Bromophenyl-phenylether	10	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ
exachlorobenzene	10	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ
entachlorophenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
henanthrene	10	10 U	10 U	10 U	10 U	1 JJ	10 U	10 U	10 U
nthracene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
arbazole	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
i-n-butylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
luoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
yrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
utylbenzylphthalate	10	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ
,3'-Dichlorobenzidine	10	10 U	10 UJ	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
enzo(a)Anthracene	10	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ
hrysene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
is(2-Ethylhexyl)phthalate	10	10 U	10 UJ	10 U	24 J	10 UJ	10 UJ	12 J	12 J
i-n-octylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(b)Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(a)Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ndeno(1,2,3-c,d)Pyrene	10	10 UJ	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
ibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		B1457	H8989	B1457	H8989	H8989	H8989	H8989	H8989
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 1480009 R
DATE SAMPLED: 11/17/92
DATE EXTRACTED: 11/21/92
DATE ANALYZED: 12/01/92

ANALYTE	SOW-3/90 - II CRQL		
henol	10	10	U
is(2-Chloroethyl)ether	10	10	U
-Chlorophenol	10	10	U
,3-Dichlorobenzene	10	10	U
,4-Dichlorobenzene	10	10	U
,2-Dichlorobenzene	10	10	U
-Methylphenol	10	10	U
,2'-oxybis(1-Chloropropane)	10	10	U
-Methylphenol	10	10	U
-Nitroso-di-n-propylamine	10	10	U
exachloroethane	10	10	U
itrobenzene	10	10	U
sophorone	10	10	U
-Nitrophenol	10	10	U
,4-Dimethylphenol	10	10	U
is(2-Chloroethoxy)methane	10	10	U
,4-Dichlorophenol	10	10	U
,2,4-Trichlorobenzene	10	10	U
aphthalene	10	10	U
-Chloroaniline	10	10	U
exachlorobutadiene	10	10	U
-Chloro-3-Methylphenol	10	10	U
-Methylnaphthalene	10	10	U
exachlorocyclopentadiene	10	10	U
2,4,6-Trichlorophenol	10	10	U
2,4,5-Trichlorophenol	25	25	U
-Chloronaphthalene	10	10	U
-Nitroaniline	25	25	U
imethylphthalate	10	10	U
cenaphthylene	10	10	U
2,6-Dinitrotoluene	10	10	U

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 1480009 R
DATE SAMPLED: 11/17/92
DATE EXTRACTED: 11/21/92
DATE ANALYZED: 12/01/92

ANALYTE	SOW-3/90 - II CRQL		
3-Nitroaniline	25	25	U
Acenaphthene	10	3	JJ
2,4-Dinitrophenol	25	25	U
4-Nitrophenol	25	25	U
Dibenzofuran	10	10	U
2,4-Dinitrotoluene	10	10	U
Diethylphthalate	10	10	U
4-Chlorophenyl-phenylether	10	10	U
Fluorene	10	4	JJ
4-Nitroaniline	25	25	U
4,6-Dinitro-2-methylphenol	25	25	U
N-Nitrosodiphenylamine	10	13	
4-Bromophenyl-phenylether	10	10	U
Hexachlorobenzene	10	10	UJ
Pentachlorophenol	25	25	U
Phenanthrene	10	1	JJ
Anthracene	10	10	U
Carbazole	10	10	U
Di-n-butylphthalate	10	10	U
Fluoranthene	10	2	JJ
Pyrene	10	2	JJ
Butylbenzylphthalate	10	10	UJ
3,3'-Dichlorobenzidine	10	10	UJ
Benzo(a)Anthracene	10	10	UJ
Chrysene	10	10	UJ
bis(2-Ethylhexyl)phthalate	10	13	UJ
Di-n-octylphthalate	10	10	U
Benzo(b)Fluoranthene	10	10	U
Benzo(k)Fluoranthene	10	10	U
Benzo(a)Pyrene	10	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	U
Dibenz(a,h)Anthracene	10	10	U
Benzo(g,h,i)perylene	10	10	U
Dilution Factor:		1.00	

Associated Method Blank: H8989
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
SAMPLE LOCATION:									
LAB NUMBER:		1482201 #	1480007	1482202 #	1480005	1480008	1480010	1480004	1480001
DATE SAMPLED:		11/18/92	11/17/92	11/18/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE EXTRACTED:		11/22/92	11/21/92	11/22/92	11/21/92	11/21/92	11/21/92	11/21/92	11/21/92
DATE ANALYZED:		12/19/92	11/29/92	12/19/92	11/29/92	11/30/92	11/30/92	11/29/92	11/29/92
Phenol	10	-	-	-	660 D	6 JJ	-	-	-
bis(2-Chloroethyl)ether	10	-	-	-	-	-	-	-	-
2-Chlorophenol	10	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	10	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	10	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	10	-	-	-	-	-	-	-	-
2-Methylphenol	10	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	10	-	-	-	-	1 JJ	-	-	-
4-Methylphenol	10	-	-	-	-	-	-	-	-
N-Nitroso-di-n-propylamine	10	-	-	-	-	-	-	-	-
Hexachloroethane	10	-	-	-	-	-	-	-	-
Nitrobenzene	10	-	-	-	-	-	-	-	-
Isophorone	10	-	-	-	-	-	-	-	-
2-Nitrophenol	10	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	10	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	10	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	10	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	10	-	-	-	-	-	-	-	-
Naphthalene	10	-	-	-	-	-	-	-	-
4-Chloroaniline	10	-	-	-	-	-	-	-	-
Hexachlorobutadiene	10	-	-	-	-	-	-	-	-
4-Chloro-3-Methylphenol	10	-	-	-	-	-	-	-	-
2-Methylnaphthalene	10	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	10	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	10	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	25	-	-	-	-	-	-	-	-
2-Chloronaphthalene	10	-	-	-	-	-	-	-	-
2-Nitroaniline	25	-	-	-	-	-	-	-	-
Dimethylphthalate	10	-	-	-	-	-	-	-	-
Acenaphthylene	10	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION:	SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
LAB NUMBER:	1482201 #	1480007	1482202 #	1480005	1480008	1480010	1480004	1480001
DATE SAMPLED:	11/18/92	11/17/92	11/18/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE EXTRACTED:	11/22/92	11/21/92	11/22/92	11/21/92	11/21/92	11/21/92	11/21/92	11/21/92
DATE ANALYZED:	12/19/92	11/29/92	12/19/92	11/29/92	11/30/92	11/30/92	11/29/92	11/29/92

ANALYTE	SOW-3/90 - II CRQL								
3-Nitroaniline	25	-	-	-	-	-	-	-	-
Acenaphthene	10	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	25	-	-	-	-	-	-	-	-
4-Nitrophenol	25	-	-	-	-	-	-	-	-
Dibenzofuran	10	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-
Diethylphthalate	10	-	-	-	-	-	-	-	-
4-Chlorophenyl-phenylether	10	-	-	-	-	-	-	-	-
Fluorene	10	-	-	-	-	-	-	-	-
4-Nitroaniline	25	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	25	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-
4-Bromophenyl-phenylether	10	-	-	-	-	-	-	-	-
Hexachlorobenzene	10	-	-	-	-	-	-	-	-
Pentachlorophenol	25	-	-	-	-	-	-	-	-
Phenanthrene	10	-	-	-	-	1 JJ	-	-	-
Anthracene	10	-	-	-	-	-	-	-	-
Carbazole	10	-	-	-	-	-	-	-	-
Di-n-butylphthalate	10	-	-	-	-	-	-	-	-
Fluoranthene	10	-	-	-	-	-	-	-	-
Pyrene	10	-	-	-	-	-	-	-	-
Butylbenzylphthalate	10	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	10	-	-	-	-	-	-	-	-
Benzo(a)Anthracene	10	-	-	-	-	-	-	-	-
Chrysene	10	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	10	-	-	-	24 J	-	-	12 J	12 J
Di-n-octylphthalate	10	-	-	-	-	-	-	-	-
Benzo(b)Fluoranthene	10	-	-	-	-	-	-	-	-
Benzo(k)Fluoranthene	10	-	-	-	-	-	-	-	-
Benzo(a)Pyrene	10	-	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)Pyrene	10	-	-	-	-	-	-	-	-
Dibenz(a,h)Anthracene	10	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	10	-	-	-	-	-	-	-	-
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		B1457	H8989	B1457	H8989	H8989	H8989	H8989	H8989
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 1480009 R
DATE SAMPLED: 11/17/92
DATE EXTRACTED: 11/21/92
DATE ANALYZED: 12/01/92

ANALYTE	SOW-3/90 - II CRQL	
Phenol	10	-
bis(2-Chloroethyl)ether	10	-
2-Chlorophenol	10	-
1,3-Dichlorobenzene	10	-
1,4-Dichlorobenzene	10	-
1,2-Dichlorobenzene	10	-
2-Methylphenol	10	-
2,2'-oxybis(1-Chloropropane)	10	-
4-Methylphenol	10	-
N-Nitroso-di-n-propylamine	10	-
Hexachloroethane	10	-
Nitrobenzene	10	-
Isophorone	10	-
2-Nitrophenol	10	-
2,4-Dimethylphenol	10	-
bis(2-Chloroethoxy)methane	10	-
2,4-Dichlorophenol	10	-
1,2,4-Trichlorobenzene	10	-
Naphthalene	10	-
4-Chloroaniline	10	-
Hexachlorobutadiene	10	-
4-Chloro-3-Methylphenol	10	-
2-Methylnaphthalene	10	-
Hexachlorocyclopentadiene	10	-
2,4,6-Trichlorophenol	10	-
2,4,5-Trichlorophenol	25	-
2-Chloronaphthalene	10	-
2-Nitroaniline	25	-
Dimethylphthalate	10	-
Acenaphthylene	10	-
2,6-Dinitrotoluene	10	-

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 1480009 R
DATE SAMPLED: 11/17/92
DATE EXTRACTED: 11/21/92
DATE ANALYZED: 12/01/92

ANALYTE	SOW-3/90 - II CRQL		
3-Nitroaniline	25	-	
Acenaphthene	10	3	JJ
2,4-Dinitrophenol	25	-	
4-Nitrophenol	25	-	
Dibenzofuran	10	-	
2,4-Dinitrotoluene	10	-	
Diethylphthalate	10	-	
4-Chlorophenyl-phenylether	10	-	
Fluorene	10	4	JJ
4-Nitroaniline	25	-	
4,6-Dinitro-2-methylphenol	25	-	
N-Nitrosodiphenylamine	10	13	
4-Bromophenyl-phenylether	10	-	
Hexachlorobenzene	10	-	
Pentachlorophenol	25	-	
Phenanthrene	10	1	JJ
Anthracene	10	-	
Carbazole	10	-	
Di-n-butylphthalate	10	-	
Fluoranthene	10	2	JJ
Pyrene	10	2	JJ
Butylbenzylphthalate	10	-	
3,3'-Dichlorobenzidine	10	-	
Benzo(a)Anthracene	10	-	
Chrysene	10	-	
bis(2-Ethylhexyl)phthalate	10	-	
Di-n-octylphthalate	10	-	
Benzo(b)Fluoranthene	10	-	
Benzo(k)Fluoranthene	10	-	
Benzo(a)Pyrene	10	-	
Indeno(1,2,3-c,d)Pyrene	10	-	
Dibenz(a,h)Anthracene	10	-	
Benzo(g,h,i)perylene	10	-	
Dilution Factor:		1.00	

Associated Method Blank: H8989
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -

Site: MONITORING WELL
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401 #	1451402 #	1451403 #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE EXTRACTED:	10/29/92	10/29/92	10/29/92
	DATE ANALYZED:	11/07/92	11/07/92	11/08/92
ANALYTE	SOW-3/90 - II CRQL			
Phenol	10	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
LAB NUMBER:	1451401 #	1451402 #	1451403 #
DATE SAMPLED:	10/26/92	10/26/92	10/26/92
DATE EXTRACTED:	10/29/92	10/29/92	10/29/92
DATE ANALYZED:	11/07/92	11/07/92	11/08/92

ANALYTE	SOW-3/90 - II CRQL			
3-Nitroaniline	25	25 U	25 U	25 U
Acenaphthene	10	10 U	10 U	10 U
2,4-Dinitrophenol	25	25 U	25 U	25 U
4-Nitrophenol	25	25 U	25 U	25 U
Dibenzofuran	10	10 U	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U
4-Nitroaniline	25	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U
Pentachlorophenol	25	25 U	25 U	25 U
Phenanthrene	10	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U
Carbazole	10	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	10 U	10 U	10 U
Benzo(a)Anthracene	10	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	10 U	1 J	10 U
Di-n-octylphthalate	10	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00
Associated Method Blank:		B0813	B0813	B0813
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401 #	1451402 #	1451403 #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE EXTRACTED:	10/29/92	10/29/92	10/29/92
	DATE ANALYZED:	11/07/92	11/07/92	11/08/92
ANALYTE	SOW-3/90 - II CRQL			
Phenol	10	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 UJ	10 UJ	10 UJ
2,4,6-Trichlorophenol	10	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401 #	1451402 #	1451403 #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE EXTRACTED:	10/29/92	10/29/92	10/29/92
	DATE ANALYZED:	11/07/92	11/07/92	11/08/92
ANALYTE	SOW-3/90 - II CRQL			
3-Nitroaniline	25	25 U	25 U	25 U
Acenaphthene	10	10 U	10 U	10 U
2,4-Dinitrophenol	25	25 U	25 U	25 U
4-Nitrophenol	25	25 U	25 U	25 U
Dibenzofuran	10	10 U	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U
4-Nitroaniline	25	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U
Pentachlorophenol	25	25 U	25 U	25 U
Phenanthrene	10	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U
Carbazole	10	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U
Pyrene	10	10 UJ	10 UJ	10 UJ
Butylbenzylphthalate	10	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	10 U	10 U	10 U
Benzo(a)Anthracene	10	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	10 U	1 JJ	10 U
Di-n-octylphthalate	10	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00
Associated Method Blank:		B0813	B0813	B0813
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401 #	1451402 #	1451403 #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE EXTRACTED:	10/29/92	10/29/92	10/29/92
	DATE ANALYZED:	11/07/92	11/07/92	11/08/92
ANALYTE	SOW-3/90 - II CRQL			
Phenol	10	-	-	-
bis(2-Chloroethyl)ether	10	-	-	-
2-Chlorophenol	10	-	-	-
1,3-Dichlorobenzene	10	-	-	-
1,4-Dichlorobenzene	10	-	-	-
1,2-Dichlorobenzene	10	-	-	-
2-Methylphenol	10	-	-	-
2,2'-oxybis(1-Chloropropane)	10	-	-	-
4-Methylphenol	10	-	-	-
N-Nitroso-di-n-propylamine	10	-	-	-
Hexachloroethane	10	-	-	-
Nitrobenzene	10	-	-	-
Isophorone	10	-	-	-
2-Nitrophenol	10	-	-	-
2,4-Dimethylphenol	10	-	-	-
bis(2-Chloroethoxy)methane	10	-	-	-
2,4-Dichlorophenol	10	-	-	-
1,2,4-Trichlorobenzene	10	-	-	-
Naphthalene	10	-	-	-
4-Chloroaniline	10	-	-	-
Hexachlorobutadiene	10	-	-	-
4-Chloro-3-Methylphenol	10	-	-	-
2-Methylnaphthalene	10	-	-	-
Hexachlorocyclopentadiene	10	-	-	-
2,4,6-Trichlorophenol	10	-	-	-
2,4,5-Trichlorophenol	25	-	-	-
2-Chloronaphthalene	10	-	-	-
2-Nitroaniline	25	-	-	-
Dimethylphthalate	10	-	-	-
Acenaphthylene	10	-	-	-
2,6-Dinitrotoluene	10	-	-	-

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401 #	1451402 #	1451403 #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE EXTRACTED:	10/29/92	10/29/92	10/29/92
	DATE ANALYZED:	11/07/92	11/07/92	11/08/92
ANALYTE	SOW-3/90 - II CRQL			
3-Nitroaniline	25	-	-	-
Acenaphthene	10	-	-	-
2,4-Dinitrophenol	25	-	-	-
4-Nitrophenol	25	-	-	-
Dibenzofuran	10	-	-	-
2,4-Dinitrotoluene	10	-	-	-
Diethylphthalate	10	-	-	-
4-Chlorophenyl-phenylether	10	-	-	-
Fluorene	10	-	-	-
4-Nitroaniline	25	-	-	-
4,6-Dinitro-2-methylphenol	25	-	-	-
N-Nitrosodiphenylamine	10	-	-	-
4-Bromophenyl-phenylether	10	-	-	-
Hexachlorobenzene	10	-	-	-
Pentachlorophenol	25	-	-	-
Phenanthrene	10	-	-	-
Anthracene	10	-	-	-
Carbazole	10	-	-	-
Di-n-butylphthalate	10	-	-	-
Fluoranthene	10	-	-	-
Pyrene	10	-	-	-
Butylbenzylphthalate	10	-	-	-
3,3'-Dichlorobenzidine	10	-	-	-
Benzo(a)Anthracene	10	-	-	-
Chrysene	10	-	-	-
bis(2-Ethylhexyl)phthalate	10	-	1 JJ	-
Di-n-octylphthalate	10	-	-	-
Benzo(b)Fluoranthene	10	-	-	-
Benzo(k)Fluoranthene	10	-	-	-
Benzo(a)Pyrene	10	-	-	-
Indeno(1,2,3-c,d)Pyrene	10	-	-	-
Dibenz(a,h)Anthracene	10	-	-	-
Benzo(g,h,i)perylene	10	-	-	-
Dilution Factor:		1.00	1.00	1.00
Associated Method Blank:		B0813	B0813	B0813
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: LEACHATE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAQS101XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS103XXX92XX
	LAB NUMBER:	1454413	1454414	1454414 R	1480006
	DATE SAMPLED:	10/28/92	10/28/92	10/28/92	11/17/92
	DATE EXTRACTED:	11/02/92	11/02/92	11/10/92	11/21/92
	DATE ANALYZED:	11/17/92	11/06/92	11/13/92	11/29/92
ANALYTE	SOW-3/90 - II CRQL				
Phenol	10	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U

Site: EQUIPMENT RINSATE
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable
J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAQS101XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS103XXX92XX
	LAB NUMBER:	1454413	1454414	1454414 R	1480006
	DATE SAMPLED:	10/28/92	10/28/92	10/28/92	11/17/92
	DATE EXTRACTED:	11/02/92	11/02/92	11/10/92	11/21/92
	DATE ANALYZED:	11/17/92	11/06/92	11/13/92	11/29/92
ANALYTE	SOW-3/90 - II CRQL				
3-Nitroaniline	25	25 U	25 U	25 U	25 U
Acenaphthene	10	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25	25 U	25 U	25 U	25 U
4-Nitrophenol	25	25 U	25 U	25 U	25 U
Dibenzofuran	10	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U
Diethylphthalate	10	2 J	10 U	10 U	1 J
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U
4-Nitroaniline	25	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U
Pentachlorophenol	25	25 U	25 U	25 U	25 U
Phenanthrene	10	10 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U
Carbazole	10	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	11	1 J	5 J	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U
Butylbenzylphthalate	10	3 J	10 U	1 J	1 J
3,3'-Dichlorobenzidine	10	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	10	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	10 U	10 U	2 J	1 BJ
Di-n-octylphthalate	10	10 U	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00
Associated Method Blank:		H8830	H8830	F3071	H8989
Associated Equipment Blank:		-	-	-	-
Associated Field Blank:		-	-	-	-

Site: EQUIPMENT RINSATE
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable
J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
	LAB NUMBER:	1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
	DATE EXTRACTED:	10/30/92	11/02/92	11/02/92	11/04/92	10/30/92	11/04/92	11/04/92
	DATE ANALYZED:	11/10/92	11/06/92	11/06/92	11/12/92	11/10/92	11/12/92	11/12/92
ANALYTE	SOW-3/90 - II CRQL							
Phenol	10	10 U	10 U	1 J	10 U	12	10 U	8 J
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	1 J	10 U	1 J
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	1 J	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	4 J	10 U	1 J
4-Chloroaniline	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	1 J	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
	LAB NUMBER:	1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
	DATE EXTRACTED:	10/30/92	11/02/92	11/02/92	11/04/92	10/30/92	11/04/92	11/04/92
	DATE ANALYZED:	11/10/92	11/06/92	11/06/92	11/12/92	11/10/92	11/12/92	11/12/92
ANALYTE	SOW-3/90 - II CRQL							
-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
cenaphthene	10	10 U	10 U	10 U	10 U	1 J	10 U	10 U
,4-Dinitrophenol	25	25 U	1 J	1 J	25 U	25 U	25 U	25 U
-Nitrophenol	25	25 U	25 U	25 U	25 U	1 J	25 U	1 J
ibenzofuran	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
iethylphthalate	10	10 U	10 U	10 U	1 J	10 U	10 U	10 U
-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
luorene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
-Nitrosodiphenylamine	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
-Bromophenyl-phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
exachlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
entachlorophenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
henanthrene	10	10 U	10 U	10 U	10 U	2 J	10 U	1 J
nthracene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
arbazole	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
i-n-butylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
luoranthene	10	10 U	10 U	10 U	10 U	1 J	10 U	10 U
yrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
utylbenzylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
,3'-Dichlorobenzidine	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(a)Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
hrysene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
is(2-Ethylhexyl)phthalate	10	10 U	10 U	10 U	10 U	10 U	1 J	10 U
i-n-octylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(b)Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(a)Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ndeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
enzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		F3030	H8830	H8830	F3049	F3030	F3049	F3049
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
	LAB NUMBER:	1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
	DATE EXTRACTED:	10/30/92	11/02/92	11/02/92	11/04/92	10/30/92	11/04/92	11/04/92
	DATE ANALYZED:	11/10/92	11/06/92	11/06/92	11/12/92	11/10/92	11/12/92	11/12/92
ANALYTE	SOW-3/90 - II CRQL							
Phenol	10	10 U	10 U	1 JJ	10 U	12	10 U	8 JJ
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	1 JJ	10 U	1 JJ
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	1 JJ	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	4 JJ	10 U	1 JJ
4-Chloroaniline	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	1 JJ	10 U	10 U
Hexachlorocyclopentadiene	10	10 UJ	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
LAB NUMBER:	1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE EXTRACTED:	10/30/92	11/02/92	11/02/92	11/04/92	10/30/92	11/04/92	11/04/92
DATE ANALYZED:	11/10/92	11/06/92	11/06/92	11/12/92	11/10/92	11/12/92	11/12/92

ANALYTE	SOW-3/90 - II CRQL							
3-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	10	10 U	10 U	10 U	10 U	1 JJ	10 U	10 U
2,4-Dinitrophenol	25	25 U	1 JJ	1 JJ	25 UJ	25 U	25 UJ	25 UJ
4-Nitrophenol	25	25 U	25 UJ	25 UJ	25 U	1 JJ	25 U	1 JJ
Dibenzofuran	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	1 JJ	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	25	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	10	10 U	10 U	10 U	10 U	2 JJ	10 U	1 JJ
Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U	1 JJ	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	10 UJ	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	10 U	10 U	10 U	10 U	10 U	1 JJ	10 U
Di-n-octylphthalate	10	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(b)Fluoranthene	10	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		F3030	H8830	H8830	F3049	F3030	F3049	F3049
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

ANALYTE	SOW-3/90 - II CRQL	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
SAMPLE LOCATION:		SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
LAB NUMBER:		1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE EXTRACTED:		10/30/92	11/02/92	11/02/92	11/04/92	10/30/92	11/04/92	11/04/92
DATE ANALYZED:		11/10/92	11/06/92	11/06/92	11/12/92	11/10/92	11/12/92	11/12/92
Phenol	10	-	-	1 JJ	-	12	-	8 JJ
bis(2-Chloroethyl)ether	10	-	-	-	-	-	-	-
2-Chlorophenol	10	-	-	-	-	-	-	-
1,3-Dichlorobenzene	10	-	-	-	-	-	-	-
1,4-Dichlorobenzene	10	-	-	-	-	-	-	-
1,2-Dichlorobenzene	10	-	-	-	-	-	-	-
2-Methylphenol	10	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	10	-	-	-	-	-	-	-
4-Methylphenol	10	-	-	-	-	1 JJ	-	1 JJ
N-Nitroso-di-n-propylamine	10	-	-	-	-	-	-	-
Hexachloroethane	10	-	-	-	-	-	-	-
Nitrobenzene	10	-	-	-	-	-	-	-
Isophorone	10	-	-	-	-	-	-	-
2-Nitrophenol	10	-	-	-	-	-	-	-
2,4-Dimethylphenol	10	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	10	-	-	-	-	-	-	-
2,4-Dichlorophenol	10	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	10	-	-	-	-	1 JJ	-	-
Naphthalene	10	-	-	-	-	4 JJ	-	1 JJ
4-Chloroaniline	10	-	-	-	-	-	-	-
Hexachlorobutadiene	10	-	-	-	-	-	-	-
4-Chloro-3-Methylphenol	10	-	-	-	-	-	-	-
2-Methylnaphthalene	10	-	-	-	-	1 JJ	-	-
Hexachlorocyclopentadiene	10	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	10	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	25	-	-	-	-	-	-	-
2-Chloronaphthalene	10	-	-	-	-	-	-	-
2-Nitroaniline	25	-	-	-	-	-	-	-
Dimethylphthalate	10	-	-	-	-	-	-	-
Acenaphthylene	10	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION:	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
LAB NUMBER:	1452401 #	1454412 #	1454409 #	1455702 #	1452402 #	1455703 #	1455701 #
DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE EXTRACTED:	10/30/92	11/02/92	11/02/92	11/04/92	10/30/92	11/04/92	11/04/92
DATE ANALYZED:	11/10/92	11/06/92	11/06/92	11/12/92	11/10/92	11/12/92	11/12/92

ANALYTE	SOW-3/90 - II CRQL							
3-Nitroaniline	25	-	-	-	-	-	-	-
Acenaphthene	10	-	-	-	-	1 JJ	-	-
2,4-Dinitrophenol	25	-	1 JJ	1 JJ	-	-	-	-
4-Nitrophenol	25	-	-	-	-	1 JJ	-	1 JJ
Dibenzofuran	10	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-
Diethylphthalate	10	-	-	-	1 JJ	-	-	-
4-Chlorophenyl-phenylether	10	-	-	-	-	-	-	-
Fluorene	10	-	-	-	-	-	-	-
4-Nitroaniline	25	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	25	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-
4-Bromophenyl-phenylether	10	-	-	-	-	-	-	-
Hexachlorobenzene	10	-	-	-	-	-	-	-
Pentachlorophenol	25	-	-	-	-	-	-	-
Phenanthrene	10	-	-	-	-	2 JJ	-	1 JJ
Anthracene	10	-	-	-	-	-	-	-
Carbazole	10	-	-	-	-	-	-	-
Di-n-butylphthalate	10	-	-	-	-	-	-	-
Fluoranthene	10	-	-	-	-	1 JJ	-	-
Pyrene	10	-	-	-	-	-	-	-
Butylbenzylphthalate	10	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	10	-	-	-	-	-	-	-
Benzo(a)Anthracene	10	-	-	-	-	-	-	-
Chrysene	10	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	10	-	-	-	-	-	1 JJ	-
Di-n-octylphthalate	10	-	-	-	-	-	-	-
Benzo(b)Fluoranthene	10	-	-	-	-	-	-	-
Benzo(k)Fluoranthene	10	-	-	-	-	-	-	-
Benzo(a)Pyrene	10	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)Pyrene	10	-	-	-	-	-	-	-
Dibenz(a,h)Anthracene	10	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	10	-	-	-	-	-	-	-
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		F3030	H8830	H8830	F3049	F3030	F3049	F3049
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SURFACE WATER
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:	1452403 #	1454408 #	1454408 R #	1454405 #	1455704 #	1452406 #	1455705 #	1455706 #
DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE EXTRACTED:	10/29/92	11/02/92	11/09/92	11/02/92	11/18/92	10/29/92	11/20/92	11/20/92
DATE ANALYZED:	11/11/92	11/17/92	12/04/92	11/17/92	12/01/92	11/13/92	12/02/92	12/02/92

ANALYTE	SOW-3/90 - II CRQL															
Phenol	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	34	J
bis(2-Chloroethyl)ether	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2-Chlorophenol	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
1,3-Dichlorobenzene	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
1,4-Dichlorobenzene	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
1,2-Dichlorobenzene	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2-Methylphenol	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	10	J
2,2'-oxybis(1-Chloropropane)	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
4-Methylphenol	330	39	J	720	U	720	U	1500	U	25	J	650	U	430	J	26	J
N-Nitroso-di-n-propylamine	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
Hexachloroethane	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
Nitrobenzene	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
Isophorone	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2-Nitrophenol	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2,4-Dimethylphenol	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	21	J
bis(2-Chloroethoxy)methane	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2,4-Dichlorophenol	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
1,2,4-Trichlorobenzene	330	490	U	720	U	50	J	1500	U	620	U	650	U	19	J	150	J
Naphthalene	330	490	U	720	U	82	BJ	290	J	35	J	43	J	65	BJ	500	BJ
4-Chloroaniline	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
Hexachlorobutadiene	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
4-Chloro-3-Methylphenol	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2-Methylnaphthalene	330	490	U	720	U	48	BJ	120	J	15	J	20	J	62	BJ	280	BJ
Hexachlorocyclopentadiene	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2,4,6-Trichlorophenol	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2,4,5-Trichlorophenol	800	1200	U	1700	U	1700	U	3700	U	1500	U	1600	U	4800	U	1400	U
2-Chloronaphthalene	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
2-Nitroaniline	800	1200	U	1700	U	1700	U	3700	U	1500	U	1600	U	4800	U	1400	U
Dimethylphthalate	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U
Acenaphthylene	330	490	U	720	U	8	J	1500	U	1	J	650	U	11	J	76	J
2,6-Dinitrotoluene	330	490	U	720	U	720	U	1500	U	620	U	650	U	2000	U	590	U

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II CRQL	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
SAMPLE LOCATION:		SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:		1452403 #	1454408 #	1454408 R #	1454405 #	1455704 #	1452406 #	1455705 #	1455706 #
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE EXTRACTED:		10/29/92	11/02/92	11/09/92	11/02/92	11/18/92	10/29/92	11/20/92	11/20/92
DATE ANALYZED:		11/11/92	11/17/92	12/04/92	11/17/92	12/01/92	11/13/92	12/02/92	12/02/92
3-Nitroaniline	800	1200 U	1700 U	1700 U	3700 U	1500 U	1600 U	4800 U	1400 U
Acenaphthene	330	490 U	720 U	240 J	950 J	120 J	61 J	53 J	180 J
2,4-Dinitrophenol	800	1200 U	1700 U	1700 U	3700 U	1500 U	1600 U	4800 U	1400 U
4-Nitrophenol	800	1200 U	1700 U	1700 U	3700 U	1500 U	1600 U	4800 U	1400 U
Dibenzofuran	330	5 J	720 U	75 J	170 J	27 J	26 J	25 J	200 J
2,4-Dinitrotoluene	330	490 U	720 U	720 U	1500 U	620 U	650 U	2000 U	590 U
Diethylphthalate	330	490 U	720 U	19 J	25 J	9 J	650 U	20 BJ	25 BJ
4-Chlorophenyl-phenylether	330	490 U	720 U	720 U	1500 U	620 U	650 U	2000 U	590 U
Fluorene	330	490 U	720 U	140 J	260 J	64 J	28 J	41 J	240 J
4-Nitroaniline	800	1200 U	1700 U	1700 U	3700 U	1500 U	1600 U	4800 U	1400 U
4,6-Dinitro-2-methylphenol	800	1200 U	1700 U	1700 U	3700 U	1500 U	1600 U	4800 U	1400 U
N-Nitrosodiphenylamine	330	490 U	720 U	720 U	7 J	620 U	650 U	98 J	590 U
4-Bromophenyl-phenylether	330	490 U	720 U	720 U	1500 U	620 U	650 U	2000 U	590 U
Hexachlorobenzene	330	490 U	720 U	720 U	1500 U	620 U	650 U	2000 U	590 U
Pentachlorophenol	800	1200 U	1700 U	1700 U	3700 U	1500 U	1600 U	4800 U	1400 U
Phenanthrene	330	45 J	720 U	1500	2700 B	770	390 J	360 J	1600
Anthracene	330	7 J	720 U	280 J	570 J	110 J	54 J	45 J	300 J
Carbazole	330	490 U	720 U	160 J	310 J	70 J	28 J	2000 U	140 J
Di-n-butylphthalate	330	160 J	720 U	48 J	86 J	620 U	42 J	60 J	590 U
Fluoranthene	330	71 J	720 U	2800	6100 B	1600	670	600 J	2500
Pyrene	330	44 J	720 U	2800	5000 B	1300	400 J	560 J	2300
Butylbenzylphthalate	330	13 J	720 U	13 J	1500 U	13 BJ	650 U	100 J	3 J
3,3'-Dichlorobenzidine	330	490 U	720 U	720 U	1500 U	620 U	650 U	2000 U	590 U
Benzo(a)Anthracene	330	490 U	720 U	1000	2700	610 J	300 J	280 J	960
Chrysene	330	64 J	720 U	2200	4600	990	440 J	580 J	1500
bis(2-Ethylhexyl)phthalate	330	65 BJ	9 BJ	190 BJ	1500 U	34 BJ	63 BJ	1600 BJ	580 BJ
Di-n-octylphthalate	330	490 U	720 U	21 J	25 J	620 U	650 U	120 J	4 J
Benzo(b)Fluoranthene	330	26 J	720 U	1500	1500 U	620 J	240 J	350 J	630
Benzo(k)Fluoranthene	330	20 J	720 U	1100	1500 U	550 J	190 J	310 J	780
Benzo(a)Pyrene	330	21 J	720 U	1500	3600	660	220 J	320 J	880
Indeno(1,2,3-c,d)Pyrene	330	490 U	720 U	1300	2500	600 J	200 J	370 J	610
Dibenz(a,h)Anthracene	330	490 U	720 U	300 J	540 J	120 J	650 U	2000 U	110 J
Benzo(g,h,i)perylene	330	490 U	720 U	830	670 J	500 J	650 U	320 J	500 J
Dilution Factor:		1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Percent Solids:		68	46	46	43	53	51	33	56
Associated Method Blank:		B0893	F3117	H9049	F3117	H8889	B0893	H9026	H9026
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
SAMPLE LOCATION:		SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:		1452403 #	1454408 R #	1454405 #	1455704 #	1452406 #	1455705 #	1455706 #
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE EXTRACTED:		10/29/92	11/09/92	11/02/92	11/18/92	10/29/92	11/20/92	11/20/92
DATE ANALYZED:		11/11/92	12/04/92	11/17/92	12/01/92	11/13/92	12/02/92	12/02/92
Phenol	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	34 JJ
bis(2-Chloroethyl)ether	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2-Chlorophenol	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
1,3-Dichlorobenzene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
1,4-Dichlorobenzene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
1,2-Dichlorobenzene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2-Methylphenol	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	10 JJ
2,2'-oxybis(1-Chloropropane)	330	490 UJ	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
4-Methylphenol	330	39 JJ	720 UJ	1500 UJ	25 JJ	650 U	430 JJ	26 JJ
N-Nitroso-di-n-propylamine	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Hexachloroethane	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Nitrobenzene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Isophorone	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2-Nitrophenol	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2,4-Dimethylphenol	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	21 JJ
bis(2-Chloroethoxy)methane	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2,4-Dichlorophenol	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
1,2,4-Trichlorobenzene	330	490 U	50 JJ	1500 UJ	620 UJ	650 U	19 JJ	150 JJ
Naphthalene	330	490 U	720 U	290 JJ	620 UJ	43 JJ	2000 UJ	590 UJ
4-Chloroaniline	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Hexachlorobutadiene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
4-Chloro-3-Methylphenol	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2-Methylnaphthalene	330	490 U	720 U	120 JJ	15 JJ	20 JJ	2000 UJ	590 UJ
Hexachlorocyclopentadiene	330	490 UJ	720 UJ	1500 UJ	620 UJ	650 UJ	2000 UJ	590 UJ
2,4,6-Trichlorophenol	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2,4,5-Trichlorophenol	800	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
2-Chloronaphthalene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2-Nitroaniline	800	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
Dimethylphthalate	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Acenaphthylene	330	490 U	8 JJ	1500 UJ	1 JJ	650 U	11 JJ	76 JJ
2,6-Dinitrotoluene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
	LAB NUMBER:	1452403 #	1454408 R #	1454405 #	1455704 #	1452406 #	1455705 #	1455706 #
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
	DATE EXTRACTED:	10/29/92	11/09/92	11/02/92	11/18/92	10/29/92	11/20/92	11/20/92
	DATE ANALYZED:	11/11/92	12/04/92	11/17/92	12/01/92	11/13/92	12/02/92	12/02/92
ANALYTE	SOW-3/90 - II CRQL							
3-Nitroaniline	800	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
Acenaphthene	330	490 U	240 JJ	950 JJ	120 JJ	61 JJ	53 JJ	180 JJ
2,4-Dinitrophenol	800	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 UJ	4800 UJ	1400 UJ
4-Nitrophenol	800	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
Dibenzofuran	330	5 JJ	75 JJ	170 JJ	27 JJ	26 JJ	25 JJ	200 JJ
2,4-Dinitrotoluene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Diethylphthalate	330	490 U	19 JJ	25 JJ	620 UJ	650 U	620 UJ	620 UJ
4-Chlorophenyl-phenylether	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Fluorene	330	490 U	140 JJ	260 JJ	64 JJ	28 JJ	41 JJ	240 JJ
4-Nitroaniline	800	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
4,6-Dinitro-2-methylphenol	800	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
N-Nitrosodiphenylamine	330	490 U	720 UJ	7 JJ	620 UJ	650 UJ	98 JJ	590 UJ
4-Bromophenyl-phenylether	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Hexachlorobenzene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Pentachlorophenol	800	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
Phenanthrene	330	45 JJ	1500 J	2700 J	770 J	390 JJ	360 JJ	1600 J
Anthracene	330	7 JJ	280 JJ	570 JJ	110 JJ	54 JJ	45 JJ	300 JJ
Carbazole	330	490 U	160 JJ	310 JJ	70 JJ	28 JJ	2000 UJ	140 JJ
Di-n-butylphthalate	330	490 U	48 JJ	86 JJ	620 UJ	650 U	2000 UJ	590 UJ
Fluoranthene	330	71 JJ	2800 J	6100 J	1600 J	670	600 JJ	2500 J
Pyrene	330	44 JJ	2800 J	5000 J	1300 J	400 JJ	560 JJ	2300 J
Butylbenzylphthalate	330	490 U	13 JJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
3,3'-Dichlorobenzidine	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Benzo(a)Anthracene	330	490 U	1000 J	2700 J	610 JJ	300 JJ	280 JJ	960 J
Chrysene	330	64 JJ	2200 J	4600 J	990 J	440 JJ	580 JJ	1500 J
bis(2-Ethylhexyl)phthalate	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	1600 UJ	590 UJ
Di-n-octylphthalate	330	490 U	21 JJ	25 JJ	620 UJ	650 U	120 JJ	4 JJ
Benzo(b)Fluoranthene	330	26 JJ	1500 J	1500 UJ	620 JJ	240 JJ	350 JJ	630 J
Benzo(k)Fluoranthene	330	20 JJ	1100 J	1500 UJ	550 JJ	190 JJ	310 JJ	780 J
Benzo(a)Pyrene	330	21 JJ	1500 J	3600 J	660 J	220 JJ	320 JJ	880 J
Indeno(1,2,3-c,d)Pyrene	330	490 U	1300 J	2500 J	600 JJ	200 JJ	370 JJ	610 J
Dibenz(a,h)Anthracene	330	490 U	300 JJ	540 JJ	120 JJ	650 U	2000 UJ	110 JJ
Benzo(g,h,i)perylene	330	490 U	830 J	670 JJ	500 JJ	650 U	320 JJ	500 JJ
Dilution Factor:		1.00	1.00	2.00	1.00	1.00	2.00	1.00
Percent Solids:		68	46	43	53	51	33	56
Associated Method Blank:		B0893	H9049	F3117	H8889	B0893	H9026	H9026
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

ANALYTE	SOW-3/90 - II CRQL	SASD101XXX92XX 1452403 # 10/27/92 10/29/92 11/11/92	SASD102XXX92XD 1454408 R # 10/28/92 11/09/92 12/04/92	SASD102XXX92XX 1454405 # 10/28/92 11/02/92 11/17/92	SASD103XXX92XX 1455704 # 10/29/92 11/18/92 12/01/92	SASD104XXX92XX 1452406 # 10/27/92 10/29/92 11/13/92	SASD105XXX92XX 1455705 # 10/29/92 11/20/92 12/02/92	SASD106XXX92XX 1455706 # 10/29/92 11/20/92 12/02/92
Phenol	330	-	-	-	-	-	-	34 JJ
bis(2-Chloroethyl)ether	330	-	-	-	-	-	-	-
2-Chlorophenol	330	-	-	-	-	-	-	-
1,3-Dichlorobenzene	330	-	-	-	-	-	-	-
1,4-Dichlorobenzene	330	-	-	-	-	-	-	-
1,2-Dichlorobenzene	330	-	-	-	-	-	-	-
2-Methylphenol	330	-	-	-	-	-	-	10 JJ
2,2'-oxybis(1-Chloropropane)	330	-	-	-	-	-	-	-
4-Methylphenol	330	39 JJ	-	-	25 JJ	-	430 JJ	26 JJ
N-Nitroso-di-n-propylamine	330	-	-	-	-	-	-	-
Hexachloroethane	330	-	-	-	-	-	-	-
Nitrobenzene	330	-	-	-	-	-	-	-
Isophorone	330	-	-	-	-	-	-	-
2-Nitrophenol	330	-	-	-	-	-	-	-
2,4-Dimethylphenol	330	-	-	-	-	-	-	21 JJ
bis(2-Chloroethoxy)methane	330	-	-	-	-	-	-	-
2,4-Dichlorophenol	330	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	330	-	50 JJ	-	-	-	19 JJ	150 JJ
Naphthalene	330	-	-	290 JJ	-	43 JJ	-	-
4-Chloroaniline	330	-	-	-	-	-	-	-
Hexachlorobutadiene	330	-	-	-	-	-	-	-
4-Chloro-3-Methylphenol	330	-	-	-	-	-	-	-
2-Methylnaphthalene	330	-	-	120 JJ	15 JJ	20 JJ	-	-
Hexachlorocyclopentadiene	330	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	330	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	800	-	-	-	-	-	-	-
2-Chloronaphthalene	330	-	-	-	-	-	-	-
2-Nitroaniline	800	-	-	-	-	-	-	-
Dimethylphthalate	330	-	-	-	-	-	-	-
Acenaphthylene	330	-	8 JJ	-	1 JJ	-	11 JJ	76 JJ
2,6-Dinitrotoluene	330	-	-	-	-	-	-	-

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

	SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
	LAB NUMBER:	1452403 #	1454408 R #	1454405 #	1455704 #	1452406 #	1455705 #	1455706 #
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
	DATE EXTRACTED:	10/29/92	11/09/92	11/02/92	11/18/92	10/29/92	11/20/92	11/20/92
	DATE ANALYZED:	11/11/92	12/04/92	11/17/92	12/01/92	11/13/92	12/02/92	12/02/92
ANALYTE	SOW-3/90 - II CRQL							
3-Nitroaniline	800	-	-	-	-	-	-	-
Acenaphthene	330	-	240 JJ	950 JJ	120 JJ	61 JJ	53 JJ	180 JJ
2,4-Dinitrophenol	800	-	-	-	-	-	-	-
4-Nitrophenol	800	-	-	-	-	-	-	-
Dibenzofuran	330	5 JJ	75 JJ	170 JJ	27 JJ	26 JJ	25 JJ	200 JJ
2,4-Dinitrotoluene	330	-	-	-	-	-	-	-
Diethylphthalate	330	-	19 JJ	25 JJ	-	-	-	-
4-Chlorophenyl-phenylether	330	-	-	-	-	-	-	-
Fluorene	330	-	140 JJ	260 JJ	64 JJ	28 JJ	41 JJ	240 JJ
4-Nitroaniline	800	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	800	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	330	-	-	7 JJ	-	-	98 JJ	-
4-Bromophenyl-phenylether	330	-	-	-	-	-	-	-
Hexachlorobenzene	330	-	-	-	-	-	-	-
Pentachlorophenol	800	-	-	-	-	-	-	-
Phenanthrene	330	45 JJ	1500 J	2700 J	770 J	390 JJ	360 JJ	1600 J
Anthracene	330	7 JJ	280 JJ	570 JJ	110 JJ	54 JJ	45 JJ	300 JJ
Carbazole	330	-	160 JJ	310 JJ	70 JJ	28 JJ	-	140 JJ
Di-n-butylphthalate	330	-	48 JJ	86 JJ	-	-	-	-
Fluoranthene	330	71 JJ	2800 J	6100 J	1600 J	670	600 JJ	2500 J
Pyrene	330	44 JJ	2800 J	5000 J	1300 J	400 JJ	560 JJ	2300 J
Butylbenzylphthalate	330	-	13 JJ	-	-	-	-	-
3,3'-Dichlorobenzidine	330	-	-	-	-	-	-	-
Benzo(a)Anthracene	330	-	1000 J	2700 J	610 JJ	300 JJ	280 JJ	960 J
Chrysene	330	64 JJ	2200 J	4600 J	990 J	440 JJ	580 JJ	1500 J
bis(2-Ethylhexyl)phthalate	330	-	-	-	-	-	-	-
Di-n-octylphthalate	330	-	21 JJ	25 JJ	-	-	120 JJ	4 JJ
Benzo(b)Fluoranthene	330	26 JJ	1500 J	-	620 JJ	240 JJ	350 JJ	630 J
Benzo(k)Fluoranthene	330	20 JJ	1100 J	-	550 JJ	190 JJ	310 JJ	780 J
Benzo(a)Pyrene	330	21 JJ	1500 J	3600 J	660 J	220 JJ	320 JJ	880 J
Indeno(1,2,3-c,d)Pyrene	330	-	1300 J	2500 J	600 JJ	200 JJ	370 JJ	610 J
Dibenz(a,h)Anthracene	330	-	300 JJ	540 JJ	120 JJ	-	-	110 JJ
Benzo(g,h,i)perylene	330	-	830 J	670 JJ	500 JJ	-	320 JJ	500 JJ
Dilution Factor:		1.00	1.00	2.00	1.00	1.00	2.00	1.00
Percent Solids:		68	46	43	53	51	33	56
Associated Method Blank:		B0893	H9049	F3117	H8889	B0893	H9026	H9026
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX
	LAB NUMBER:	1452404 #	1452405 #	1452405 D #	1452407 #	1454404 #	1454401 #	1454403 #	1454402 #
	DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92
	DATE EXTRACTED:	10/29/92	10/29/92	10/28/92	10/29/92	11/02/92	11/02/92	11/02/92	11/02/92
	DATE ANALYZED:	11/11/92	11/11/92	10/29/92	11/11/92	11/17/92	11/17/92	11/16/92	11/16/92
ANALYTE	SOW-3/90 - II CRQL								
Phenol	330	990 U	930 U	1900 U	500 U	29 J	370 U	470 U	370 U
bis(2-Chloroethyl)ether	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2-Chlorophenol	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
1,3-Dichlorobenzene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
1,4-Dichlorobenzene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
1,2-Dichlorobenzene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2-Methylphenol	330	990 U	930 U	1900 U	500 U	18 J	370 U	470 U	370 U
2,2'-oxybis(1-Chloropropane)	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
4-Methylphenol	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
N-Nitroso-di-n-propylamine	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
Hexachloroethane	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
Nitrobenzene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
Isophorone	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2-Nitrophenol	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2,4-Dimethylphenol	330	990 U	930 U	1900 U	500 U	22 J	370 U	470 U	370 U
bis(2-Chloroethoxy)methane	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2,4-Dichlorophenol	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
1,2,4-Trichlorobenzene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
Naphthalene	330	990 U	700 J	690 DJ	500 U	220 J	44 J	470 U	370 U
4-Chloroaniline	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
Hexachlorobutadiene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
4-Chloro-3-Methylphenol	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2-Methylnaphthalene	330	990 U	140 J	130 DJ	500 U	300 J	8 J	5 J	370 U
Hexachlorocyclopentadiene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2,4,6-Trichlorophenol	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2,4,5-Trichlorophenol	800	2400 U	2300 U	4500 U	1200 U	1700 U	890 U	1100 U	890 U
2-Chloronaphthalene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
2-Nitroaniline	800	2400 U	2300 U	4500 U	1200 U	1700 U	890 U	1100 U	890 U
Dimethylphthalate	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U
Acenaphthylene	330	990 U	400 J	210 DJ	500 U	700 U	370 U	470 U	370 U
2,6-Dinitrotoluene	330	990 U	930 U	1900 U	500 U	700 U	370 U	470 U	370 U

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Semivolatile Organic Soil Analysis (ug/kg)

01/27/93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX
LAB NUMBER:	1452404 #	1452405 #	1452405 D #	1452407 #	1454404 #	1454401 #	1454403 #	1454402 #
DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92
DATE EXTRACTED:	10/29/92	10/29/92	10/28/92	10/29/92	11/02/92	11/02/92	11/02/92	11/02/92
DATE ANALYZED:	11/11/92	11/11/92	10/29/92	11/11/92	11/17/92	11/17/92	11/16/92	11/16/92

ANALYTE	SOW-3/90 - II CRQL															
3-Nitroaniline	800	2400	U	2300	U	4500	U	1200	U	1700	U	890	U	1100	U	890	U
Acenaphthene	330	13	J	160	J	140	DJ	18	J	700	U	10	J	9	J	370	U
2,4-Dinitrophenol	800	2400	U	2300	U	4500	U	1200	U	1700	U	890	U	1100	U	890	U
4-Nitrophenol	800	2400	U	2300	U	4500	U	1200	U	1700	U	890	U	1100	U	890	U
Dibenzofuran	330	990	U	890	J	920	DJ	9	J	52	J	4	J	8	J	370	U
2,4-Dinitrotoluene	330	990	U	930	U	1900	U	500	U	700	U	370	U	470	U	370	U
Diethylphthalate	330	990	U	930	U	1900	U	500	U	13	J	8	J	13	J	370	U
4-Chlorophenyl-phenylether	330	990	U	930	U	1900	U	500	U	700	U	370	U	470	U	370	U
Fluorene	330	990	U	980		940	DJ	500	U	700	U	4	J	470	U	370	U
4-Nitroaniline	800	2400	U	2300	U	4500	U	1200	U	1700	U	890	U	1100	U	890	U
4,6-Dinitro-2-methylphenol	800	2400	U	2300	U	4500	U	1200	U	1700	U	890	U	1100	U	890	U
N-Nitrosodiphenylamine	330	990	U	930	U	1900	U	500	U	700	U	370	U	470	U	370	U
4-Bromophenyl-phenylether	330	990	U	930	U	1900	U	500	U	700	U	370	U	470	U	370	U
Hexachlorobenzene	330	990	U	930	U	1900	U	500	U	700	U	370	U	470	U	370	U
Pentachlorophenol	800	2400	U	2300	U	4500	U	1200	U	1700	U	890	U	1100	U	890	U
Phenanthrene	330	100	J	8400	E	9300	D	130	J	150	BJ	22	BJ	130	BJ	15	BJ
Anthracene	330	990	U	1500		1300	DJ	28	J	11	J	370	U	29	J	370	U
Carbazole	330	10	J	830	J	670	DJ	15	J	8	J	370	U	15	J	370	U
Di-n-butylphthalate	330	48	J	930	U	1900	U	54	J	39	J	22	J	60	J	16	J
Fluoranthene	330	230	J	7900	E	8400	D	260	J	45	BJ	29	BJ	250	BJ	23	BJ
Pyrene	330	110	J	5400		5100	D	160	J	30	BJ	14	BJ	75	BJ	13	BJ
Butylbenzylphthalate	330	990	U	930	U	1900	U	500	U	700	U	370	U	470	U	370	U
3,3'-Dichlorobenzidine	330	990	U	930	U	1900	U	500	U	700	U	370	U	470	U	370	U
Benzo(a)Anthracene	330	110	J	2700		2600	D	120	J	700	U	14	J	120	J	11	J
Chrysene	330	210	J	3100		3000	D	210	J	30	J	20	J	150	J	14	J
bis(2-Ethylhexyl)phthalate	330	71	BJ	97	BJ	150	BDJ	43	BJ	60	BJ	38	BJ	19	BJ	22	BJ
Di-n-octylphthalate	330	990	U	930	U	1900	U	500	U	2	J	370	U	470	U	370	U
Benzo(b)Fluoranthene	330	150	J	1500		1300	DJ	160	J	700	U	370	U	80	J	370	U
Benzo(k)Fluoranthene	330	130	J	1300		1400	DJ	130	J	700	U	370	U	56	J	370	U
Benzo(a)Pyrene	330	70	J	1500		1400	DJ	85	J	700	U	370	U	63	J	370	U
Indeno(1,2,3-c,d)Pyrene	330	990	U	1100		1100	DJ	110	J	700	U	370	U	470	U	370	U
Dibenz(a,h)Anthracene	330	990	U	200	J	1900	U	500	U	700	U	370	U	470	U	370	U
Benzo(g,h,i)perylene	330	990	U	240	J	220	DJ	31	J	700	U	370	U	470	U	370	U
Dilution Factor:		2.00		2.00		4.00		1.00		2.00		1.00		1.00		1.00	
Percent Solids:		67		71		71		66		94		90		70		90	
Associated Method Blank:		B0893		B0893		B0893		B0893		F3117		F3117		F3117		F3117	
Associated Equipment Blank:		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX	
Associated Field Blank:		-		-		-		-		-		-		-		-	

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:		SAWT106XXX92XX		SAWT107XXX92XX		SAWT108XXX92XX	
LAB NUMBER:		1454402 R #		1455707 #		1455708 #	
DATE SAMPLED:		10/28/92		10/29/92		10/29/92	
DATE EXTRACTED:		11/02/92		11/20/92		11/18/92	
DATE ANALYZED:		11/17/92		12/02/92		12/03/92	
ANALYTE	SOW-3/90 - II CRQL						
Phenol	330	10	J	510	U	520	U
bis(2-Chloroethyl)ether	330	370	U	510	U	520	U
2-Chlorophenol	330	370	U	510	U	520	U
1,3-Dichlorobenzene	330	370	U	510	U	520	U
1,4-Dichlorobenzene	330	370	U	510	U	520	U
1,2-Dichlorobenzene	330	370	U	510	U	520	U
2-Methylphenol	330	370	U	510	U	520	U
2,2'-oxybis(1-Chloropropane)	330	370	U	510	U	520	U
4-Methylphenol	330	370	U	510	U	520	U
N-Nitroso-di-n-propylamine	330	370	U	510	U	520	U
Hexachloroethane	330	370	U	510	U	520	U
Nitrobenzene	330	370	U	510	U	520	U
Isophorone	330	370	U	510	U	520	U
2-Nitrophenol	330	370	U	510	U	520	U
2,4-Dimethylphenol	330	370	U	510	U	520	U
bis(2-Chloroethoxy)methane	330	370	U	510	U	520	U
2,4-Dichlorophenol	330	370	U	510	U	520	U
1,2,4-Trichlorobenzene	330	370	U	510	U	520	U
Naphthalene	330	370	U	19	BJ	520	U
4-Chloroaniline	330	370	U	510	U	520	U
Hexachlorobutadiene	330	370	U	510	U	520	U
4-Chloro-3-Methylphenol	330	370	U	510	U	520	U
2-Methylnaphthalene	330	1	J	9	BJ	520	U
Hexachlorocyclopentadiene	330	370	U	510	U	520	U
2,4,6-Trichlorophenol	330	370	U	510	U	520	U
2,4,5-Trichlorophenol	800	890	U	1200	U	1300	U
2-Chloronaphthalene	330	370	U	510	U	520	U
2-Nitroaniline	800	890	U	1200	U	1300	U
Dimethylphthalate	330	370	U	510	U	520	U
Acenaphthylene	330	370	U	3	J	520	U
2,6-Dinitrotoluene	330	370	U	510	U	520	U

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAWT106XXX92XX	SAWT107XXX92XX	SAWT108XXX92XX
	LAB NUMBER:	1454402 R #	1455707 #	1455708 #
	DATE SAMPLED:	10/28/92	10/29/92	10/29/92
	DATE EXTRACTED:	11/02/92	11/20/92	11/18/92
	DATE ANALYZED:	11/17/92	12/02/92	12/03/92
ANALYTE	SOW-3/90 - II CRQL			
-Nitroaniline	800	890 U	1200 U	1300 U
cenaphthene	330	370 U	9 J	520 U
,4-Dinitrophenol	800	890 U	1200 U	1300 U
-Nitrophenol	800	890 U	1200 U	1300 U
ibenzofuran	330	370 U	510 U	520 U
,4-Dinitrotoluene	330	370 U	510 U	520 U
iethylphthalate	330	370 U	5 BJ	520 U
-Chlorophenyl-phenylether	330	370 U	510 U	520 U
luorene	330	370 U	510 U	520 U
-Nitroaniline	800	890 U	1200 U	1300 U
,6-Dinitro-2-methylphenol	800	890 U	1200 U	1300 U
-Nitrosodiphenylamine	330	370 U	510 U	520 U
-Bromophenyl-phenylether	330	370 U	510 U	520 U
exachlorobenzene	330	370 U	510 U	520 U
entachlorophenol	800	890 U	1200 U	1300 U
henanthrene	330	15 BJ	54 J	14 J
nthracene	330	370 U	7 J	520 U
arbazole	330	370 U	4 J	520 U
i-n-butylphthalate	330	14 J	6 J	520 U
luoranthene	330	22 BJ	120 J	27 J
yrene	330	9 BJ	65 J	10 J
utylbenzylphthalate	330	370 U	12 J	9 BJ
,3'-Dichlorobenzidine	330	370 U	510 U	520 U
enzo(a)Anthracene	330	11 J	71 J	9 J
hrysene	330	15 J	85 J	17 J
is(2-Ethylhexyl)phthalate	330	370 U	100 BJ	47 BJ
i-n-octylphthalate	330	370 U	3 J	2 J
enzo(b)Fluoranthene	330	370 U	49 J	22 J
enzo(k)Fluoranthene	330	370 U	42 J	520 U
enzo(a)Pyrene	330	370 U	42 J	520 U
ndeno(1,2,3-c,d)Pyrene	330	370 U	510 U	520 U
ibenz(a,h)Anthracene	330	370 U	510 U	520 U
enzo(g,h,i)perylene	330	370 U	510 U	520 U
Dilution Factor:		1.00	1.00	1.00
Percent Solids:		90	65	63
Associated Method Blank:		F3117	H9026	H8889
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
	LAB NUMBER:	1452404 #	1452405 #	1452407 #	1454404 #	1454401 #	1454403 #	1454402 #	1455707 #
	DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/29/92
	DATE EXTRACTED:	10/29/92	10/29/92	10/29/92	11/02/92	11/02/92	11/02/92	11/02/92	11/20/92
	DATE ANALYZED:	11/11/92	11/11/92	11/11/92	11/17/92	11/17/92	11/16/92	11/16/92	12/02/92
ANALYTE	SOW-3/90 - II CRQL								
Phenol	330	990 U	930 U	500 U	29 JJ	370 U	470 U	370 U	510 UJ
bis(2-Chloroethyl)ether	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
2-Chlorophenol	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
1,3-Dichlorobenzene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
1,4-Dichlorobenzene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
1,2-Dichlorobenzene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
2-Methylphenol	330	990 U	930 U	500 U	18 JJ	370 U	470 U	370 U	510 UJ
2,2'-oxybis(1-Chloropropane)	330	990 UJ	930 UJ	500 UJ	700 U	370 U	470 UJ	370 UJ	510 UJ
4-Methylphenol	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
N-Nitroso-di-n-propylamine	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Hexachloroethane	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Nitrobenzene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Isophorone	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
2-Nitrophenol	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
2,4-Dimethylphenol	330	990 U	930 U	500 U	22 JJ	370 U	470 U	370 U	510 UJ
bis(2-Chloroethoxy)methane	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
2,4-Dichlorophenol	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
1,2,4-Trichlorobenzene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Naphthalene	330	990 U	700 JJ	500 U	220 JJ	44 JJ	470 U	370 U	510 UJ
4-Chloroaniline	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Hexachlorobutadiene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
4-Chloro-3-Methylphenol	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
2-Methylnaphthalene	330	990 U	140 JJ	500 U	300 JJ	8 JJ	5 JJ	370 U	510 UJ
Hexachlorocyclopentadiene	330	990 UJ	930 UJ	500 UJ	700 UJ	370 UJ	470 UJ	370 UJ	510 UJ
2,4,6-Trichlorophenol	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
2,4,5-Trichlorophenol	800	2400 U	2300 U	1200 U	1700 U	890 U	1100 U	890 U	1200 UJ
2-Chloronaphthalene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
2-Nitroaniline	800	2400 U	2300 U	1200 U	1700 U	890 U	1100 U	890 U	1200 UJ
Dimethylphthalate	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Acenaphthylene	330	990 U	400 JJ	500 U	700 U	370 U	470 U	370 U	3 JJ
2,6-Dinitrotoluene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
SAMPLE LOCATION:		SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:		1452404 #	1452405 #	1452407 #	1454404 #	1454401 #	1454403 #	1454402 #	1455707 #
DATE SAMPLED:		10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/29/92
DATE EXTRACTED:		10/29/92	10/29/92	10/29/92	11/02/92	11/02/92	11/02/92	11/02/92	11/20/92
DATE ANALYZED:		11/11/92	11/11/92	11/11/92	11/17/92	11/17/92	11/16/92	11/16/92	12/02/92
3-Nitroaniline	800	2400 U	2300 U	1200 U	1700 U	890 U	1100 U	890 U	1200 UJ
Acenaphthene	330	13 JJ	160 JJ	18 JJ	700 U	10 JJ	9 JJ	370 U	9 JJ
2,4-Dinitrophenol	800	2400 U	2300 U	1200 U	1700 U	890 U	1100 U	890 U	1200 UJ
4-Nitrophenol	800	2400 U	2300 U	1200 U	1700 U	890 U	1100 U	890 U	1200 UJ
Dibenzofuran	330	990 U	890 JJ	9 JJ	52 JJ	4 JJ	8 JJ	370 U	510 UJ
2,4-Dinitrotoluene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Diethylphthalate	330	990 U	930 U	500 U	13 JJ	8 JJ	13 JJ	370 U	620 UJ
4-Chlorophenyl-phenylether	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Fluorene	330	990 U	980	500 U	700 U	4 JJ	470 U	370 U	510 UJ
4-Nitroaniline	800	2400 U	2300 U	1200 U	1700 U	890 U	1100 U	890 U	1200 UJ
4,6-Dinitro-2-methylphenol	800	2400 U	2300 U	1200 U	1700 U	890 U	1100 U	890 U	1200 UJ
N-Nitrosodiphenylamine	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
4-Bromophenyl-phenylether	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Hexachlorobenzene	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Pentachlorophenol	800	2400 U	2300 U	1200 U	1700 U	890 U	1100 U	890 U	1200 UJ
Phenanthrene	330	100 JJ	9300 D	130 JJ	700 U	370 U	470 U	370 U	54 JJ
Anthracene	330	990 U	1500	28 JJ	11 JJ	370 U	29 JJ	370 U	7 JJ
Carbazole	330	10 JJ	830 JJ	15 JJ	8 JJ	370 U	15 JJ	370 U	4 JJ
Di-n-butylphthalate	330	990 U	930 U	500 U	39 JJ	22 JJ	60 JJ	16 JJ	510 UJ
Fluoranthene	330	230 JJ	8400 D	260 JJ	700 U	370 U	470 UJ	370 UJ	120 JJ
Pyrene	330	110 JJ	5400 J	160 JJ	700 U	370 U	470 UJ	370 UJ	65 JJ
Butylbenzylphthalate	330	990 U	930 U	500 U	700 UJ	370 UJ	470 U	370 U	510 UJ
3,3'-Dichlorobenzidine	330	990 U	930 U	500 U	700 U	370 U	470 U	370 U	510 UJ
Benzo(a)Anthracene	330	110 JJ	2700	120 JJ	700 U	14 JJ	120 JJ	11 JJ	71 JJ
Chrysene	330	210 JJ	3100	210 JJ	30 JJ	20 JJ	150 JJ	14 JJ	85 JJ
bis(2-Ethylhexyl)phthalate	330	990 U	930 U	500 U	700 UJ	370 UJ	470 U	370 U	520 UJ
Di-n-octylphthalate	330	990 U	930 U	500 U	2 JJ	370 UJ	470 U	370 U	3 JJ
Benzo(b)Fluoranthene	330	150 JJ	1500	160 JJ	700 U	370 U	80 JJ	370 U	49 JJ
Benzo(k)Fluoranthene	330	130 JJ	1300	130 JJ	700 U	370 U	56 JJ	370 U	42 JJ
Benzo(a)Pyrene	330	70 JJ	1500	85 JJ	700 U	370 U	63 JJ	370 U	42 JJ
Indeno(1,2,3-c,d)Pyrene	330	990 U	1100	110 JJ	700 U	370 U	470 U	370 U	510 UJ
Dibenz(a,h)Anthracene	330	990 U	200 JJ	500 U	700 U	370 U	470 U	370 U	510 UJ
Benzo(g,h,i)perylene	330	990 U	240 JJ	31 JJ	700 U	370 U	470 U	370 U	510 UJ
Dilution Factor:		2.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00
Percent Solids:		67	71	66	94	90	70	90	65
Associated Method Blank:		B0893	B0893	B0893	F3117	F3117	F3117	F3117	H9026
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 1455708 #
DATE SAMPLED: 10/29/92
DATE EXTRACTED: 11/18/92
DATE ANALYZED: 12/03/92

ANALYTE	SOW-3/90 - II CRQL		
Phenol	330	520	UJ
bis(2-Chloroethyl)ether	330	520	UJ
2-Chlorophenol	330	520	UJ
1,3-Dichlorobenzene	330	520	UJ
1,4-Dichlorobenzene	330	520	UJ
1,2-Dichlorobenzene	330	520	UJ
2-Methylphenol	330	520	UJ
2,2'-oxybis(1-Chloropropane)	330	520	UJ
4-Methylphenol	330	520	UJ
N-Nitroso-di-n-propylamine	330	520	UJ
Hexachloroethane	330	520	UJ
Nitrobenzene	330	520	UJ
Isophorone	330	520	UJ
2-Nitrophenol	330	520	UJ
2,4-Dimethylphenol	330	520	UJ
bis(2-Chloroethoxy)methane	330	520	UJ
2,4-Dichlorophenol	330	520	UJ
1,2,4-Trichlorobenzene	330	520	UJ
Naphthalene	330	520	UJ
4-Chloroaniline	330	520	UJ
Hexachlorobutadiene	330	520	UJ
4-Chloro-3-Methylphenol	330	520	UJ
2-Methylnaphthalene	330	520	UJ
Hexachlorocyclopentadiene	330	520	UJ
2,4,6-Trichlorophenol	330	520	UJ
2,4,5-Trichlorophenol	800	1300	UJ
2-Chloronaphthalene	330	520	UJ
2-Nitroaniline	800	1300	UJ
Dimethylphthalate	330	520	UJ
Acenaphthylene	330	520	UJ
2,6-Dinitrotoluene	330	520	UJ

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 1455708 #
DATE SAMPLED: 10/29/92
DATE EXTRACTED: 11/18/92
DATE ANALYZED: 12/03/92

ANALYTE	SOW-3/90 - II CRQL		
3-Nitroaniline	800	1300	UJ
Acenaphthene	330	520	UJ
2,4-Dinitrophenol	800	1300	UJ
4-Nitrophenol	800	1300	UJ
Dibenzofuran	330	520	UJ
2,4-Dinitrotoluene	330	520	UJ
Diethylphthalate	330	520	UJ
4-Chlorophenyl-phenylether	330	520	UJ
Fluorene	330	520	UJ
4-Nitroaniline	800	1300	UJ
4,6-Dinitro-2-methylphenol	800	1300	UJ
N-Nitrosodiphenylamine	330	520	UJ
4-Bromophenyl-phenylether	330	520	UJ
Hexachlorobenzene	330	520	UJ
Pentachlorophenol	800	1300	UJ
Phenanthrene	330	14	JJ
Anthracene	330	520	UJ
Carbazole	330	520	UJ
Di-n-butylphthalate	330	520	UJ
Fluoranthene	330	27	JJ
Pyrene	330	10	JJ
Butylbenzylphthalate	330	520	UJ
3,3'-Dichlorobenzidine	330	520	UJ
Benzo(a)Anthracene	330	9	JJ
Chrysene	330	17	JJ
bis(2-Ethylhexyl)phthalate	330	520	UJ
Di-n-octylphthalate	330	2	JJ
Benzo(b)Fluoranthene	330	22	JJ
Benzo(k)Fluoranthene	330	520	UJ
Benzo(a)Pyrene	330	520	UJ
Indeno(1,2,3-c,d)Pyrene	330	520	UJ
Dibenz(a,h)Anthracene	330	520	UJ
Benzo(g,h,i)perylene	330	520	UJ

Dilution Factor: 1.00
Percent Solids: 63

Associated Method Blank: H8889
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: -

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:	1452404 #	1452405 #	1452407 #	1454404 #	1454401 #	1454403 #	1454402 #	1455707 #
DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/29/92
DATE EXTRACTED:	10/29/92	10/29/92	10/29/92	11/02/92	11/02/92	11/02/92	11/02/92	11/20/92
DATE ANALYZED:	11/11/92	11/11/92	11/11/92	11/17/92	11/17/92	11/16/92	11/16/92	12/02/92

ANALYTE	SOW-3/90 - II CRQL								
Phenol	330	-	-	-	29 JJ	-	-	-	-
bis(2-Chloroethyl)ether	330	-	-	-	-	-	-	-	-
2-Chlorophenol	330	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	330	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	330	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	330	-	-	-	-	-	-	-	-
2-Methylphenol	330	-	-	-	18 JJ	-	-	-	-
2,2'-oxybis(1-Chloropropane)	330	-	-	-	-	-	-	-	-
4-Methylphenol	330	-	-	-	-	-	-	-	-
N-Nitroso-di-n-propylamine	330	-	-	-	-	-	-	-	-
Hexachloroethane	330	-	-	-	-	-	-	-	-
Nitrobenzene	330	-	-	-	-	-	-	-	-
Isophorone	330	-	-	-	-	-	-	-	-
2-Nitrophenol	330	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	330	-	-	-	22 JJ	-	-	-	-
bis(2-Chloroethoxy)methane	330	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	330	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	330	-	-	-	-	-	-	-	-
Naphthalene	330	-	700 JJ	-	220 JJ	44 JJ	-	-	-
4-Chloroaniline	330	-	-	-	-	-	-	-	-
Hexachlorobutadiene	330	-	-	-	-	-	-	-	-
4-Chloro-3-Methylphenol	330	-	-	-	-	-	-	-	-
2-Methylnaphthalene	330	-	140 JJ	-	300 JJ	8 JJ	5 JJ	-	-
Hexachlorocyclopentadiene	330	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	330	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	800	-	-	-	-	-	-	-	-
2-Chloronaphthalene	330	-	-	-	-	-	-	-	-
2-Nitroaniline	800	-	-	-	-	-	-	-	-
Dimethylphthalate	330	-	-	-	-	-	-	-	-
Acenaphthylene	330	-	400 JJ	-	-	-	-	-	3 JJ
2,6-Dinitrotoluene	330	-	-	-	-	-	-	-	-

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
SAMPLE LOCATION:		SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:		1452404 #	1452405 #	1452407 #	1454404 #	1454401 #	1454403 #	1454402 #	1455707 #
DATE SAMPLED:		10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/29/92
DATE EXTRACTED:		10/29/92	10/29/92	10/29/92	11/02/92	11/02/92	11/02/92	11/02/92	11/20/92
DATE ANALYZED:		11/11/92	11/11/92	11/11/92	11/17/92	11/17/92	11/16/92	11/16/92	12/02/92
3-Nitroaniline	800	-	-	-	-	-	-	-	-
Acenaphthene	330	13 JJ	160 JJ	18 JJ	-	10 JJ	9 JJ	-	9 JJ
2,4-Dinitrophenol	800	-	-	-	-	-	-	-	-
4-Nitrophenol	800	-	-	-	-	-	-	-	-
Dibenzofuran	330	-	890 JJ	9 JJ	52 JJ	4 JJ	8 JJ	-	-
2,4-Dinitrotoluene	330	-	-	-	-	-	-	-	-
Diethylphthalate	330	-	-	-	13 JJ	8 JJ	13 JJ	-	-
4-Chlorophenyl-phenylether	330	-	-	-	-	-	-	-	-
Fluorene	330	-	980	-	-	4 JJ	-	-	-
4-Nitroaniline	800	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	800	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	330	-	-	-	-	-	-	-	-
4-Bromophenyl-phenylether	330	-	-	-	-	-	-	-	-
Hexachlorobenzene	330	-	-	-	-	-	-	-	-
Pentachlorophenol	800	-	-	-	-	-	-	-	-
Phenanthrene	330	100 JJ	9300 D	130 JJ	-	-	-	-	54 JJ
Anthracene	330	-	1500	28 JJ	11 JJ	-	29 JJ	-	7 JJ
Carbazole	330	10 JJ	830 JJ	15 JJ	8 JJ	-	15 JJ	-	4 JJ
Di-n-butylphthalate	330	-	-	-	39 JJ	22 JJ	60 JJ	16 JJ	-
Fluoranthene	330	230 JJ	8400 D	260 JJ	-	-	-	-	120 JJ
Pyrene	330	110 JJ	5400 J	160 JJ	-	-	-	-	65 JJ
Butylbenzylphthalate	330	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	330	-	-	-	-	-	-	-	-
Benzo(a)Anthracene	330	110 JJ	2700	120 JJ	-	14 JJ	120 JJ	11 JJ	71 JJ
Chrysene	330	210 JJ	3100	210 JJ	30 JJ	20 JJ	150 JJ	14 JJ	85 JJ
bis(2-Ethylhexyl)phthalate	330	-	-	-	-	-	-	-	-
Di-n-octylphthalate	330	-	-	-	2 JJ	-	-	-	3 JJ
Benzo(b)Fluoranthene	330	150 JJ	1500	160 JJ	-	-	80 JJ	-	49 JJ
Benzo(k)Fluoranthene	330	130 JJ	1300	130 JJ	-	-	56 JJ	-	42 JJ
Benzo(a)Pyrene	330	70 JJ	1500	85 JJ	-	-	63 JJ	-	42 JJ
Indeno(1,2,3-c,d)Pyrene	330	-	1100	110 JJ	-	-	-	-	-
Dibenz(a,h)Anthracene	330	-	200 JJ	-	-	-	-	-	-
Benzo(g,h,i)perylene	330	-	240 JJ	31 JJ	-	-	-	-	-
Dilution Factor:		2.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00
Percent Solids:		67	71	66	94	90	70	90	65
Associated Method Blank:		B0893	B0893	B0893	F3117	F3117	F3117	F3117	H9026
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 1455708 #
DATE SAMPLED: 10/29/92
DATE EXTRACTED: 11/18/92
DATE ANALYZED: 12/03/92

ANALYTE	SOW-3/90 - II CRQL	
Phenol	330	-
bis(2-Chloroethyl)ether	330	-
2-Chlorophenol	330	-
1,3-Dichlorobenzene	330	-
1,4-Dichlorobenzene	330	-
1,2-Dichlorobenzene	330	-
2-Methylphenol	330	-
2,2'-oxybis(1-Chloropropane)	330	-
4-Methylphenol	330	-
N-Nitroso-di-n-propylamine	330	-
Hexachloroethane	330	-
Nitrobenzene	330	-
Isophorone	330	-
2-Nitrophenol	330	-
2,4-Dimethylphenol	330	-
bis(2-Chloroethoxy)methane	330	-
2,4-Dichlorophenol	330	-
1,2,4-Trichlorobenzene	330	-
Naphthalene	330	-
4-Chloroaniline	330	-
Hexachlorobutadiene	330	-
4-Chloro-3-Methylphenol	330	-
2-Methylnaphthalene	330	-
Hexachlorocyclopentadiene	330	-
2,4,6-Trichlorophenol	330	-
2,4,5-Trichlorophenol	800	-
2-Chloronaphthalene	330	-
2-Nitroaniline	800	-
Dimethylphthalate	330	-
Acenaphthylene	330	-
2,6-Dinitrotoluene	330	-

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

Table 3
Summary Table

SAMPLE LOCATION:	SAWT108XXX92XX
LAB NUMBER:	1455708 #
DATE SAMPLED:	10/29/92
DATE EXTRACTED:	11/18/92
DATE ANALYZED:	12/03/92

ANALYTE	SOW-3/90 - II CRQL		
3-Nitroaniline	800	-	
Acenaphthene	330	-	
2,4-Dinitrophenol	800	-	
4-Nitrophenol	800	-	
Dibenzofuran	330	-	
2,4-Dinitrotoluene	330	-	
Diethylphthalate	330	-	
4-Chlorophenyl-phenylether	330	-	
Fluorene	330	-	
4-Nitroaniline	800	-	
4,6-Dinitro-2-methylphenol	800	-	
N-Nitrosodiphenylamine	330	-	
4-Bromophenyl-phenylether	330	-	
Hexachlorobenzene	330	-	
Pentachlorophenol	800	-	
Phenanthrene	330	14	JJ
Anthracene	330	-	
Carbazole	330	-	
Di-n-butylphthalate	330	-	
Fluoranthene	330	27	JJ
Pyrene	330	10	JJ
Butylbenzylphthalate	330	-	
3,3'-Dichlorobenzidine	330	-	
Benzo(a)Anthracene	330	9	JJ
Chrysene	330	17	JJ
bis(2-Ethylhexyl)phthalate	330	-	
Di-n-octylphthalate	330	2	JJ
Benzo(b)Fluoranthene	330	22	JJ
Benzo(k)Fluoranthene	330	-	
Benzo(a)Pyrene	330	-	
Indeno(1,2,3-c,d)Pyrene	330	-	
Dibenz(a,h)Anthracene	330	-	
Benzo(g,h,i)perylene	330	-	
Dilution Factor:		1.00	
Percent Solids:		63	
Associated Method Blank:		H8889	
Associated Equipment Blank:		SAQS102XXX92XX	
Associated Field Blank:		-	

Site: WASTE PILE
#: Level IV Validation J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range R: Unusable

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Inorganic Aqueous Analysis (ug/L)

01/28/93

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAMW12AXX492XX	SAMW14NX2092XX	SAMWX12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
	LAB NUMBER:	482201 #	480007 #	480011 #	480005 #	480008 #	480010 #	480004 #	480001 #
	DATE SAMPLED:	11/18/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
ANALYTE	SOW-3/90 - II CRQL								
Aluminum	200	2230	45.0 U	3100	46.5 []	45.0 U	45.0 U	421	183 []
Antimony	60	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U	39.8 []	39.0 U	39.0 U
Arsenic	10	5.0 U	5.0 U	5.0 U	5.0 UW	5.0 U	5.0 U	5.0 U	5.0 U
Barium	200	44.5 []	125 []	97.9 []	21.3 []	130 []	79.0 []	35.8 []	31.3 []
Beryllium	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	5000	95100	138000	167000	87000	694000	90300	172000	168000
Chromium	10	161	5.0 U	23.9	5.0 U	1480	5.0 U	5.0 U	5.0 U
Cobalt	50	11.0 []	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	25	18.7 []	4.0 U	8.9 []	51.7	8.0 []	4.0 U	4.0 U	6.3 []
Iron	100	3270 N	413 N	6030 N	911 N	29.0 UN	17300 N	746 N	324 N
Lead	3	21.6 WN	12.0 UN	12.0 UWN	12.4 WN	3.0 UWN	3.9 WN	12.0 UWN	12.0 UWN
Magnesium	5000	64500	62000	90200	1620 []	1200 U	42600	78700	76600
Manganese	15	148	116	505	11.3 []	5.0 U	237	42.4	22.6
Mercury	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.79	0.20 U	0.20 U	0.20 U
Nickel	40	23.5 []	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
Potassium	5000	3380 []	2070 []	8950	392000	11100	6190	921 []	1320 []
Selenium	5	5.0 U	5.0 U	5.0 U	5.0 UW	5.0 U	5.0 U	5.0 U	5.0 U
Silver	10	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Sodium	5000	9790	55400	126000	251000	37200	41000	45700	48800
Thallium	10	5.0 U	5.0 U	5.0 U	5.0 UW	5.0 UW	5.0 U	5.0 U	5.0 U
Vanadium	50	5.5 []	5.1 []	9.8 []	5.0 U	5.0 U	5.0 U	5.2 []	5.0 U
Zinc	20	64.8	653	49.4	474	5.0 U	5.0 U	477	579
Cyanide	10	10.0 U	10.0 U	10.0 U	540	10.0 U	10.0 U	10.0 U	10.0 U
Associated Method Blank:		PB825	PB825	PB825	PB825	PB825	PB825	PB825	PB825
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 480009 #
DATE SAMPLED: 11/17/92

ANALYTE	SOW-3/90 - II CRQL		
Aluminum	200	90.4	[]
Antimony	60	39.0	U
Arsenic	10	5.0	U
Barium	200	72.3	[]
Beryllium	5	1.0	U
Cadmium	5	3.0	U
Calcium	5000	35800	
Chromium	10	50.0	
Cobalt	50	5.0	U
Copper	25	26.7	
Iron	100	450	N
Lead	3	6.0	UWN
Magnesium	5000	84700	
Manganese	15	428	
Mercury	0.2	0.28	
Nickel	40	19.0	U
Potassium	5000	6270	
Selenium	5	5.0	U
Silver	10	4.0	U
Sodium	5000	4150	[]
Thallium	10	5.0	U
Vanadium	50	5.0	U
Zinc	20	62.8	
Cyanide	10	10.0	U

Associated Method Blank: PB825
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -

Site: MONITORING WELL #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Inorganic Aqueous Analysis (ug/L)

01/28/93

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAMPLE LOCATION: SAMW12AXX492XX LAB NUMBER: 482201 # DATE SAMPLED: 11/18/92	SAMW14NX2092XX 480007 # 11/17/92	SAMWX12X1792XX 480011 # 11/17/92	SAMWX1AX0592XX 480005 # 11/17/92	SAMWX4AX1092XX 480008 # 11/17/92	SAMWX5AX2292XX 480010 # 11/17/92	SAMWXX1X1392XD 480004 # 11/17/92	SAMWXX1X1392XX 480001 # 11/17/92
Aluminum	200	2230	45.0 U	3100	46.5 []	45.0 U	45.0 U	421 J	183 []J
Antimony	60	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U	39.8 []	39.0 U	39.0 U
Arsenic	10	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Barium	200	44.5 []	125 []	97.9 []	21.3 []	130 []	79.0 []	35.8 []	31.3 []
Beryllium	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	5000	95100	138000	167000	87000	694000	90300	172000	168000
Chromium	10	161 J	5.0 UJ	23.9 J	5.0 UJ	1480 J	5.0 UJ	5.0 UJ	5.0 UJ
Cobalt	50	11.0 []	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	25	18.7 []	4.0 U	8.9 []	51.7	8.0 []	4.0 U	4.0 U	6.3 []
Iron	100	3270 R	413 R	6030 R	911 R	29.0 U	17300 R	746 R	324 R
Lead	3	21.6 R	12.0 UR	12.0 UR	12.4 R	3.0 UR	3.9 R	12.0 UR	12.0 UR
Magnesium	5000	64500	62000	90200	1620 []	1200 U	42600	78700	76600
Manganese	15	148	116	505	11.3 []	5.0 U	237	42.4 J	22.6 J
Mercury	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.79	0.20 U	0.20 U	0.20 U
Nickel	40	23.5 []	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
Potassium	5000	3380 []	2070 []	8950	392000	11100	6190	921 []	1320 []
Selenium	5	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Silver	10	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ
Sodium	5000	9790	55400	126000	251000	37200	41000	45700	48800
Thallium	10	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U
Vanadium	50	5.5 []	5.1 []	9.8 []	5.0 U	5.0 U	5.0 U	5.2 []	5.0 U
Zinc	20	64.8	653	49.4	474	5.0 U	5.0 U	477	579
Cyanide	10	10.0 U	10.0 U	10.0 U	540	10.0 U	10.0 U	10.0 U	10.0 U
Associated Method Blank:		PB825	PB825	PB825	PB825	PB825	PB825	PB825	PB825
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 480009 #
DATE SAMPLED: 11/17/92

ANALYTE	SOW-3/90 - II CRQL		
Aluminum	200	90.4	[]
Antimony	60	39.0	U
Arsenic	10	5.0	U
Barium	200	72.3	[]
Beryllium	5	1.0	U
Cadmium	5	3.0	U
Calcium	5000	35800	
Chromium	10	50.0	J
Cobalt	50	5.0	U
Copper	25	26.7	
Iron	100	450	R
Lead	3	6.0	UR
Magnesium	5000	84700	
Manganese	15	428	
Mercury	0.2	0.28	
Nickel	40	19.0	U
Potassium	5000	6270	
Selenium	5	5.0	U
Silver	10	4.0	UJ
Sodium	5000	4150	[]
Thallium	10	5.0	U
Vanadium	50	5.0	U
Zinc	20	62.8	
Cyanide	10	10.0	U

Associated Method Blank: PB825
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -

Site: MONITORING WELL #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Inorganic Aqueous Analysis (ug/L) 01/28/93

Table 3
Summary Table

		SAMPLE LOCATION:	SAMW12AXX492XX		SAMW14NX2092XX		SAMWX12X1792XX		SAMWX1AX0592XX		SAMWX4AX1092XX		SAMWX5AX2292XX		SAMWXX1X1392XD		SAMWXX1X1392XX	
		LAB NUMBER:	482201 #		480007 #		480011 #		480005 #		480008 #		480010 #		480004 #		480001 #	
		DATE SAMPLED:	11/18/92		11/17/92		11/17/92		11/17/92		11/17/92		11/17/92		11/17/92		11/17/92	
ANALYTE	SOW-3/90 - II	CRQL																
Aluminum		200	2230		-		3100		46.5	[]	-		-		421	J	183	[]J
Antimony		60	-		-		-		-		-		39.8	[]	-		-	
Arsenic		10	-		-		-		-		-		-		-		-	
Barium		200	44.5	[]	125	[]	97.9	[]	21.3	[]	130	[]	79.0	[]	35.8	[]	31.3	[]
Beryllium		5	-		-		-		-		-		-		-		-	
Cadmium		5	-		-		-		-		-		-		-		-	
Calcium		5000	95100		138000		167000		87000		694000		90300		172000		168000	
Chromium		10	161	J	-		23.9	J	-		1480	J	-		-		-	
Cobalt		50	11.0	[]	-		-		-		-		-		-		-	
Copper		25	18.7	[]	-		8.9	[]	51.7		8.0	[]	-		-		6.3	[]
Iron		100		R		R		R		R	-			R		R		R
Lead		3		R		R		R		R		R		R		R		R
Magnesium		5000	64500		62000		90200		1620	[]	-		42600		78700		76600	
Manganese		15	148		116		505		11.3	[]	-		237		42.4	J	22.6	J
Mercury		0.2	-		-		-		-		0.79		-		-		-	
Nickel		40	23.5	[]	-		-		-		-		-		-		-	
Potassium		5000	3380	[]	2070	[]	8950		392000		11100		6190		921	[]	1320	[]
Selenium		5	-		-		-		-		-		-		-		-	
Silver		10	-		-		-		-		-		-		-		-	
Sodium		5000	9790		55400		126000		251000		37200		41000		45700		48800	
Thallium		10	-		-		-		-		-		-		-		-	
Vanadium		50	5.5	[]	5.1	[]	9.8	[]	-		-		-		5.2	[]	-	
Zinc		20	64.8		653		49.4		474		-		-		477		579	
Cyanide		10	-		-		-		540		-		-		-		-	

Associated Method Blank:	PB825	PB825	PB825	PB825	PB825	PB825	PB825	PB825
Associated Equipment Blank:	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: MONITORING WELL #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 3
Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 480009 #
DATE SAMPLED: 11/17/92

ANALYTE	SOW-3/90 - II CRQL		
Aluminum	200	90.4	[]
Antimony	60	-	
Arsenic	10	-	
Barium	200	72.3	[]
Beryllium	5	-	
Cadmium	5	-	
Calcium	5000	35800	
Chromium	10	50.0	J
Cobalt	50	-	
Copper	25	26.7	
Iron	100		R
Lead	3		R
Magnesium	5000	84700	
Manganese	15	428	
Mercury	0.2	0.28	
Nickel	40	-	
Potassium	5000	6270	
Selenium	5	-	
Silver	10	-	
Sodium	5000	4150	[]
Thallium	10	-	
Vanadium	50	-	
Zinc	20	62.8	
Cyanide	10	-	

Associated Method Blank: PB825
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -

Site: MONITORING WELL #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SALT101XXX92XX		SALT102XXX92XX		SALT103XXX92XX	
	LAB NUMBER:	451401 #		451402 #		451403 #	
	DATE SAMPLED:	10/26/92		10/26/92		10/26/92	
ANALYTE	SOW-3/90 - II CRQL						
Aluminum	200	45.0	U	45.0	U	459	
Antimony	60	39.0	U	39.0	U	39.0	U
Arsenic	10	30.1	SN	59.3	SN	24.5	N
Barium	200	29.7	[]	10.0	U	41.8	[]
Beryllium	5	1.0	U	1.0	U	1.0	U
Cadmium	5	3.0	U	3.0	U	3.0	U
Calcium	5000	77700		27500		52900	
Chromium	10	13.7		5.3	[]	11.3	
Cobalt	50	5.0	U	5.0	U	5.0	U
Copper	25	4.0	U	4.0	U	5.2	[]
Iron	100	54.7	[]	40.8	[]	498	
Lead	3	3.0	UWN	3.3	WN	3.0	UWN
Magnesium	5000	125000		10900		20700	
Manganese	15	75.0		5.0	U	22.8	
Mercury	0.2	0.20	U	0.20	U	0.20	U
Nickel	40	19.0	U	19.0	U	19.0	U
Potassium	5000	268000		77700		78200	
Selenium	5	28.0	SN	157	SN	120	N
Silver	10	4.0	U	7.6	[]	4.0	U
Sodium	5000	182000		26200		33400	
Thallium	10	50.0	UWN	25.0	UN	5.0	UWN
Vanadium	50	5.0	U	5.2	[]	5.0	U
Zinc	20	5.0	U	8.1	[]	11.0	[]
Cyanide	10	10.0	U	10.0	U	10.0	U
Associated Method Blank:		PB796W		PB796W		PB796W	
Associated Equipment Blank:		-		-		-	
Associated Field Blank:		-		-		-	

Site: LEACHATE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Inorganic Aqueous Analysis (ug/L)

01/27/93

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	451401 #	451402 #	451403 #
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
ANALYTE	SOW-3/90 - II CRQL			
Aluminum	200	45.0 U	45.0 U	459
Antimony	60	39.0 U	39.0 U	39.0 U
Arsenic	10	30.1 J	59.3 J	24.5 J
Barium	200	29.7 []	10.0 U	41.8 []
Beryllium	5	1.0 U	1.0 U	1.0 U
Cadmium	5	3.0 UJ	3.0 UJ	3.0 UJ
Calcium	5000	77700	27500	52900
Chromium	10	13.7 J	5.3 []J	11.3 J
Cobalt	50	5.0 U	5.0 U	5.0 U
Copper	25	4.0 U	4.0 U	5.2 []
Iron	100	54.7 []	40.8 []	498
Lead	3	3.0 UJ	3.3 J	3.0 UJ
Magnesium	5000	125000	10900	20700
Manganese	15	75.0	5.0 U	22.8
Mercury	0.2	0.20 U	0.20 U	0.20 U
Nickel	40	19.0 U	19.0 U	19.0 U
Potassium	5000	268000	77700	78200
Selenium	5	28.0 R	157 R	120 R
Silver	10	4.0 U	7.6 []	4.0 U
Sodium	5000	182000	26200	33400
Thallium	10	50.0 UR	25.0 UR	5.0 UR
Vanadium	50	5.0 U	5.2 []	5.0 U
Zinc	20	5.0 U	8.1 []	11.0 []
Cyanide	10	10.0 U	10.0 U	10.0 U
Associated Method Blank:		PB796W	PB796W	PB796W
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: LEACHATE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 3
Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX		SALT102XXX92XX		SALT103XXX92XX	
	LAB NUMBER:	451401 #		451402 #		451403 #	
	DATE SAMPLED:	10/26/92		10/26/92		10/26/92	
ANALYTE	SOW-3/90 - II CRQL						
Aluminum	200	-		-		459	
Antimony	60	-		-		-	
Arsenic	10	30.1	J	59.3	J	24.5	J
Barium	200	29.7	[]	-		41.8	[]
Beryllium	5	-		-		-	
Cadmium	5	-		-		-	
Calcium	5000	77700		27500		52900	
Chromium	10	13.7	J	5.3	[]J	11.3	J
Cobalt	50	-		-		-	
Copper	25	-		-		5.2	[]
Iron	100	54.7	[]	40.8	[]	498	
Lead	3	-		3.3	J	-	
Magnesium	5000	125000		10900		20700	
Manganese	15	75.0		-		22.8	
Mercury	0.2	-		-		-	
Nickel	40	-		-		-	
Potassium	5000	268000		77700		78200	
Selenium	5		R		R		R
Silver	10	-		7.6	[]	-	
Sodium	5000	182000		26200		33400	
Thallium	10		R		R		R
Vanadium	50	-		5.2	[]	-	
Zinc	20	-		8.1	[]	11.0	[]
Cyanide	10	-		-		-	
Associated Method Blank:		PB796W		PB796W		PB796W	
Associated Equipment Blank:		-		-		-	
Associated Field Blank:		-		-		-	

Site: LEACHATE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Inorganic Aqueous Analysis (ug/L)

01/27/93

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAQS101XXX92XX		SAQS102XXX92XX		SAQS103XXX92XX	
	LAB NUMBER:	454413		454414		480006	
	DATE SAMPLED:	10/28/92		10/28/92		11/17/92	
ANALYTE	SOW-3/90 - II CRQL						
Aluminum	200	49.0	[]	45.0	U	45.0	U
Antimony	60	39.7	[]	39.0	U	39.0	U
Arsenic	10	5.0	U	5.0	U	5.0	U
Barium	200	10.0	U	10.0	U	10.0	U
Beryllium	5	1.0	U	1.0	U	1.0	U
Cadmium	5	3.0	U	3.0	U	3.0	U
Calcium	5000	558	U*	558	U*	558	U
Chromium	10	5.0	U	5.0	U	5.0	U
Cobalt	50	5.0	U	5.0	U	5.0	U
Copper	25	4.0	U	4.0	U	4.0	U
Iron	100	36.8	[]	29.0	U	29.0	UN
Lead	3	3.0	U*	3.0	U*	3.0	UN
Magnesium	5000	1200	U	1200	U	1200	U
Manganese	15	5.0	U*	5.0	U*	5.0	U
Mercury	0.2	0.20	U	0.20	U	0.20	U
Nickel	40	19.0	U	19.0	U	19.0	U
Potassium	5000	767	U	767	U	767	U
Selenium	5	5.0	U	5.0	U	5.0	U
Silver	10	4.0	U	4.0	U	4.0	U
Sodium	5000	321	U	321	U	321	U
Thallium	10	5.0	U	5.0	U	5.0	U
Vanadium	50	5.0	U	5.0	U	5.0	U
Zinc	20	5.0	U	5.0	U	5.0	U
Cyanide	10	10.0	U	10.0	U	10.0	U
Associated Method Blank:		PB792W		PB792W		PB825	
Associated Equipment Blank:		-		-		-	
Associated Field Blank:		-		-		-	

Site: EQUIPMENT RINSATE *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II CRQL	SAMPLE LOCATION: SASW101XXX92XX LAB NUMBER: 452401 # DATE SAMPLED: 10/27/92		SASW102XXX92XD 454412 # 10/28/92		SASW102XXX92XX 454409 # 10/28/92		SASW103XXX92XX 455702 # 10/29/92		SASW104XXX92XX 452402 # 10/27/92		SASW105XXX92XX 455703 # 10/29/92		SASW106XXX92XX 455701 # 10/29/92	
Aluminum	200	82.1	[]	45.0	U	179	[]	51.0	[]	128	[]	188	[]	130	[]
Antimony	60	39.0	U	39.0	U	39.0	U	39.0	U	39.0	U	39.0	U	39.0	U
Arsenic	10	5.0	U	5.0	U	5.0	U	5.0	UN	5.0	U	5.0	UN	5.0	UN
Barium	200	45.4	[]	10.0	U	90.8	[]	35.6	[]	346		49.4	[]	239	
Beryllium	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cadmium	5	3.0	U	3.0	[]	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
Calcium	5000	38600	*	717	[]*	64600	*	69100		460000	*	33700		318000	
Chromium	10	11.8		5.0	U	154		5.0	U	755		5.0	U	357	
Cobalt	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Copper	25	5.8	[]	10.6	[]	14.4	[]	4.0	U	13.4	[]	4.0	U	4.0	U
Iron	100	159		55.2	[]	102		78.6	[]	64.4	[]	951		29.0	U
Lead	3	3.0	U*	3.0	UW*	3.0	UW*	3.0	UN	3.5	*	9.2	N	3.0	UN
Magnesium	5000	7130		1200	U	2180	[]	17200		1200	U	11000		1200	U
Manganese	15	27.2	*	5.0	U*	34.2	*	155		5.0	U*	151		5.0	U
Mercury	0.2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	40	19.0	U	19.0	U	19.0	U	19.0	U	19.0	U	19.0	U	19.0	U
Potassium	5000	4850	[]	1080	[]	29000		6910		55300		5290		52200	
Selenium	5	5.0	U	6.8		7.4		50.0	UWN	33.0	S	5.0	UWN	24.3	SN
Silver	10	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Sodium	5000	22400		477	[]	39800		13400		65700		8540		62200	
Thallium	10	5.0	UW	5.0	U	5.0	U	5.0	UN	5.0	UW	5.0	UWN	5.0	UN
Vanadium	50	5.0	U	5.8	[]	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Zinc	20	8.1	[]	5.0	U	12.4	[]	5.0	U	5.0	U	40.4		5.0	U
Cyanide	10	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Associated Method Blank:		PB792W		PB792W		PB792W		PB796W		PB792W		PB796W		PB796W	
Associated Equipment Blank:		-		-		-		-		-		-		-	
Associated Field Blank:		-		-		-		-		-		-		-	

Site: SURFACE WATER #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Inorganic Aqueous Analysis (ug/L)

01/27/93

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SASW101XXX92XX 452401 # 10/27/92	SASW102XXX92XD 454412 # 10/28/92	SASW102XXX92XX 454409 # 10/28/92	SASW103XXX92XX 455702 # 10/29/92	SASW104XXX92XX 452402 # 10/27/92	SASW105XXX92XX 455703 # 10/29/92	SASW106XXX92XX 455701 # 10/29/92
Aluminum	200	82.1 []	45.0 U	179 []	51.0 []	128 []	188 []	130 []
Antimony	60	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U
Arsenic	10	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Barium	200	45.4 []	10.0 U	90.8 []	35.6 []	346	49.4 []	239
Beryllium	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	5	3.0 U	3.0 []	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 UJ
Calcium	5000	38600 J	717 []J	64600 J	69100	460000 J	33700	318000
Chromium	10	11.8 R	5.0 UJ	154 R	5.0 UJ	755 R	5.0 UJ	357 J
Cobalt	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	25	5.8 []	10.6 []	14.4 []	4.0 U	13.4 []	4.0 U	4.0 U
Iron	100	159	55.2 []	102	78.6 []	64.4 []	951	29.0 U
Lead	3	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	3.5 J	9.2 J	3.0 UJ
Magnesium	5000	7130	1200 U	2180 []	17200	1200 U	11000	1200 U
Manganese	15	27.2 J	5.0 UJ	34.2 J	155	5.0 UJ	151	5.0 U
Mercury	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	40	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
Potassium	5000	4850 []J	1080 []J	29000 J	6910	55300 J	5290	52200
Selenium	5	5.0 U	6.8	7.4	50.0 UR	33.0	5.0 UR	24.3 R
Silver	10	4.0 UJ	4.0 UJ	4.0 UJ	4.0 U	4.0 UJ	4.0 U	4.0 U
Sodium	5000	22400	477 []J	39800 J	13400	65700	8540	62200
Thallium	10	5.0 UJ	5.0 U	5.0 U	5.0 UR	5.0 UJ	5.0 UR	5.0 UR
Vanadium	50	5.0 U	5.8 []	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	20	8.1 []	5.0 U	12.4 []	5.0 U	5.0 U	40.4	5.0 U
Cyanide	10	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Associated Method Blank:		PB792W	PB792W	PB792W	PB796W	PB792W	PB796W	PB796W
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SURFACE WATER #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Inorganic Aqueous Analysis (ug/L)

01/27/93

Table 3
Summary Table

	SAMPLE LOCATION:	SASW101XXX92XX		SASW102XXX92XD		SASW102XXX92XX		SASW103XXX92XX		SASW104XXX92XX		SASW105XXX92XX		SASW106XXX92XX	
	LAB NUMBER:	452401 #		454412 #		454409 #		455702 #		452402 #		455703 #		455701 #	
	DATE SAMPLED:	10/27/92		10/28/92		10/28/92		10/29/92		10/27/92		10/29/92		10/29/92	
ANALYTE	SOW-3/90 - II CRQL														
Aluminum	200	82.0	[]	-		179	[]	51.0	[]	128	[]	188	[]	130	[]
Antimony	60	-		-		-		-		-		-		-	
Arsenic	10	-		-		-		-		-		-		-	
Barium	200	45.4	[]	-		90.8	[]	35.6	[]	346		49.4	[]	239	
Beryllium	5	-		-		-		-		-		-		-	
Cadmium	5	-		3.0	[]	-		-		-		-		-	
Calcium	5000	38600	J	717	[]J	64600	J	69100		460000	J	33700		318000	
Chromium	10		R	-			R	-			R	-		357	J
Cobalt	50	-		-		-		-		-		-		-	
Copper	25	5.8	[]	10.6	[]	14.4	[]	-		13.4	[]	-		-	
Iron	100	159		55.2	[]	102		78.6	[]	64.4	[]	951		-	
Lead	3	-		-		-		-		3.5	J	9.2	J	-	
Magnesium	5000	7130		-		2180	[]	17200		-		11000		-	
Manganese	15	27.2	J	-		34.2	J	155		-		151		-	
Mercury	0.2	-		-		-		-		-		-		-	
Nickel	40	-		-		-		-		-		-		-	
Potassium	5000	4850	[]J	1080	[]J	29000	J	6910		55300	J	5290		52200	
Selenium	5	-		6.8		7.4			R	33.0			R		R
Silver	10	-		-		-		-		-		-		-	
Sodium	5000	22400		477	[]J	39800	J	13400		65700		8540		62200	
Thallium	10	-		-		-			R	-			R		R
Vanadium	50	-		5.8	[]	-		-		-		-		-	
Zinc	20	8.1	[]	-		12.4	[]	-		-		40.4		-	
Cyanide	10	-		-		-		-		-		-		-	
Associated Method Blank:		PB792W		PB792W		PB792W		PB796W		PB792W		PB796W		PB796W	
Associated Equipment Blank:		-		-		-		-		-		-		-	
Associated Field Blank:		-		-		-		-		-		-		-	

Site: SURFACE WATER #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Inorganic Soil Analysis (mg/kg)

02/04/93

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SASD101XXX92XX		SASD102XXX92XD		SASD102XXX92XX		SASD103XXX92XX		SASD104XXX92XX		SASD105XXX92XX		SASD106XXX92XX	
	LAB NUMBER:	452403		454408		454405		455704 #		452406		455705 #		455706 #	
	DATE SAMPLED:	10/27/92		10/28/92		10/28/92		10/29/92		10/27/92		10/29/92		10/29/92	
ANALYTE	SOW-3/90 - II CRQL														
Aluminum	40	19900		3870		4000		20000		5450		13500		1830	
Antimony	12	18.6		18.7	[]	22.2	[]	14.6	UN	15.3	U	23.8	UN	14.8	[]N
Arsenic	2	28.9	+	6.7		6.6	S	8.8	+	2.0	U	4.2	[]	1.8	UW
Barium	40	153	*	258	*	294	*	144		231	*	277		133	
Beryllium	1	1.1	[]	0.43	U	0.46	U	0.62	[]	0.39	U	0.61	U	0.36	U
Cadmium	1	0.88	U	1.3	[]	1.4	U	1.1	U	1.2	U	1.8	U	1.1	U
Calcium	1000	56500		260000		276000		7890		248000		93000		239000	
Chromium	2	63.3		440		495		130		338		167		223	
Cobalt	10	13.3	[]	6.7	[]	9.1	[]	14.7	[]	6.5	[]	6.2	[]	1.8	U
Copper	5	24.5		97.5		106		25.6		17.7		93.4		226	
Iron	20	26600		5780		5700		28300		5570		20300		6250	
Lead	0.6	617		66.2		66.9		39.7	SN	23.9	S	199	N	27.9	SN
Magnesium	1000	12300		12700		12900		5190		8380		29500		9290	
Manganese	3	583		1270		1330		736		181		504		376	
Mercury	0.04	0.24		0.22	U	0.23	U	0.42		0.20	U	0.30	U	0.18	U
Nickel	8	28.1		95.6		102		36.1		22.4		48.8		58.1	
Potassium	1000	4910		363	[]	490	[]	3240		1540	[]	1960	[]	274	U
Selenium	1	1.5	UW	2.2	U	2.3	UW	18.8	UWN	2.0	UW	30.5	UWN	17.9	UWN
Silver	2	1.2	U	1.7	U	1.9	U	1.5	UN	1.6	U	2.4	UN	1.4	UN
Sodium	1000	366	[]	335	[]	349	[]	120	U	509	[]	308	[]	226	[]
Thallium	2	1.5	UWN	2.2	UN	2.3	UWN	1.9	UWN	2.0	UWN	3.0	UWN	1.8	UN
Vanadium	10	40.5		16.6	[]	18.4	[]	40.5		18.2	[]	33.6		9.2	[]
Zinc	4	66.7		213		217		90.0		50.1		631		92.6	
Cyanide	2	0.53	U	0.97	U	0.91	U	1.0	U	1.2	U	1.5	U	0.75	U
	Percent Solids:	68		46		43		53		51		33		56	
	Associated Method Blank:	PB792S		PB792S		PB792S		PB796S		PB792S		PB796S		PB796S	
	Associated Equipment Blank:	SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX	
	Associated Field Blank:	-		-		-		-		-		-		-	

Site: SEDIMENT *: Duplicate analysis not met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Inorganic Soil Analysis (mg/kg) 02/04/93

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SASD101XXX92XX 452403 10/27/92		SASD102XXX92XD 454408 10/28/92		SASD102XXX92XX 454405 10/28/92		SASD103XXX92XX 455704 # 10/29/92		SASD104XXX92XX 452406 10/27/92		SASD105XXX92XX 455705 # 10/29/92		SASD106XXX92XX 455706 # 10/29/92	
Aluminum	40	19900		3870	J	4000	J	20000		5450		13500	J	1830	
Antimony	12	18.6		18.7	[]J	22.2	[]J	14.6	UJ	15.3	U	23.8	UJ	14.8	[]J
Arsenic	2	28.9	J	6.7	J	6.6	J	8.8	J	2.0	U	4.2	[]J	1.8	U
Barium	40	153		258	J	294	J	144	J	231		277	J	133	J
Beryllium	1	1.1	[]	0.43	UJ	0.46	UJ	0.62	[]	0.39	U	0.61	UJ	0.36	U
Cadmium	1	0.88	U	1.3	[]J	1.4	UJ	1.1	UJ	1.2	U	1.8	UJ	1.1	UJ
Calcium	1000	56500		260000	J	276000	J	7890		248000		93000	J	239000	
Chromium	2	63.3	R	440	R	495	R	130	J	338	R	167	J	223	J
Cobalt	10	13.3	[]J	6.7	[]J	9.1	[]J	14.7	[]	6.5	[]J	6.2	[]J	1.8	U
Copper	5	24.5		97.5	J	106	J	25.6		17.7		93.4	J	226	
Iron	20	26600		5780	J	5700	J	28300		5570		20300	J	6250	
Lead	0.6	617	J	66.2	J	66.9	J	39.7	J	23.9	J	199	J	27.9	J
Magnesium	1000	12300		12700	J	12900	J	5190		8380		29500	J	9290	
Manganese	3	583		1270	J	1330	J	736		181		504	J	376	
Mercury	0.04	0.24		0.22	UJ	0.23	UJ	0.42		0.20	U	0.30	UJ	0.18	U
Nickel	8	28.1		95.6	J	102	J	36.1	J	22.4		48.8	J	58.1	J
Potassium	1000	4910		363	[]J	490	[]J	3240		1540	[]	1960	[]J	274	U
Selenium	1	1.5	U	2.2	UJ	2.3	UJ	18.8	UR	2.0	UJ	30.5	UR	17.9	UR
Silver	2	1.2	UJ	1.7	UJ	1.9	UJ	1.5	U	1.6	UJ	2.4	UJ	1.4	U
Sodium	1000	366	[]	335	[]J	349	[]J	120	U	509	[]	308	[]J	226	[]
Thallium	2	1.5	UJ	2.2	UJ	2.3	UJ	1.9	UJ	2.0	UJ	3.0	UJ	1.8	UJ
Vanadium	10	40.5		16.6	[]J	18.4	[]J	40.5		18.2	[]	33.6	J	9.2	[]
Zinc	4	66.7	J	213	J	217	J	90.0	J	50.1	J	631	J	92.6	J
Cyanide	2	0.53	U	0.97	UJ	0.91	UJ	1.0	U	1.2	U	1.5	UJ	0.75	U
Percent Solids:		68		46		43		53		51		33		56	
Associated Method Blank:		PB792S		PB792S		PB792S		PB796S		PB792S		PB796S		PB796S	
Associated Equipment Blank:		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX	
Associated Field Blank:		-		-		-		-		-		-		-	

Site: SEDIMENT *: Duplicate analysis not met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

OJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Inorganic Soil Analysis (mg/kg)

Table 3
Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAMPLE LOCATION: SASD101XXX92XX LAB NUMBER: 452403 DATE SAMPLED: 10/27/92		SASD102XXX92XD 454408 10/28/92		SASD102XXX92XX 454405 10/28/92		SASD103XXX92XX 455704 # 10/29/92		SASD104XXX92XX 452406 10/27/92		SASD105XXX92XX 455705 # 10/29/92		SASD106XXX92XX 455706 # 10/29/92	
luminum	40	19900		3870	J	4000	J	20000		5450		13500	J	1830	
ntimony	12	18.6		18.7	[]J	22.2	[]J	-		-		-		14.8	[]J
rsenic	2	28.9	J	6.7	J	6.6	J	8.8	J	-		4.2	[]J	-	
arium	40	153		258	J	294	J	144	J	231		277	J	133	J
eryllium	1	1.1	[]	-		-		0.62	[]	-		-		-	
admium	1	-		1.3	[]J	-		-		-		-		-	
alcium	1000	56500		260000	J	276000	J	7890		248000		93000	J	239000	
hromium	2		R		R		R	130	J		R	167	J	223	J
obalt	10	13.3	[]J	6.7	[]J	9.1	[]J	14.7	[]	6.5	[]J	6.2	[]J	-	
opper	5	24.5		97.5	J	106	J	25.6		17.7		93.4	J	226	
ron	20	26600		5780	J	5700	J	28300		5570		20300	J	6250	
ead	0.6	617	J	66.2	J	66.9	J	39.7	J	23.9	J	199	J	27.9	J
agnesium	1000	12300		12700	J	12900	J	5190		8380		29500	J	9290	
anganese	3	583		1270	J	1330	J	736		181		504	J	376	
ercury	0.04	0.24		-		-		0.42		-		-		-	
ickel	8	28.1		95.6	J	102	J	36.1	J	22.4		48.8	J	58.1	J
otassium	1000	4910		363	[]J	490	[]J	3240		1540	[]	1960	[]J	-	
elenium	1	-		-		-			R	-			R		R
ilver	2	-		-		-		-		-		-		-	
odium	1000	366	[]	335	[]J	349	[]J	-		509	[]	308	[]J	226	[]
hallium	2	-		-		-		-		-		-		-	
anadium	10	40.5		16.6	[]J	18.4	[]J	40.5		18.2	[]	33.6	J	9.2	[]
inc	4	66.7	J	213	J	217	J	90.0	J	50.1	J	631	J	92.6	J
yanide	2	-		-		-		-		-		-		-	
Percent Solids:		68		46		43		53		51		33		56	
Associated Method Blank:		PB792S		PB792S		PB792S		PB796S		PB792S		PB796S		PB796S	
Associated Equipment Blank:		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX		SAQS101XXX92XX	
Associated Field Blank:		-		-		-		-		-		-		-	

Site: SEDIMENT *: Duplicate analysis not met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAWT101XXX92XX		SAWT102XXX92XX		SAWT103XXX92XX		SAWT104XXX92XX		SAWT105XXX92XX		SAWT106XXX92XD		SAWT106XXX92XX		SAWT107XXX92XX	
	LAB NUMBER:	452404		452405		452407		454404		454401		454403		454402		455707 #	
	DATE SAMPLED:	10/27/92		10/27/92		10/27/92		10/28/92		10/28/92		10/28/92		10/28/92		10/29/92	
ANALYTE	SOW-3/90 - II CRQL																
Aluminum	40	3180		13500		5590		254		5960		16700		11900		15000	
Antimony	12	17.8	[]	30.6		44.6		8.3	U	22.3		60.6		38.1		23.5	N
Arsenic	2	1.6	[]W	6.6		30.4		1.1	U	24.2		1.4	UW	1.1	U	3.1	U
Barium	40	37.5	[]*	58.9	*	51.4	[]*	5.3	[]*	207	*	27.8	[]*	31.4	[]*	36.2	[]
Beryllium	1	0.30	U	0.66	[]	0.30	U	0.21	U	1.1	[]	0.86	[]	0.44	[]	0.77	[]
Cadmium	1	0.89	U	0.85	U	0.91	U	0.64	U	0.67	U	0.86	U	0.67	U	2.0	
Calcium	1000	3140		107000		39100		1170		5370		203000		162000		189000	
Chromium	2	701		2060		1630		10.7		130		4980		2400		1030	
Cobalt	10	2.4	[]	42.6		38.3		1.3	[]	13.0		5.0	[]	3.7	[]	3.2	[]
Copper	5	93.7		80.8		158		2.2	[]	1640		9.6		7.7		7.7	[]
Iron	20	17100		19800		27000		2110		30200		3360		2390		2850	
Lead	0.6	19.4	S	400		546		2.2		4.2		6.8		3.9		6.0	N
Magnesium	1000	12000		40600		16300		278	[]	354	[]	76900		56600		71200	
Manganese	3	1320		2040		3350		53.6		7190		354		334		288	
Mercury	0.04	0.15		0.14	U	0.19		0.11	U	0.11	U	0.14	U	0.11	U	0.15	U
Nickel	8	38.9		1110		879		7.4	[]	199		23.5		18.0		11.4	[]
Potassium	1000	2270		1820		3020		163	U	170	U	220	U	170	U	386	[]
Selenium	1	1.5	UW	1.7		2.9		1.1	U	1.1	U	1.4	UW	1.1	UW	15.5	UWN
Silver	2	1.2	U	1.1	U	1.2	U	0.85	U	1.0	[]	1.1	U	0.89	U	1.2	UN
Sodium	1000	408	[]	503	[]	653	[]	68.1	U	836	[]	213	[]	215	[]	99.2	U
Thallium	2	1.5	UN	1.4	UWN	1.5	UN	1.1	UWN	5.5	UWN	1.4	UWN	1.1	UWN	1.5	UWN
Vanadium	10	1.9	[]	77.5		32.5		1.4	[]	5.4	[]	69.0		42.7		39.8	
Zinc	4	280		316		351		8.2		19.2		12.1		9.7		43.6	
Cyanide	2	0.74	U	0.71	U	0.65	U	0.58	U	0.62	U	0.76	U	0.48	U	0.96	U
	Percent Solids:	67		71		66		94		90		70		90		65	
	Associated Method Blank:	PB792S		PB792S		PB792S		PB792S		PB792S		PB792S		PB792S		PB796S	
	Associated Equipment Blank:	SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX	
	Associated Field Blank:	-		-		-		-		-		-		-		-	

Site: WASTE PILE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 455708 #
DATE SAMPLED: 10/29/92

ANALYTE	SOW-3/90 - II CRQL		
Aluminum	40	18800	
Antimony	12	46.1	N
Arsenic	2	3.2	U
Barium	40	38.9	[]
Beryllium	1	0.32	U
Cadmium	1	0.95	U
Calcium	1000	217000	
Chromium	2	2160	
Cobalt	10	2.9	[]
Copper	5	7.0	[]
Iron	20	3400	
Lead	0.6	3.6	N
Magnesium	1000	99200	
Manganese	3	465	
Mercury	0.04	0.16	U
Nickel	8	8.6	[]
Potassium	1000	243	U
Selenium	1	15.8	UWN
Silver	2	1.3	UN
Sodium	1000	102	U
Thallium	2	1.6	UWN
Vanadium	10	55.2	
Zinc	4	31.1	
Cyanide	2	0.67	U
Percent Solids:		63	

Associated Method Blank: PB796S
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: -

Site: WASTE PILE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Inorganic Soil Analysis (mg/kg) 01/27/93

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAWT101XXX92XX 452404 10/27/92		SAWT102XXX92XX 452405 10/27/92		SAWT103XXX92XX 452407 10/27/92		SAWT104XXX92XX 454404 10/28/92		SAWT105XXX92XX 454401 10/28/92		SAWT106XXX92XD 454403 10/28/92		SAWT106XXX92XX 454402 10/28/92		SAWT107XXX92XX 455707 # 10/29/92	
Aluminum	40	3180		13500		5590		254		5960		16700		11900		15000	
Antimony	12	17.8	[]	30.6		44.6		8.3	U	22.3		60.6		38.1		23.5	J
Arsenic	2	1.6	[]J	6.6		30.4		1.1	U	24.2		1.4	U	1.1	U	3.1	U
Barium	40	37.5	[]	58.9		51.4	[]	5.3	[]	207		27.8	[]	31.4	[]	36.2	[]J
Beryllium	1	0.30	U	0.66	[]	0.30	U	0.21	U	1.1	[]	0.86	[]	0.44	[]	0.77	[]
Cadmium	1	0.89	U	0.85	U	0.91	U	0.64	U	0.67	U	0.86	U	0.67	U	2.0	J
Calcium	1000	3140		107000		39100		1170		5370		203000		162000		189000	
Chromium	2	701	R	2060	R	1630	R	10.7	R	130	R	4980	R	2400	R	1030	J
Cobalt	10	2.4	[]J	42.6	J	38.3	J	1.3	[]J	13.0	J	5.0	[]J	3.7	[]J	3.2	[]
Copper	5	93.7		80.8		158		2.2	[]	1640		9.6		7.7		7.7	[]
Iron	20	17100		19800		27000		2110		30200		3360		2390		2850	
Lead	0.6	19.4	J	400	J	546	J	2.2	J	4.2	J	6.8	J	3.9	J	6.0	J
Magnesium	1000	12000		40600		16300		278	[]	354	[]	76900		56600		71200	
Manganese	3	1320		2040		3350		53.6		7190		354		334		288	
Mercury	0.04	0.15		0.14	U	0.19		0.11	U	0.11	U	0.14	U	0.11	U	0.15	U
Nickel	8	38.9		1110		879		7.4	[]	199		23.5		18.0		11.4	[]J
Potassium	1000	2270		1820		3020		163	U	170	U	220	U	170	U	386	[]
Selenium	1	1.5	UJ	1.7		2.9		1.1	U	1.1	U	1.4	UJ	1.1	UJ	15.5	UR
Silver	2	1.2	UJ	1.1	UJ	1.2	UJ	0.85	UJ	1.0	[]R	1.1	UJ	0.89	UJ	1.2	U
Sodium	1000	408	[]	503	[]	653	[]	68.1	U	836	[]	213	[]	215	[]	99.2	U
Thallium	2	1.5	UJ	1.4	UJ	1.5	UJ	1.1	UJ	5.5	UJ	1.4	UJ	1.1	UJ	1.5	UJ
Vanadium	10	1.9	[]	77.5		32.5		1.4	[]	5.4	[]	69.0		42.7		39.8	
Zinc	4	280	J	316	J	351	J	8.2	J	19.2	J	12.1	J	9.7	J	43.6	R
Cyanide	2	0.74	U	0.71	U	0.65	U	0.58	U	0.62	U	0.76	U	0.48	U	0.96	U
Percent Solids:		67		71		66		94		90		70		90		65	
Associated Method Blank:		PB792S		PB792S		PB792S		PB792S		PB792S		PB792S		PB792S		PB796S	
Associated Equipment Blank:		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX	
Associated Field Blank:		-		-		-		-		-		-		-		-	

Site: WASTE PILE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 455708 #
DATE SAMPLED: 10/29/92

ANALYTE	SOW-3/90 - II CRQL		
Aluminum	40	18800	
Antimony	12	46.1	J
Arsenic	2	3.2	U
Barium	40	38.9	[]J
Beryllium	1	0.32	U
Cadmium	1	0.95	UJ
Calcium	1000	217000	
Chromium	2	2160	J
Cobalt	10	2.9	[]
Copper	5	7.0	[]
Iron	20	3400	
Lead	0.6	3.6	J
Magnesium	1000	99200	
Manganese	3	465	
Mercury	0.04	0.16	U
Nickel	8	8.6	[]J
Potassium	1000	243	U
Selenium	1	15.8	UR
Silver	2	1.3	U
Sodium	1000	102	U
Thallium	2	1.6	UJ
Vanadium	10	55.2	
Zinc	4	31.1	R
Cyanide	2	0.67	U
Percent Solids:		63	

Associated Method Blank: PB796S
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: -

Site: WASTE PILE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

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Table 3
Summary Table

ANALYTE	SOW-3/90 - II CRQL	SAWT101XXX92XX 452404 10/27/92		SAWT102XXX92XX 452405 10/27/92		SAWT103XXX92XX 452407 10/27/92		SAWT104XXX92XX 454404 10/28/92		SAWT105XXX92XX 454401 10/28/92		SAWT106XXX92XD 454403 10/28/92		SAWT106XXX92XX 454402 10/28/92		SAWT107XXX92XX 455707 # 10/29/92	
Aluminum	40	3180		13500		5590		254		5960		16700		11900		15000	
Antimony	12	17.8	[]	30.6		44.6		-		22.3		60.6		38.1		23.5	J
Arsenic	2	1.6	[]J	6.6		30.4		-		24.2		-		-		-	
Barium	40	37.5	[]	58.9		51.4	[]	5.3	[]	207		27.8	[]	31.4	[]	36.2	[]J
Beryllium	1	-		0.66	[]	-		-		1.1	[]	0.86	[]	0.44	[]	0.77	[]
Cadmium	1	-		-		-		-		-		-		-		2.0	J
Calcium	1000	3140		107000		39100		1170		5370		203000		162000		189000	
Chromium	2		R		R		R		R		R		R		R	1030	J
Cobalt	10	2.4	[]J	42.6	J	38.3	J	1.3	[]J	13.0	J	5.0	[]J	3.7	[]J	3.2	[]
Copper	5	93.7		80.8		158		2.2	[]	1640		9.6		7.7		7.7	[]
Iron	20	17100		19800		27000		2110		30200		3360		2390		2850	
Lead	0.6	19.4	J	400	J	546	J	2.2	J	4.2	J	6.8	J	3.9	J	6.0	J
Magnesium	1000	12000		40600		16300		278	[]	354	[]	76900		56600		71200	
Manganese	3	1320		2040		3350		53.6		7190		354		334		288	
Mercury	0.04	0.15		-		0.19		-		-		-		-		-	
Nickel	8	38.9		1110		879		7.4	[]	199		23.5		18.0		11.4	[]J
Potassium	1000	2270		1820		3020		-		-		-		-		386	[]
Selenium	1	-		1.7		2.9		-		-		-		-			R
Silver	2	-		-		-		-			R	-		-		-	
Sodium	1000	408	[]	503	[]	653	[]	-		836	[]	213	[]	215	[]	-	
Thallium	2	-		-		-		-		-		-		-		-	
Vanadium	10	1.9	[]	77.5		32.5		1.4	[]	5.4	[]	69.0		42.7		39.8	
Zinc	4	280	J	316	J	351	J	8.2	J	19.2	J	12.1	J	9.7	J		R
Cyanide	2	-		-		-		-		-		-		-		-	
Percent Solids:		67		71		66		94		90		70		90		65	
Associated Method Blank:		PB792S		PB792S		PB792S		PB792S		PB792S		PB792S		PB792S		PB796S	
Associated Equipment Blank:		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX	
Associated Field Blank:		-		-		-		-		-		-		-		-	

Site: WASTE PILE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 3
Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 455708 #
DATE SAMPLED: 10/29/92

ANALYTE	SOW-3/90 - II CRQL		
Aluminum	40	18800	
Antimony	12	46.1	J
Arsenic	2	-	
Barium	40	38.9	[]J
Beryllium	1	-	
Cadmium	1	-	
Calcium	1000	217000	
Chromium	2	2160	J
Cobalt	10	2.9	[]
Copper	5	7.0	[]
Iron	20	3400	
Lead	0.6	3.6	J
Magnesium	1000	99200	
Manganese	3	465	
Mercury	0.04	-	
Nickel	8	8.6	[]J
Potassium	1000	-	
Selenium	1		R
Silver	2	-	
Sodium	1000	-	
Thallium	2	-	
Vanadium	10	55.2	
Zinc	4		R
Cyanide	2	-	
Percent Solids:		63	

Associated Method Blank: PB796S
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: -

Site: WASTE PILE #: Level IV Validation *: Duplicate Analysis not Met +: Coefficient <0.995
U: Not Detected E: Interference M: Duplicate Injection Precision not Met S: Method of Standard Additions []: Less than CRQL
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:		SAMW12AX4X92XX	SAMW14NX2092XX	SAMW12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
LAB NUMBER:		1480012	1480007	1480011	1480005	1480008	1480010	1480004	1480001
DATE SAMPLED:		11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE ANALYZED:		11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92
ANALYTE	RL								
Hexavalent Chromium	0.01	0.04	0.01 U	0.03	0.02	1.56	0.09	0.01	0.02
Associated Method Blank:		BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL U: Not Detected

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SAMWXX5XX792XX
LAB NUMBER:	1480009
DATE SAMPLED:	11/17/92
DATE ANALYZED:	11/18/92

ANALYTE	RL	
Hexavalent Chromium	0.01	0.01 U

Associated Method Blank: BK14800HCR
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -

Site: MONITORING WELL

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Aqueous Analysis (mg/L) 27-Jan-93

Table 2
Validation / Summary Table

SAMPLE LOCATION:		SAMW12AX4X92XX	SAMW14NX2092XX	SAMW12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
LAB NUMBER:		1480012	1480007	1480011	1480005	1480008	1480010	1480004	1480001
DATE SAMPLED:		11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE ANALYZED:		11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92
ANALYTE	RL								
Hexavalent Chromium	0.01	0.04	0.01 U	0.03	0.02	1.56	0.09	0.01	0.02
Associated Method Blank:		BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL U: Not Detected

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Table 2
Validation / Summary Table

SAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 1480009
DATE SAMPLED: 11/17/92
DATE ANALYZED: 11/18/92

ANALYTE	RL	
Hexavalent Chromium	0.01	0.01 U

Associated Method Blank: BK14800HCR
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -

Site: MONITORING WELL

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Aqueous Analysis (mg/L) 27-Jan-93

Table 3
Summary Table

SAMPLE LOCATION:		SAMW12AX4X92XX	SAMW14NX2092XX	SAMW12X1792XX	SAMWX1AX0592XX	SAMWX4AX1092XX	SAMWX5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
LAB NUMBER:		1480012	1480007	1480011	1480005	1480008	1480010	1480004	1480001
DATE SAMPLED:		11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
DATE ANALYZED:		11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92	11/18/92
ANALYTE	RL								
Hexavalent Chromium	0.01	0.04	-	0.03	0.02	1.56	0.09	0.01	0.02
Associated Method Blank:		BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR	BK14800HCR
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL -: Not Detected

Table 3
Summary Table

SAMPLE LOCATION:	SAMWXX5XX792XX
LAB NUMBER:	1480009
DATE SAMPLED:	11/17/92
DATE ANALYZED:	11/18/92

ANALYTE	RL	
Hexavalent Chromium	0.01	-

Associated Method Blank:	BK14800HCR
Associated Equipment Blank:	SAQS103XXX92XX
Associated Field Blank:	-

Site: MONITORING WELL

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401	1451402	1451403
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE ANALYZED:	10/27/92	10/27/92	10/27/92
ANALYTE	RL			
Hexavalent Chromium	0.01	0.01	0.01 U	0.12
Associated Method Blank:		PB14514W	PB14514W	PB14514W
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: LEACHATE U: Not Detected

Table 2
Validation / Summary Table

SAMPLE LOCATION:		SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
LAB NUMBER:		1451401	1451402	1451403
DATE SAMPLED:		10/26/92	10/26/92	10/26/92
DATE ANALYZED:		10/27/92	10/27/92	10/27/92
ANALYTE	RL			
Hexavalent Chromium	0.01	0.01	0.01 U	0.12
Associated Method Blank:		PB14514W	PB14514W	PB14514W
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: LEACHATE U: Not Detected

Table 3
Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401	1451402	1451403
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE ANALYZED:	10/27/92	10/27/92	10/27/92
ANALYTE	RL			
Hexavalent Chromium	0.01	0.01	-	0.12
Associated Method Blank:		PB14514W	PB14514W	PB14514W
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: LEACHATE -: Not Detected

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:		SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
LAB NUMBER:		1452401	1454410	1454409	1455702	1452402	1455703	1455701
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE ANALYZED:		10/28/92	10/29/92	10/29/92	10/31/92	10/28/92	10/31/92	10/31/92
ANALYTE	RL							
Hexavalent Chromium	0.01	0.02	0.16	0.16	0.01 U	0.89	0.01 U	0.35
Associated Method Blank:		BK14524W	PB14544CR	PB14544CR	PB14557W	BK14524W	PB14557W	PB14557W
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SURFACE WATER U: Not Detected

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
	LAB NUMBER:	1452401	1454410	1454409	1455702	1452402	1455703	1455701
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
	DATE ANALYZED:	10/28/92	10/29/92	10/29/92	10/31/92	10/28/92	10/31/92	10/31/92
ANALYTE	RL							
Hexavalent Chromium	0.01	0.02	0.16	0.16	0.01 U	0.89	0.01 U	0.35
Associated Method Blank:		BK14524W	PB14544CR	PB14544CR	PB14557W	BK14524W	PB14557W	PB14557W
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SURFACE WATER U: Not Detected

Table 3
Summary Table

SAMPLE LOCATION:		SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
LAB NUMBER:		1452401	1454410	1454409	1455702	1452402	1455703	1455701
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
DATE ANALYZED:		10/28/92	10/29/92	10/29/92	10/31/92	10/28/92	10/31/92	10/31/92
ANALYTE	RL							
Hexavalent Chromium	0.01	0.02	0.16	0.16	-	0.89	-	0.35
Associated Method Blank:		BK14524W	PB14544CR	PB14544CR	PB14557W	BK14524W	PB14557W	PB14557W
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SURFACE WATER -: Not Detected

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAQS101XXX92XX	SAQS102XXX92XX
	LAB NUMBER:	1454413	1454414
	DATE SAMPLED:	10/28/92	10/28/92
	DATE ANALYZED:	10/29/92	
ANALYTE	RL		
Hexavalent Chromium	0.01	0.01 U	0.01 U
Associated Method Blank:		PB14544CR	PB14544CR
Associated Equipment Blank:		-	-
Associated Field Blank:		-	-

Site: EQUIPMENT RINSATE

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Soil Analysis (mg/kg)

27-Jan-93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:		SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:		1452403	1454408	1454405	1455704	1452406	1455705	1455706
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/30/92	10/27/92	10/30/92	10/30/92
DATA ANALYZED:		10/28/92	10/30/92	10/30/92	11/02/92	10/28/92	11/02/92	11/02/92
ANALYTE	RL							
Hexavalent Chromium	0.20	0.59	NA	3.50	3.23	2.82	6.83	2.02
Percent Solids:		68	46	43	53	51	33	56
Associated Method Blank:		BK14524S	PB14544CR	PB14544CR	PB14557S	BK14524S	PB14557S	PB14557S
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Soil Analysis (mg/kg) 27-Jan-93

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
	LAB NUMBER:	1452403	1454408	1454405	1455704	1452406	1455705	1455706
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/30/92	10/27/92	10/30/92	10/30/92
	DATA ANALYZED:	10/28/92	10/30/92	10/30/92	11/02/92	10/28/92	11/02/92	11/02/92
ANALYTE	RL							
Hexavalent Chromium	0.20	0.59	NA	3.50	3.23	2.82	6.83 J	2.02
Percent Solids:		68	46	43	53	51	33	56
Associated Method Blank:		BK14524S	PB14544CR	PB14544CR	PB14557S	BK14524S	PB14557S	PB14557S
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT

J: Estimated

Table 3
Summary Table

SAMPLE LOCATION:		SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:		1452403	1454408	1454405	1455704	1452406	1455705	1455706
DATE SAMPLED:		10/27/92	10/28/92	10/28/92	10/30/92	10/27/92	10/30/92	10/30/92
DATA ANALYZED:		10/28/92	10/30/92	10/30/92	11/02/92	10/28/92	11/02/92	11/02/92
ANALYTE	RL							
Hexavalent Chromium	0.20	0.59	NA	3.50	3.23	2.82	6.83 J	2.02
Percent Solids:		68	46	43	53	51	33	56
Associated Method Blank:		BK14524S	PB14544CR	PB14544CR	PB14557S	BK14524S	PB14557S	PB14557S
Associated Equipment Blank:		SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX	SAQS101XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT

J: Estimated

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Soil Analysis (mg/kg) 27-Jan-93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:		SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:		1452404	1452405	1452407	1454404	1454401	1454403	1454402	1455707
DATE SAMPLED:		10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/30/92
DATA ANALYZED:		10/28/92	10/28/92	10/28/92	10/30/92	10/30/92	10/30/92	10/30/92	11/02/92
ANALYTE	RL								
Hexavalent Chromium	0.20	3.47	16.0	15.9	0.94	0.50	66.2	51.4	4.11
Percent Solids:		67	71	66	94	90	70	90	65
Associated Method Blank:		BK14524S	BK14524S	BK14524S	PB14544CR	PB14544CR	PB14544CR	PB14544CR	PB14557S
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SAWT108XXX92XX
LAB NUMBER:	1455708
DATE SAMPLED:	10/30/92
DATA ANALYZED:	11/02/92

ANALYTE	RL	
Hexavalent Chromium	0.20	91.6
Percent Solids:		63

Associated Method Blank: PB14557S
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: -

Site: WASTE PILE

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Soil Analysis (mg/kg)

27-Jan-93

Table 2
Validation / Summary Table

SAMPLE LOCATION:		SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:		1452404	1452405	1452407	1454404	1454401	1454403	1454402	1455707
DATE SAMPLED:		10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/30/92
DATA ANALYZED:		10/28/92	10/28/92	10/28/92	10/30/92	10/30/92	10/30/92	10/30/92	11/02/92
ANALYTE	RL								
Hexavalent Chromium	0.20	3.47	16.0	15.9	0.94	0.50	66.2	51.4	4.11
Percent Solids:		67	71	66	94	90	70	90	65
Associated Method Blank:		BK14524S	BK14524S	BK14524S	PB14544CR	PB14544CR	PB14544CR	PB14544CR	PB14557S
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SAWT108XXX92XX
LAB NUMBER:	1455708
DATE SAMPLED:	10/30/92
DATA ANALYZED:	11/02/92

ANALYTE	RL	
Hexavalent Chromium	0.20	91.6
Percent Solids:		63

Associated Method Blank:	PB14557S
Associated Equipment Blank:	SAQS102XXX92XX
Associated Field Blank:	-

Site: WASTE PILE

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Soil Analysis (mg/kg) 27-Jan-93

Table 3
Summary Table

SAMPLE LOCATION:		SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:		1452404	1452405	1452407	1454404	1454401	1454403	1454402	1455707
DATE SAMPLED:		10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/30/92
DATA ANALYZED:		10/28/92	10/28/92	10/28/92	10/30/92	10/30/92	10/30/92	10/30/92	11/02/92
ANALYTE	RL								
Hexavalent Chromium	0.20	3.47	16.0	15.9	0.94	0.50	66.2	51.4	4.11
Percent Solids:		67	71	66	94	90	70	90	65
Associated Method Blank:		BK14524S	BK14524S	BK14524S	PB14544CR	PB14544CR	PB14544CR	PB14544CR	PB14557S
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE

Table 3
Summary Table

SAMPLE LOCATION:	SAWT108XXX92XX
LAB NUMBER:	1455708
DATE SAMPLED:	10/30/92
DATA ANALYZED:	11/02/92

ANALYTE	RL	
Hexavalent Chromium	0.20	91.6
Percent Solids:		63

Associated Method Blank:	PB14557S
Associated Equipment Blank:	SAQS102XXX92XX
Associated Field Blank:	-

Site: WASTE PILE

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Aqueous Analysis (ug/L) 04-Feb-93

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
	LAB NUMBER:	E52403	E54408	E54405	E55704	E52406	E55705	E55706
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
ANALYTE	RL							
Arsenic	43.0	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U
Barium	10.0	596 N	208 N	198 []N	778	638 N	767	524
Cadmium	3.0	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Chromium	5.0	5.0 UE	28.6	26.8 E	5.0 U	63.8	5.0 U	39.5
Lead	40.0	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U
Mercury	0.20	0.20 U	0.20 U	0.20 U	0.20 UN	0.20 U	0.20 UN	0.20 U
Selenium	51.0	51.0 U	51.0 U	101	51.0 U	51.0 U	51.0 U	51.0 U
Silver	4.0	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Associated Method Blank:		PB792EP	PB792EP	PB792EP	BKSDG796EP	PB792EP	BKSDG796EP	BKSDG796EP
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT U: Not Detected N: Spike Recovery not Met E: Interference []: Less than CRQL
Note: EPTOX ANALYSIS

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Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
	LAB NUMBER:	E52403	E54408	E54405	E55704	E52406	E55705	E55706
	DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/29/92	10/27/92	10/29/92	10/29/92
ANALYTE	RL							
Arsenic	43.0	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U
Barium	10.0	596 J	208 J	198 []J	778	638 J	767	524
Cadmium	3.0	3.0 U	3.0 U	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 UJ
Chromium	5.0	5.0 U	28.6 J	26.8 J	5.0 U	63.8 J	5.0 U	39.5
Lead	40.0	40.0 U	40.0 U	40.0 U	40.0 UJ	40.0 U	40.0 UJ	40.0 UJ
Mercury	0.20	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 UJ	0.20 UJ
Selenium	51.0	51.0 UJ	51.0 UJ	101 J	51.0 U	51.0 UJ	51.0 U	51.0 U
Silver	4.0	4.0 U	4.0 U	4.0 U	4.0 UJ	4.0 U	4.0 UJ	4.0 UJ
Associated Method Blank:		PB792EP	PB792EP	PB792EP	BKSDG796EP	PB792EP	BKSDG796EP	BKSDG796EP
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT U: Not Detected J: Interference []: Less than CRQL
Note: EPTOX ANALYSIS

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Aqueous Analysis (ug/L) 04-Feb-93

Table 3
Summary Table

ANALYTE	RL	SASD101XXX92XX E52403 10/27/92	SASD102XXX92XD E54408 10/28/92	SASD102XXX92XX E54405 10/28/92	SASD103XXX92XX E55704 10/29/92	SASD104XXX92XX E52406 10/27/92	SASD105XXX92XX E55705 10/29/92	SASD106XXX92XX E55706 10/29/92
Arsenic	43.0	-	-	-	-	-	-	-
Barium	10.0	596 J	208 J	198 []J	778	638 J	767	524
Cadmium	3.0	-	-	-	-	-	-	-
Chromium	5.0	-	28.6 J	26.8 J	-	63.8 J	-	39.5
Lead	40.0	-	-	-	-	-	-	-
Mercury	0.20	-	-	-	-	-	-	-
Selenium	51.0	-	-	101 J	-	-	-	-
Silver	4.0	-	-	-	-	-	-	-
Associated Method Blank:		PB792EP	PB792EP	PB792EP	BKSDG796EP	PB792EP	BKSDG796EP	BKSDG796EP
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT -: Not Detected J: Interference []: Less than CRQL
Note: EPTOX ANALYSIS

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Aqueous Analysis (ug/L) 04-Feb-93

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XX	SAWT106XXX92XD	SAWT107XXX92XX
	LAB NUMBER:	E52404	E52405	E52407	E54404	E54401	E54402	E54403	E55707
	DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/29/92
ANALYTE	RL								
Arsenic	43.0	43.0 U	43.0 U	62.7	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U
Barium	10.0	613 N	509 N	420 N	532 N	323 N	459 N	522 N	412
Cadmium	3.0	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3 U
Chromium	5.0	93.4 E	247 E	350 E	5.0 UE	5.0 UE	508 E	887	118
Lead	40.0	105	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U
Mercury	0.20	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UN
Selenium	51.0	51.0 U	51.0 U	51.0 U	51.0 U	51.0 U	51.0 U	51.0 U	51.0 U
Silver	4.0	4.0 U	4.0 U	4.0 U	9.4 []	4.0 U	4.0 U	4.0 U	4.0 U
Associated Method Blank:		PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	BKSDG796EP
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE
Note: EPTOX ANALYSIS U: Not detected N: Spike recovery not met E: Interference []: Less than CRQL

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: E55708
DATE SAMPLED: 10/29/92

ANALYTE	RL	
Arsenic	43.0	43.0 U
Barium	10.0	564
Cadmium	3.0	3.0 U
Chromium	5.0	411
Lead	40.0	40.0 U
Mercury	0.20	0.20 UN
Selenium	51.0	51.0 U
Silver	4.0	4.0 U

Associated Method Blank: BKSDG796EP
Associated Equipment Blank: -
Associated Field Blank: -

Site: WASTE PILE
Note: EPTOX ANALYSIS

U: Not detected N: Spike recovery not met E: Interference []: Less than CRQL

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Aqueous Analysis (ug/L) 04-Feb-93

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XX	SAWT106XXX92XD	SAWT107XXX92XX
	LAB NUMBER:	E52404	E52405	E52407	E54404	E54401	E54402	E54403	E55707
	DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/29/92
ANALYTE	RL								
Arsenic	43.0	43.0 U	43.0 U	62.7	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U
Barium	10.0	613 J	509 J	420 J	532 J	323 J	459 J	522 J	412
Cadmium	3.0	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 UJ
Chromium	5.0	93.4 J	247 J	350 J	5.0 U	5.0 U	508 J	887 J	118
Lead	40.0	105	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 UJ
Mercury	0.20	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Selenium	51.0	51.0 UJ	51.0 UJ	51.0 UJ	51.0 UJ	51.0 UJ	51.0 UJ	51.0 UJ	51.0 U
Silver	4.0	4.0 U	4.0 U	4.0 U	9.4 []	4.0 U	4.0 U	4.0 U	4.0 UJ
Associated Method Blank:		PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	BKSDG796EP
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE
Note: EPTOX ANALYSIS U: Not detected J: Estimated []: Less than CRQL

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: E55708
DATE SAMPLED: 10/29/92

ANALYTE	RL	
Arsenic	43.0	43.0 U
Barium	10.0	564
Cadmium	3.0	3.0 UJ
Chromium	5.0	411
Lead	40.0	40.0 UJ
Mercury	0.20	0.20 UJ
Selenium	51.0	51.0 U
Silver	4.0	4.0 UJ

Associated Method Blank: BKSDG796EP
Associated Equipment Blank: -
Associated Field Blank: -

Site: WASTE PILE
Note: EPTOX ANALYSIS U: Not detected J: Estimated []: Less than CRQL

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Miscellaneous Aqueous Analysis (ug/L) 04-Feb-93

Table 3
Summary Table

SAMPLE LOCATION:		SAWT101XXX92XX	SAWT104XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT105XXX92XX	SAWT106XXX92XX	SAWT106XXX92XD	SAWT107XXX92XX
LAB NUMBER:		E52404	E54404	E52405	E52407	E54401	E54402	E54403	E55707
DATE SAMPLED:		10/27/92	10/28/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/29/92
ANALYTE	RL								
Arsenic	43.0	-	-	-	62.7	-	-	-	-
Barium	10.0	613 J	532 J	509 J	420 J	323 J	459 J	522 J	412
Cadmium	3.0	-	-	-	-	-	-	-	-
Chromium	5.0	93.4 J	-	247 J	350 J	-	508 J	887 J	118
Lead	40.0	105	-	-	-	-	-	-	-
Mercury	0.20	-	-	-	-	-	-	-	-
Selenium	51.0	-	-	-	-	-	-	-	-
Silver	4.0	-	9.4 []	-	-	-	-	-	-
Associated Method Blank:		PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	PB792EP	BKSDG796EP
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE PILE
Note: EPTOX ANALYSIS J: Estimated []: Less than CRQL -: Not detected

Table 3
Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: E55708
DATE SAMPLED: 10/29/92

ANALYTE	RL	
Arsenic	43.0	-
Barium	10.0	564
Cadmium	3.0	-
Chromium	5.0	411
Lead	40.0	-
Mercury	0.20	-
Selenium	51.0	-
Silver	4.0	-

Associated Method Blank: BKSDG796EP
Associated Equipment Blank: -
Associated Field Blank: -

Site: WASTE PILE
Note: EPTOX ANALYSIS J: Estimated []: Less than CRQL -: Not detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Aqueous Analysis (mg/L)

27-Jan-93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:		SALT001XXX92XX	SALT002XXX92XX	SALT003XXX92XX
LAB NUMBER:		1544001	1544002	1544003
DATE SAMPLED:		10/26/92	10/26/92	10/26/92
DATE ANALYZED:		10/27/92	10/27/92	10/27/92
ANALYTE	RL			
Reactivity (Cyanide)	1	1 U	1 U	1 U
Reactivity (Sulfide)	1	1 U	1 U	1 U
Associated Method Blank:		PB15440W	PB15440W	PB15440W
Associated Equipment Blank:		SAQS010XXX92XX	SAQS010XXX92XX	SAQS010XXX92XX
Associated Field Blank:		-	-	-

Site: LEACHATE

U: Not Detected

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SALT001XXX92XX	SALT002XXX92XX	SALT003XXX92XX
LAB NUMBER:	1544001	1544002	1544003
DATE SAMPLED:	10/26/92	10/26/92	10/26/92
DATE ANALYZED:	10/27/92	10/27/92	10/27/92

ANALYTE	RL			
Reactivity (Cyanide)	1	1 U	1 U	1 U
Reactivity (Sulfide)	1	1 U	1 U	1 U

Associated Method Blank:	PB15440W	PB15440W	PB15440W
Associated Equipment Blank:	SAQS010XXX92XX	SAQS010XXX92XX	SAQS010XXX92XX
Associated Field Blank:	-	-	-

Site: LEACHATE U: Not Detected

Table 3
Summary Table

	SAMPLE LOCATION:	SALT001XXX92XX	SALT002XXX92XX	SALT003XXX92XX
	LAB NUMBER:	1544001	1544002	1544003
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE ANALYZED:	10/27/92	10/27/92	10/27/92
ANALYTE	RL			
Reactivity (Cyanide)	1	-	-	-
Reactivity (Sulfide)	1	-	-	-
Associated Method Blank:		PB15440W	PB15440W	PB15440W
Associated Equipment Blank:		SAQS010XXX92XX	SAQS010XXX92XX	SAQS010XXX92XX
Associated Field Blank:		-	-	-

Site: LEACHATE -: Not Detected

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAQS010XXX92XX
LAB NUMBER: 1544004
DATE SAMPLED: 10/28/92
DATE ANALYZED: 10/29/92

ANALYTE	RL	
Reactivity (Cyanide)	1	1 U
Reactivity (Sulfide)	1	1 U

Associated Method Blank: PB15440W
Associated Equipment Blank: -
Associated Field Blank: -

Site: EQUIPMENT RINSATE U: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Aqueous Analysis

27-Jan-93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
LAB NUMBER:	1451401	1451402	1451403
DATE SAMPLED:	10/26/92	10/26/92	10/26/92
DATE ANALYZED:	11/02/92	11/02/92	11/02/92
ANALYTE			
Corrosivity (pH)	7.76	7.82	7.45
Associated Method Blank:	-	-	-
Associated Equipment Blank:	-	-	-
Associated Field Blank:	-	-	-

Site: LEACHATE

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Aqueous Analysis

27-Jan-93

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
LAB NUMBER:	1451401	1451402	1451403
DATE SAMPLED:	10/26/92	10/26/92	10/26/92
DATE ANALYZED:	11/02/92	11/02/92	11/02/92
ANALYTE			
Corrosivity (pH)	7.76	7.82	7.45
Associated Method Blank:	-	-	-
Associated Equipment Blank:	-	-	-
Associated Field Blank:	-	-	-

Site: LEACHATE

Table 3
Summary Table

	SAMPLE LOCATION:	SALT101XXX92XX	SALT102XXX92XX	SALT103XXX92XX
	LAB NUMBER:	1451401	1451402	1451403
	DATE SAMPLED:	10/26/92	10/26/92	10/26/92
	DATE ANALYZED:	11/02/92	11/02/92	11/02/92
ANALYTE				
Corrosivity (pH)		7.76	7.82	7.45
Associated Method Blank:		-	-	-
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: LEACHATE

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Soil Analysis

27-Jan-93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:	1452403	1454408	1454405	1455704	1452406	1455705	1455706
DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/30/92	10/27/92	10/30/92	10/30/92
DATE ANALYZED:	10/30/92	11/02/92	11/02/92	11/03/92	10/30/92	11/03/92	11/03/92
ANALYTE							
Corrosivity (pH)	8.17	9.35	9.3	6.00	9.38	9.35	9.50
Percent Solids:	68	46	43	53	51	33	56
Associated Method Blank:	-	-	-	-	-	-	-
Associated Equipment Blank:	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-

Site: SEDIMENT

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:	1452403	1454408	1454405	1455704	1452406	1455705	1455706
DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/30/92	10/27/92	10/30/92	10/30/92
DATE ANALYZED:	10/30/92	11/02/92	11/02/92	11/03/92	10/30/92	11/03/92	11/03/92
ANALYTE							
Corrosivity (pH)	8.17	9.35	9.3	6.00	9.38	9.35	9.50
Percent Solids:	68	46	43	53	51	33	56
Associated Method Blank:	-	-	-	-	-	-	-
Associated Equipment Blank:	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-

Site: SEDIMENT

Table 3
Summary Table

SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:	1452403	1454408	1454405	1455704	1452406	1455705	1455706
DATE SAMPLED:	10/27/92	10/28/92	10/28/92	10/30/92	10/27/92	10/30/92	10/30/92
DATE ANALYZED:	10/30/92	11/02/92	11/02/92	11/03/92	10/30/92	11/03/92	11/03/92
ANALYTE							
Corrosivity (pH)	8.17	9.35	9.3	6.00	9.38	9.35	9.50
Percent Solids:	68	46	43	53	51	33	56
Associated Method Blank:	-	-	-	-	-	-	-
Associated Equipment Blank:	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-

Site: SEDIMENT

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Soil Analysis

27-Jan-93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XZXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:	1452404	1452405	1452407	1454404	1454401	1454403	1454402	1455707
DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/30/92
DATE ANALYZED:	10/30/92	10/30/92	10/30/92	11/02/92	11/02/92	11/02/92	11/02/92	11/02/92
ANALYTE								
Corrosivity (pH)	7.5	8.92	9.12	6.54	6.35	10.51	10.12	9.90
Percent Solids:	67	71	66	94	90	70	90	65
Associated Method Blank:	-	-	-	-	-	-	-	-
Associated Equipment Blank:	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: WASTE PILE

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SAWT108XXX92XX
LAB NUMBER:	1455708
DATE SAMPLED:	10/30/92
DATE ANALYZED:	11/02/92

ANALYTE	
Corrosivity (pH)	8.24
Percent Solids:	63
Associated Method Blank:	-
Associated Equipment Blank:	-
Associated Field Blank:	-

Site: WASTE PILE

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Soil Analysis

27-Jan-93

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XZXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:	1452404	1452405	1452407	1454404	1454401	1454403	1454402	1455707
DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/30/92
DATE ANALYZED:	10/30/92	10/30/92	10/30/92	11/02/92	11/02/92	11/02/92	11/02/92	11/02/92
ANALYTE								
Corrosivity (pH)	7.5	8.92	9.12	6.54	6.35	10.51	10.12	9.90
Percent Solids:	67	71	66	94	90	70	90	65
Associated Method Blank:	-	-	-	-	-	-	-	-
Associated Equipment Blank:	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: WASTE PILE

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SAWT108XXX92XX
LAB NUMBER:	1455708
DATE SAMPLED:	10/30/92
DATE ANALYZED:	11/02/92

ANALYTE	
Corrosivity (pH)	8.24
Percent Solids:	63
Associated Method Blank:	-
Associated Equipment Blank:	-
Associated Field Blank:	-

Site: WASTE PILE

Table 3
Summary Table

SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XZXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX
LAB NUMBER:	1452404	1452405	1452407	1454404	1454401	1454403	1454402	1455707
DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/28/92	10/30/92
DATE ANALYZED:	10/30/92	10/30/92	10/30/92	11/02/92	11/02/92	11/02/92	11/02/92	11/02/92
ANALYTE								
Corrosivity (pH)	7.5	8.92	9.12	6.54	6.35	10.51	10.12	9.90
Percent Solids:	67	71	66	94	90	70	90	65
Associated Method Blank:	-	-	-	-	-	-	-	-
Associated Equipment Blank:	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: WASTE PILE

Table 3
Summary Table

SAMPLE LOCATION:	SAWT108XXX92XX
LAB NUMBER:	1455708
DATE SAMPLED:	10/30/92
DATE ANALYZED:	11/02/92

ANALYTE	
Corrosivity (pH)	8.24
Percent Solids:	63
Associated Method Blank:	-
Associated Equipment Blank:	-
Associated Field Blank:	-

Site: WASTE PILE

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-100
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SASW101XXX92XX SASW104XXX92XX

SEMIVOLATILE

	SASW104XXX92XX
3-Methylbutanoic Acid	47 JN
2-Methylbutanoic Acid	23 JN
Benzene Acetic Acid	2 JN
C7H6O2 Hydrocarbon	4 J
C8H8O3 Hydrocarbon	6 J
C8H8O2 Hydrocarbon	2 J
C9H10O3 Hydrocarbon	6 J
Unknown Aromatic Hydrocarbon	2 J

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SASW101XXX92XX

Data Qualifiers: J: Estimated N: Presumptive evidence A: Aldol-condensation product

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-100
SOIL (ug/kg)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SASD101XXX92XX
SASD104XXX92XX
SAWT101XXX92XX
SAWT102XXX92XX
SAWT103XXX92XX

SEMIVOLATILE

	SASD101XXX92XX	SASD104XXX92XX	SAWT101XXX92XX	SAWT102XXX92XX
Unknown Alkane	2900 J(12)	3400 J(5)	770 J(3)	
Unknown Acid	530 J	520 J	270 J	
Unknown Ketone		240 J		
Unknown Alcohol		230 J		
Unknown PAH				220 J
C13H10O Hydrocarbon				1700 J(3)
C17H12 Unknown PAH		1000 J		360 J
C18H12 Unknown PAH				2600 J(2)
C20H12 Unknown PAH				

	SAWT102XXX92XXDL	SAWT103XXX92XX
C15H12 Unknown PAH	920 J(2)	
C17H12 Unknown PAH	1400 J(2)	
C18H10 Unknown PAH	360 J	
C20H12 Unknown PAH	2100 J(2)	
Unknown Acid		320 J
Unknown Alkane		260 J
		420 J(2)

Data Qualifiers: J: Estimated N: Presumptive evidence A: Aldol-condensation product

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-101
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SALT101XXX92XX
SALT102XXX92XX
SALT103XXX92XX
SALT103XXX92XXRE

SEMIVOLATILE

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SALT101XXX92XX
SALT102XX92XX
SALT103XXX92XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-104
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SAQS101XXX92XX
SAQS102XXX92XX
SAQT101XXX92XX
SASW102XXX92XX
SASW102XXX92XD

SEMIVOLATILE

	SAQS101XXX92XX	SASW102XXX92XX	SASW102XXX92XD
Unknown Alkane	79 J	9 J(3)	12 J(2)
Unknown Aromatic			5 J
Unknown Acid			

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SAQS102XXX92XX SAQS102XXX92XXRE

Data Qualifiers: J: Estimated N: Presumptive evidence A: Aldol-condensation product

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-104
SOIL (ug/kg)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SASD102XXX92XX	SAWT105XXX92XX
SASD102XXX92XD	SAWT106XXX92XX
SAWT104XXX92XX	SAWT106XXX92XD

SEMIVOLATILE

	SASD102XXX92XX	SASD102XXX92XDRE	SAWT104XXX92XX	SAWT105XXX92XX
Unknown Alkane	3500 J(3)	7600 J(14)	1700 J(5)	440 J(4)
C17H12 Aromatic Hydrocarbon	1500 J(2)	970 J		
C20H12 Aromatic Hydrocarbon	12000 J(2)	780 J		
C15H12 Aromatic Hydrocarbon		390 J		
C9H12 Aromatic Hydrocarbon			240 J	
C11H12 Aromatic Hydrocarbon			230 J	
Dimethyl Naphthalene Isomer			620 J(2)	
C12 Naphthalene Isomer			150 J	

	SAWT106XXX92XX	SAWT106XXX92XD
Unknown Alkane		350 J(3)
Unknown Acid		330 J(2)

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SASD102XXX92XD	SAWT106XXX92XXRE

Data Qualifiers: J: Estimated N: Presumptive evidence A: Aldol-condensation product

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-105
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SAQT102XXX92XX	SASW105XXX92XX
SASW103XXX92XX	SASW106XXX92XX

SEMIVOLATILE

	SASW106XXX92XX
Unknown Aromatic	5 J(2)

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SASW103XXX92XX

Data Qualifiers: J: Estimated N: Presumptive evidence A: Aldol-condensation product

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-105
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SASD103XXX92XX
SASD105XXX92XX
SASD106XXX92XX
SAWT107XXX92XX
SAWT108XXX92XX

SEMIVOLATILE

	SASD103XXX92XX	SASD105XXX92XX	SASD106XXX92XX	SASD107XXX92XX
Hexadecanoic Acic	110 JN(1)			
Unknown Aromatic	150 J(1)	440 J		
C17H12 Aromatic Hydrocarbon	2000 J(4)			
Unknown Alkane	2200 J(2)	4200 J(2)	1800 J(8)	110 J
C20H12 Aromatic Hydrocarbon	850 J			
Unknown Acid		490 J		
C11H10 Aromatic Hydrocarbon			160 J	
Dimethyl Naphthalene Isomer			350 J(2)	
C13H14 Aromatic Hydrocarbon			130 J	
Unknown Alkane + Unknown			200 J	
C20H12 Aromatic Hydrocarbon			1000 J	
Unknown Alkane + Aromatic				110 J

	SAWT108XXX92XX
Unknown Alkane	170 J
Unknown Alkene	170 J

Data Qualifiers: J: Estimated N: Presumptive evidence A: Aldol-condensation product

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-108
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SAMWXX1X1392XX	SAMWXX5XX792XX
SAMWXX1X1392XD	SAMWX1AX0592XX
SAMWX12X1792XX	SAMWX5AX2292XX
SAMW12AX4X92XX	SAQS103XXX92XX
SAMW14NX2092XX	SAQT103XXX92XX
SAMWS4AX1092XX	

SEMIVOLATILE

	SAMWX4AX1092XX	SAMWXX5XX792XX	SAMWXX5XX792XXRE	SAMWX1AX0592XX
Unknown Acid	2 J			
Unknown Aromatic	5 J(2)	18 J		52 J(4)
Benzaldehyde Isomer	5 J			
C10H12 Aromatic Hydrocarbon		14 J	13 J	
C13H28 Alkane		18 J	68 J(2)	
C12H24 Alkane		23 J		
Unknown Alkane		260 J(6)	280 (9)	
C11H10 Aromatic Hydrocarbon		17 J	14 J	
C12H16 Aromatic Hydrocarbon		45 J		
Trimethyl Naphthalene Isomer		23 J	16 J	
C14H14 Aromatic Hydrocarbon		34 J	27 J	
C16H14 Aromatic Hydrocarbon		21 J		
Unknown Cyclohexane			16 J	
Unknown Cycloalkane			95 J	
C4H8 Unknown				6 J

	SAMWX1AX0592XXDL
Unknown Aromatic	48 J

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SAMWXX1X1392XX	SAMW14NX2092XX
SAMWXX1X1392XD	SAMWX5AX2292XX
SAMWX12X1792XX	SAQS103XXX92XX
SAMW12AX4X92XX	

Data Qualifiers: J: Estimated N: Presumptive evidence A: Aldol-condensation product

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR SKW ALLOYS, INC.; FILE: 7083-109
AQUEOUS (ug/L)

SEMIVOLATILE

	SAMW12XX1792XX
Unknown Aromatic	9 J

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SAMW12AXX492XX

Data Qualifiers: J: Estimated N: Presumptive evidence A: Aldol-condensation product

SECTION 3.0

SURVEY CONTROL REPORT

New York State Department of Environmental Conservation

SUPERFUND STANDBY CONTRACT
Task Order Memorandum 'C'

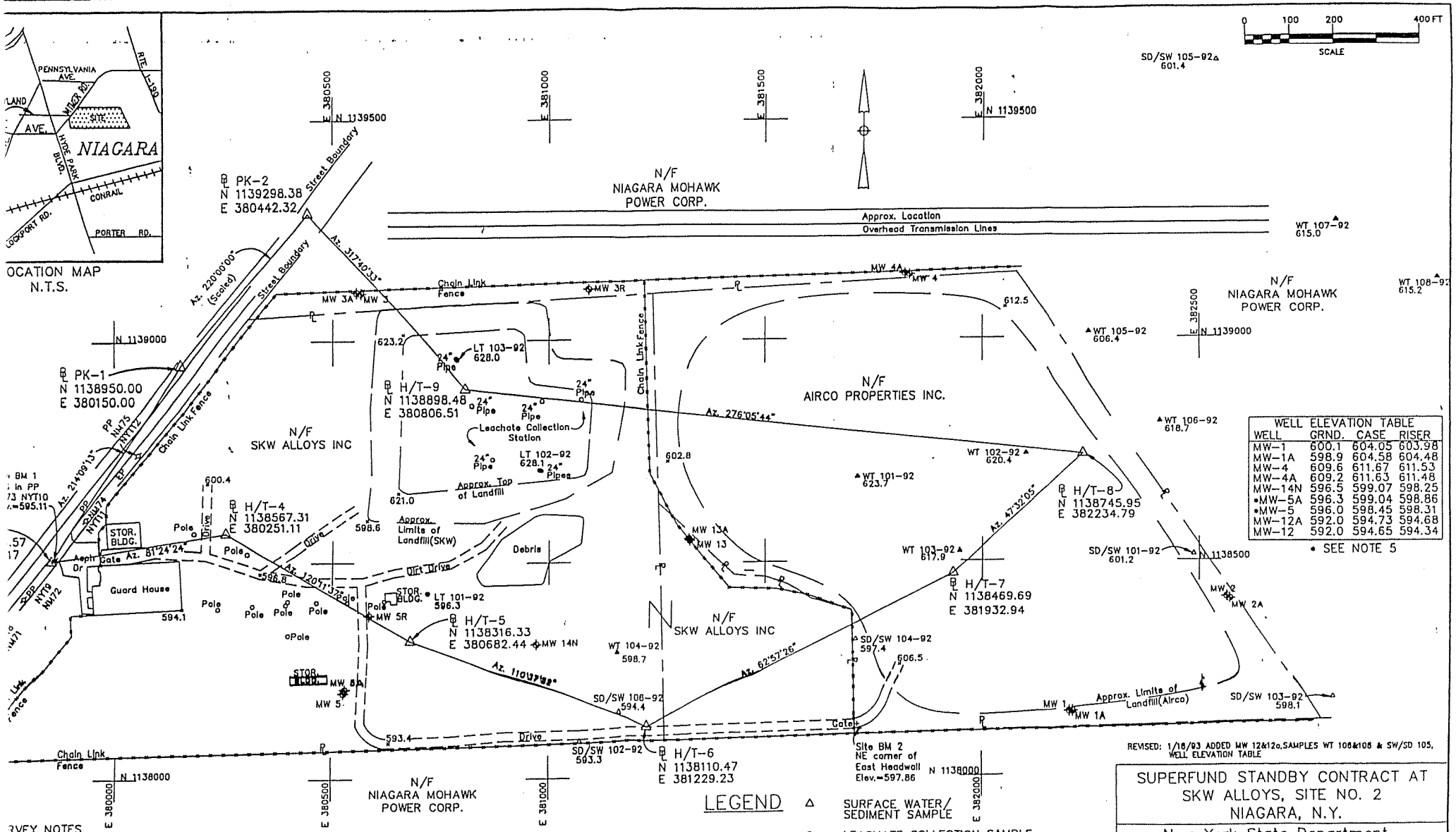
PRELIMINARY SITE ASSESSMENT NO. 6

SKW ALLOYS, INC.

CONTROL REPORT

DECEMBER 1992

OM P. POPLI, P.E.
Consulting Engineers & Land Surveyors
44 Saginaw Drive
Rochester, NY 14623
(716) 442-6940



SURVEY NOTES

ALL LOCATIONS SHOWN ON THIS MAP ARE BASED ON A SCALED COORDINATE SYSTEM FROM THE U.S.G.S. QUADRANGLE LEWISTON.

ALL ELEVATIONS SHOWN ON THIS MAP ARE BASED ON AN ASSUMED ELEVATION OF 610', SCALED FROM THE U.S.G.S. QUADRANGLE LEWISTON.

ALL PROPERTY LINE AND R.O.W. INFORMATION SHOWN ON THIS MAP WAS DETERMINDED BY CURRENT TAX MAP INFORMATION ONLY.

4.) DRAINAGE DITCH AND POND WERE NOT LOCATED DUE TO SNOW.

5.) WELL IDENTIFICATIONS FOR MW 5 AND MW 5A WERE NOT LABELED.

REVISED: 1/16/03 ADDED MW 12&12a,SAMPLES WT 106&108 & SW/SD 105, WELL ELEVATION TABLE

SUPERFUND STANDBY CONTRACT AT SKW ALLOYS, SITE NO. 2 NIAGARA, N.Y.

New York State Department of Environmental Conservation

Prepared for: E.C. Jordan Co., 251 Commercial Street, Portland, Maine 04112

Prepared by: ON P. POPLI, P.E.,L.S.,P.C., 44 Saginaw Drive, Rochester, New York 14623, Tel. No. 716-442-6940

DATE 1/7/02 | SCALE 1"= 200' | SHEET 1

I. INTRODUCTION

The purpose of the survey described herein was to establish the necessary horizontal and vertical locations to provide a map of the site. The work described completes Tasks 3 and 4 of the scope of services for Task Order Memorandum C, Preliminary Site Assessment 6.

The work to satisfy Task Order Memorandum C was completed in November 1992 by Om P. Popli, P. E., L.S., P.C. by Mr. Kevin Ryan, Party Chief.

SCOPE OF SERVICES

TASK ORDER MEMORANDUM C

SURVEYING AND MAPPING FOR PRELIMINARY SITE ASSESSMENT NO. 6.1 14 SITES

The services to be provided under Task Order Memorandum C shall be performed in accordance with the terms and conditions of the Task Order Agreement between OM POPLI Associates Incorporated (POPLI) and E.C. Jordan Co. (JORDAN) dated May 5, 1991.

PROJECT SUMMARY

JORDAN under contract to the New York State Department of Environmental Conservation (NYSDEC) is performing Preliminary Site Assessments (PSA) of 14 suspected inactive hazardous waste sites in the State of New York. The purpose of the investigation is to confirm or deny the presence of hazardous waste disposal on-site and determine if a significant threat exists to public health and the environment. Task 1 activities include a data and records search and a site walkover. Task 2 involves the preparation of Work Plans for additional site investigations. Tasks 3 and 4 include initial environmental sampling and subsurface investigations, respectively.

Task 1 activities for the work assignment have been completed and JORDAN is developing the Task A Project Management Work Plan. As part of Tasks 3 and 4 the services of a licensed land surveyor are required to map each site, and locate sampling locations, and other key locations as identified by JORDAN.

SCOPE OF SERVICES

POPLI shall provide all necessary personnel, equipment, and materials to perform the following Scope of Services in accordance with the Standard Specification described in Attachment A and the Survey Services Rate Schedule provided as Attachment C.

POPLI will provide a map showing locations and elevations for each boring, monitoring well, sampling location, and other key points as determined by JORDAN for the following sites:

	SITE NAME	TOWN	COUNTY
1.	Tifft and Hopkins	Buffalo	Erie
2.	SKW Alloy	Niagara	Niagara
3.	Great Lakes Carbon	Niagara Falls	Niagara
4.	Guterl Specialty Steel Corp.	Lockport	Niagara
5.	GCL Tie & Treating	Sidney	Delaware
6.	Oughterson Site	Veteran	Chemung
7.	Dresser Industries	Depew	Erie
8.	Stocks Pond	Depew	Erie
9.	Central Auto Wrecking	Lackawanna	Erie
10.	Clinton-Bailey	Buffalo	Erie
11.	LSB Warehouse	Hamburg	Erie
12.	Sleepy Hollow Campground	Newstead	Erie
13.	Witmer Road Site	Niagara	Niagara
14.	Stauffer Chemical Co.	Lewiston	Niagara

The location map and site sketch for each site is given in Attachment B. For each site POPLI will provide all necessary personnel, equipment, and material to perform the following services in the described manner during the conduct of the survey work:

1. Prepare a map showing property and site boundaries, developed through the use of current tax maps. The name of current property owners are to be shown on the map. In addition the map shall contain north arrow, scale, a legend that shows designations (wells, borings, sample locations, etc.) and a title block containing the official site name and site number.

2. Locate and indicate specific features of the site, such as the location and extent of filled areas, buried tanks, waste piles, buildings, etc. as determined by JORDAN on the map.

3. Establish vertical control at all monitoring wells, borings, sample locations, and corners of buildings as determined by JORDAN and indicate on map.

4. Establish horizontal control at all monitoring wells, borings, sample locations, corners of buildings, and other points as determined by JORDAN and indicate on map.

5. Mobilize and demobilize all necessary survey equipment and personnel to complete the horizontal location and vertical elevation survey within the project schedule.

6. Establish appropriate horizontal and vertical control at the site (i.e., locating existing benchmarks, etc. Refer to the specification, Attachment A for appropriate control).

7. Provide a final bound report for each site summarizing coordinates of all surveyed locations, and ground elevations, together with any comments pertinent to each location. Sampling locations shall be referenced by their proper NYSDEC identification numbers. This report shall also contain photocopies of all field notes and calculations as an appendix. The report shall describe procedures, traverses, and closures, and will note any significant observations relative to the survey. The final report shall be complete and accurate and shall not contain any errors. Any errors or omissions by POPLI shall be corrected by POPLI at no cost to JORDAN within two weeks of notice of errors/omissions, so as not to jeopardize the overall project schedule. The final report shall be signed by a surveyor licensed in the State of New York.

8. Supply POPLI's personnel with all necessary equipment and clothing including, but not limited to, hardhats and safety glasses and other items in addition to those normally utilized by POPLI at a nonhazardous site.

9. Maintain good relations with NYSDEC, the local community, and associated agencies and land owners. POPLI field personnel employed on the project should be made thoroughly cognizant of the importance of this aspect of the work and its sensitivity to the entire program.

10. Provide all necessary measures for securing POPLI's equipment during the conduct of the work.

11. Conduct all field activities in an efficient and professional manner with minimum impact to the site environment. Tree and brush removal and other activities which impact the existing site environment shall not be undertaken without prior approval by JORDAN.

12. Provide social security numbers of all personnel working on PSA.

13. Attend a health and safety briefing during the Task 2 walkover.

14. Attend a site visit/information meeting with JORDAN and the NYSDEC prior to the start of the survey activities at each of the 14 sites. Include this as a separate bid item identified as Task 2.

The methods, procedures and techniques to be used by POPLI are the responsibility of POPLI, and shall be designed to meet the intent of the specifications in Attachment A, appended hereto and incorporated by this Task Order Memorandum. Should the technical specifications conflict in any manner with the scope of services, the provisions of the scope of services shall govern.

Specific requirements for each site are as follows:

1. Tifft & Hopkins:

- Task 2: Attend the site/information meeting with Jordan and NYSDEC prior to the start of the field activities.

- Task 3: Map the 2.6-acre site at 666 Tifft Street, Buffalo, New York. Indicate the location of main building and fuel pumps, site fence and access gate. Horizontal and vertical control to be established at the following points during Task 3:

  -- Main building (horizontal control)
  -- Four fence corners (4)
  -- Two fuel pumps (2)
  -- Four test pit locations
  -- Four spot elevations on-site to be determined by JORDAN Field Representative

  Summarize the results of Task 3 survey and present in report to Jordan.

- Task 4: Remobilize to the site and establish horizontal and vertical control at 3 monitoring wells. Include the ground surface elevation, top of protective casing and top of well PVC riser. Plot locations on the site map and submit summary report to Jordan.

2. SKW Alloys, Inc.:

- Task 2: Attend the site/information meeting with Jordan and NYSDEC prior to the start of the field activities.

- Task 3: Map the 62+ acre site located off Witmer Road in the Town of Niagara, New York indicating locations of the Guard House and storage buildings, approximate locations of the SKW and Airco landfills, intermittent drainage stream and pond, fence line, and the Niagara Mohawk Power lines. Horizontal and vertical control to be established at the following points during Task 3:

  – Fence line
  – Access road
  – Guard house
  – Storage buildings
  – SKW Allow Inc. landfill
  – Airco Properties, Inc. landfill
  – Exposed waste piles, 4 sample locations
  – Three surface soil locations

- -- Leachate collection station
- -- Surface water sampling locations, 1 in stream
  1 in pond
- -- Ten spot elevations on-site to be determined by JORDAN Field Representative.
- -- Six existing monitoring well locations

Summarize the results of the Task 3 survey and present in report to Jordan.

3. Great Lakes Carbon:

- Task 2: Attend the site/information meeting with Jordan and NYSDEC prior to the start of the field activities.

- Task 3: Map the 7-acre landfill located within Great Lakes Carbon Manufacturing facility at 6200 Niagara Falls Boulevard, Niagara Falls, Niagara County, New York, indicating location of Pikes Creek along western side of landfill, power lines along northern side of landfill, drum storage area east of landfill, storm drain south of landfill, scrap metal pile, scrap wood pile, transformers, and box trailers. Horizontal and vertical control to be established at the following points during Task 3:

  - Bridge over Pikes Creek near western entrance to landfill
  - Scrap metal pile
  - Scrap wood pile
  - Transformers
  - Drum storage area
  - Power line
  - Storm drain
  - Six soil sampling locations
  - Ten spot elevations on-site to be determined by JORDAN Field Representative

  Summarize the results of the Task 3 survey and present in a report to Jordan.

- Task 4: Remobilize to the site and establish horizontal and vertical control at 2 monitoring wells. Include the ground surface elevation, top of protective casing and top of well PVC riser. Plot locations on the site map and submit summary report to Jordan.

ATTACHMENT A

TECHNICAL SPECIFICATIONS FOR SURVEYING LOCATION AND ELEVATION OF SAMPLING LOCATIONS, MONITORING WELLS AND OTHER KEY POINTS

A. SCOPE

1. General - This specification defines the technical requirements for surveying and related items. It is not the intent of this specification to outline those technical requirements adequately covered by the referenced standards. POPLI shall furnish high quality work and materials meeting the requirements of this specification and industry standards.

2. Work to be Provided by POPLI - POPLI's work shall include furnishing supervision, labor, materials, and equipment necessary to accomplish the scope of work as specified herein. All coordinates should be reported and referenced from the horizontal control at the site established by POPLI.

3. Work to be Provided by JORDAN - JORDAN shall provide site access through NYSDEC and services specified in the Scope of Services.

B. CODES AND STANDARDS

Survey services furnished shall be in accordance with all applicable State of New York Codes and Standards.

C. MATERIALS

1. Benchmarks/Monuments - The benchmarks/monuments, if required, shall be installed with the tops flush with the ground surface. The monuments to be permanently affixed to the bases shall consist of 3-inch diameter brass plates, permanently etched with the following information:

   (a) The point on the plate of known coordinates and elevation.

   (b) The elevation of the benchmark and the datum to which it refers.

   (c) The coordinates of the monument and the coordinate system to which they refer.

   (d) The name of the Surveyor and the date of the benchmark/monument installation.

2. Stakes - The stakes used to locate temporary benchmarks and reference points, soil borings, and monitoring wells shall be composed of hardwood with a minimum nominal 1-by-1-inch cross-section. The stakes shall be at least 40 inches long. The top 6 inches of the stakes shall be painted fluorescent orange. A piece of colored

flagging shall be attached to the top of the stakes to facilitate identifying them in the field.

D. TECHNICAL REQUIREMENTS

1. Description of Services - POPLI shall provide all supervision, labor, materials, and equipment necessary to provide the surveying and related services described herein.

   (a) Establish the horizontal location (to the nearest 1.0 foot) and the vertical elevation (to the nearest 0.01 foot) for each monitoring well. For each well, three vertical elevations measurement shall be required: the top of the uncapped well riser, the top edge of the protective casing, and the ground surface next to the well.

   (b) Establish the horizontal location (to the nearest 1.0 foot) and the vertical elevation (to the nearest 0.01 foot) for locations stated by JORDAN or described in the scope of services.

   Horizontal positions shall be tied into the New York State Plan Coordinate System. Vertical elevations shall be tied to mean sea level as determined by the 1929 General Adjustment. Horizontal and vertical survey control lines on loops shall be at third order accuracy. POPLI is responsible for establishing the appropriate horizontal and vertical control at the site (i.e. locating existing benchmarks, etc.). If benchmarks for the New York State Plan Coordinate System are not within 1-mile of the site, POPLI may elect to establish the site control from a permanent structure on the site. Use of an alternate site control point shall be subject to prior approval by JORDAN.

2. Report - For each site a final report shall be provided. The final report shall be bound and shall contain the following items: (1) a title block with the name and address of POPLI; 2) a statement(s) attesting to the accuracy and completeness of the work in accordance with normally accepted practice for work of this type; and (3) the name, signature, and New York Land Survey or License number and seal of the person(s) responsible for the work.

   The report shall contain photocopies of all field notes and computations as an appendix. The report text shall describe procedures, traverses, and closures, and will note any significant observations relative to the survey.

ATTACHMENT B

FIGURES

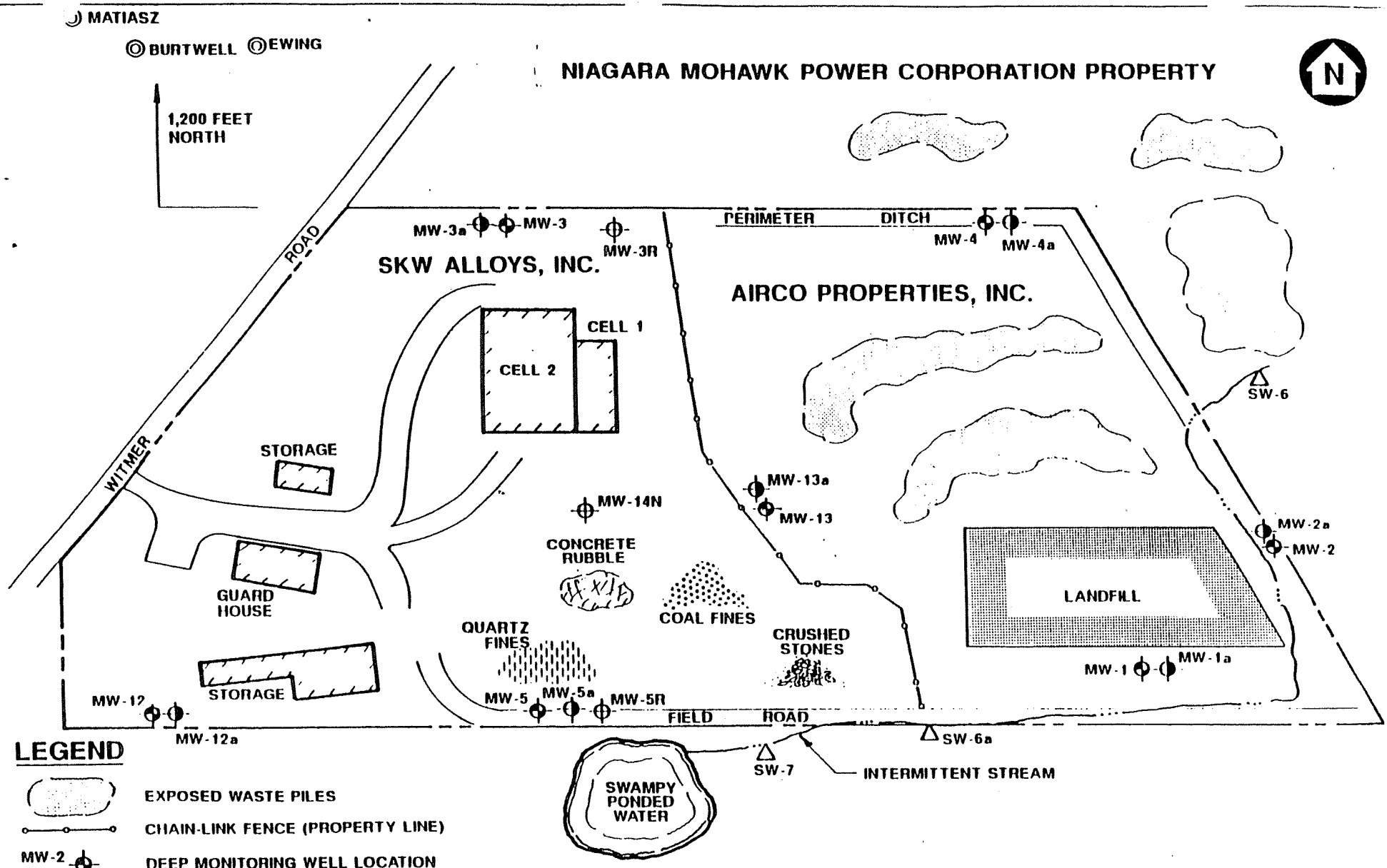
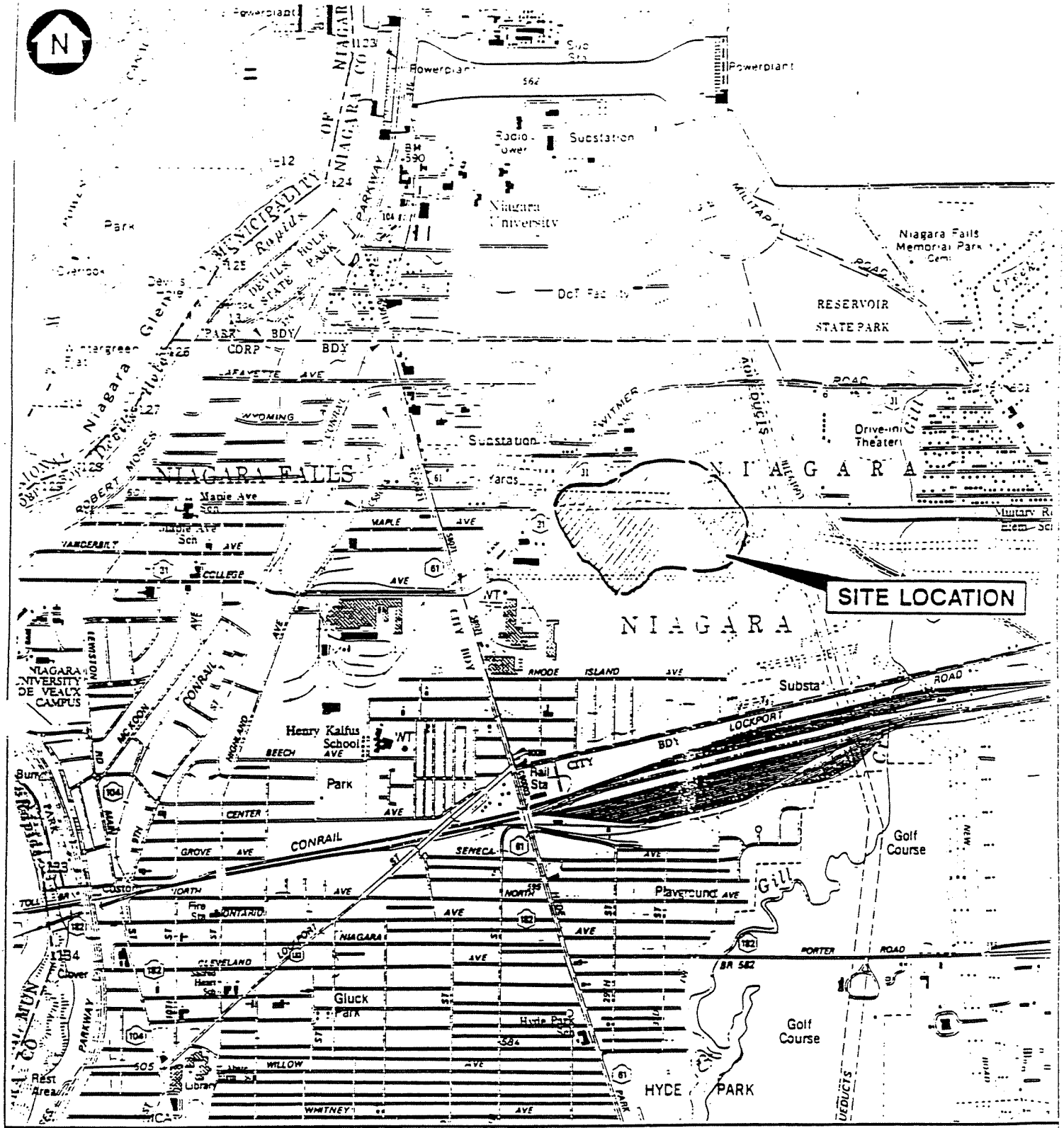


FIGURE 2
SITE SKETCH MAP
SKW ALLOYS, INC. SITE
PRELIMINARY SITE ASSESSMENT
NEW YORK STATE DEC

E.C.JORDAN CO.

6291-30



SOURCE: N.Y.S. DEPARTMENT OF TRANSPORTATION, NIAGARA FALLS AND LEWISTON QUADRANGLE DATED 1989 AND 1976, RESPECTIVELY, 7.5 MINUTE SERIES

QUADRANGLE LOCATION

SITE NO: 932001
LOCATION: CITY OF NIAGARA FALLS
NIAGARA COUNTY

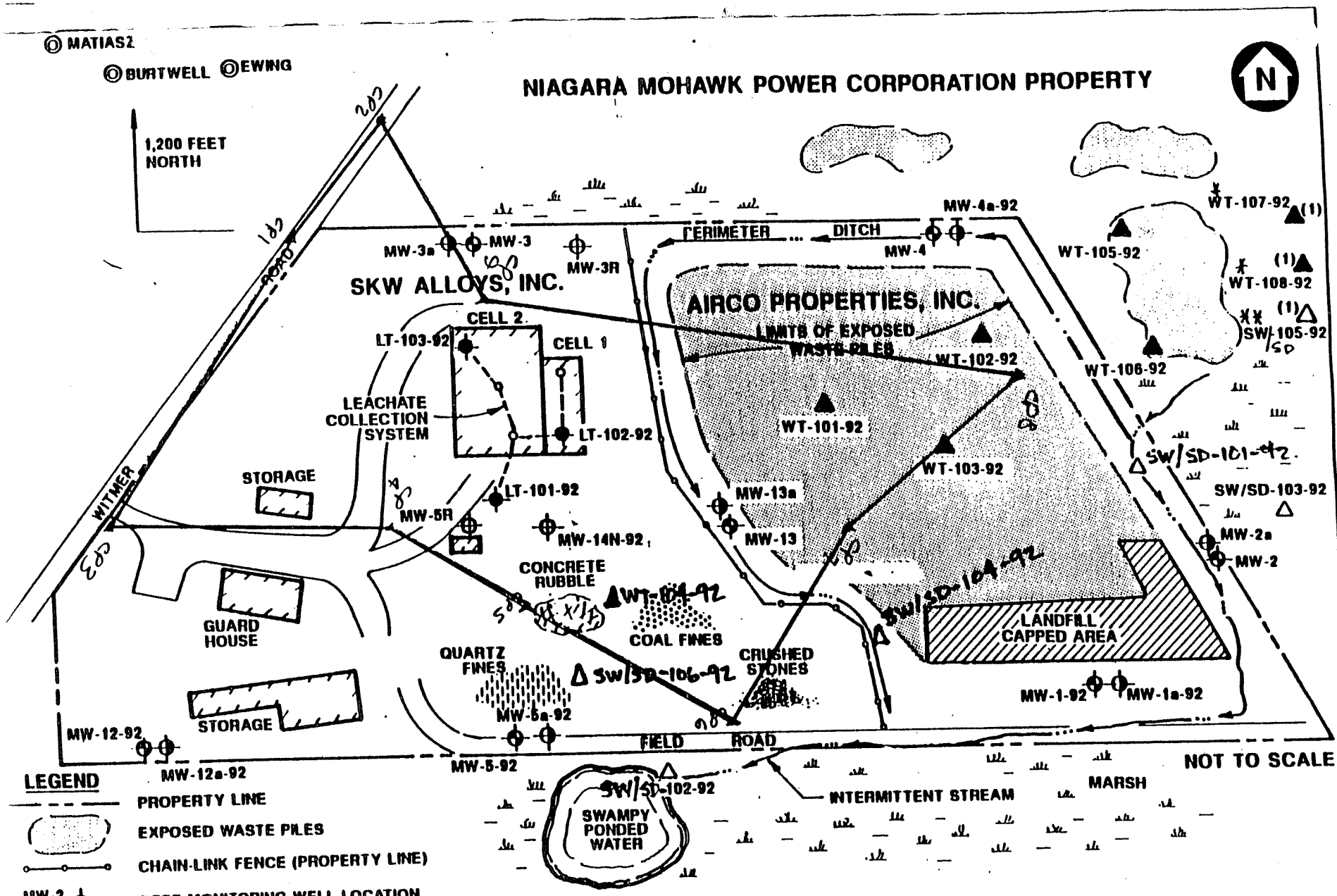
FIGURE 1
SITE LOCATION MAP
SKW ALLOYS, INC. SITE
PRELIMINARY SITE ASSESSMENT
NEW YORK STATE DEC

SCALE IN FEET

0 2000 4000

ECJORDAN CO.

6291-30



LEGEND

- PROPERTY LINE
- EXPOSED WASTE PILES
- CHAIN-LINK FENCE (PROPERTY LINE)
- MW-2 — DEEP MONITORING WELL LOCATION
- MW-2a — SHALLOW MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- SW-7 — SURFACE WATER SAMPLING SITE
- RESIDENTIAL WELLS 1,200 FEET NORTH
- LT — LEACHATE COLLECTION SAMPLE
- WT — WASTE PILE SAMPLE (COMPOSITE)

NOTE:

(1) SAMPLING LOCATIONS TO BE DETERMINED IN THE FIELD WITH NYSDEC GUIDANCE.

* WT-107 & WT-108-92 Located under second set of power lines.

** SW/SD-105-92 located to the north near culvert at rear of auto storage area.

FIGURE 4-1
EXPLORATION LOCATIONS
SKW ALLOYS, INC. SITE
PRELIMINARY SITE ASSESSMENT
NEW YORK STATE DEC

FC JORDANCO

HORIZONTAL CONTROL SUMMARY

HORIZONTAL CONTROL SUMMARY

III. HORIZONTAL CONTROL

Om P. Popli, P.E., L.S., P.C. established indiscriminate control near the mapping area suitable for starting and closing the control traverse. This monumentation is not tied to any triangulation net or the New York State Plane Coordinate System.

Station CP-1 coordinates were scaled from the USGS Quadrangle Lewiston to be N 1,138,950 E 380,150. The bearing of N40° E between CP-1 and CP-2 was scaled from the same USGS Quadrangle Lewiston. These two control points were used to start and close the control traverse.

All traverse distances and angles were measured with a Topcon GTS-2B total station which reads direct to six seconds of arc. All distances were measured twice, one measurement in feet, one measurement in meters, measured in both directions. All horizontal angles were observed four times; two (2) direct and two (2) inverted from two different plate settings. The average of the four angles was used as the final angle.

The traverse loop established from station CP-1, ran to the south and east through the project and closed back onto station CP-1 with a precision of 1:139,589. A Standard Compass Rule adjustment was then made.

All computations were completed utilizing Om P. Popli, P.E., L.S., P.C.'s Personal Computers and TDS PC Plus Surveying Software.

TRAVERSE DATA AND CLOSURE

JOB Name : SKW-CTRL

Final 12.15 92 (Compass Rule)

Point	Northing	Easting	Elevation	Description
1	1138950.0000	380150.0000	100.0000	CP-1(WITMER)
2	1139298.3811	380442.3261	100.0000	CP-2(WITMER)
3	1138506.5713	379849.1693	593.6850	CP-3
4	1138567.3104	380251.1054	600.4900	CP-4
5	1138316.3307	380682.4399	599.9380	CP-5
6	1138110.4685	381229.2290	595.1060	CP-6
7	1138469.6890	381932.9360	618.7780	CP-7
8	1138745.9489	382234.7877	629.7460	CP-8
9	1138898.4757	380806.5051	630.8770	CP-9
11	1138950.0000	380150.0000	100.0000	CP-1(CLOSE)

OM P. POPLI, P.E.
Consulting Engineers & Surveyors
44 Saginaw Drive
ROCHESTER, NEW YORK 14623
(716) 442-6940
FAX (716) 244-6008

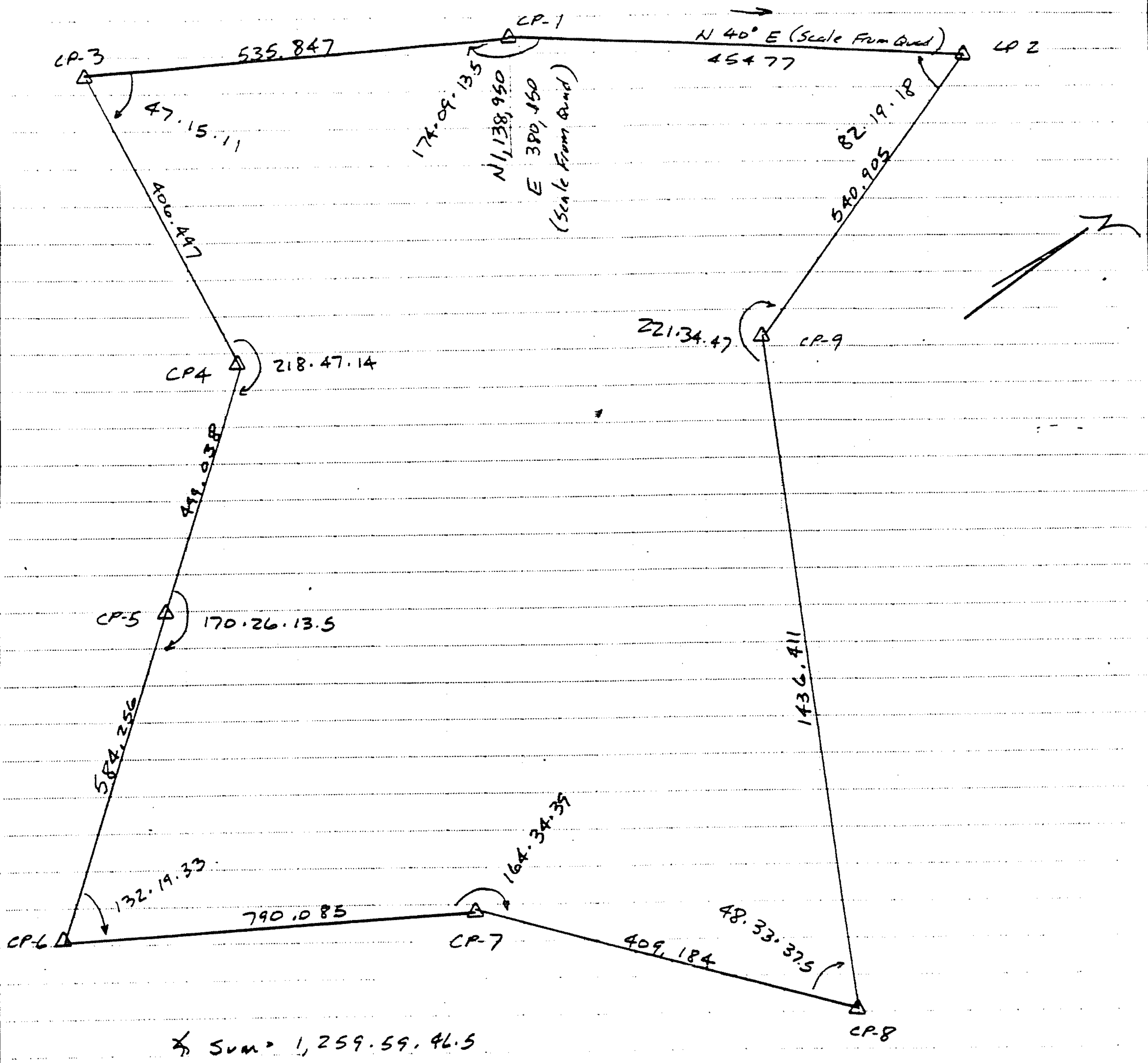
JOB SKW ALLOYS

SHEET NO. 1 OF

CALCULATED BY BAdl DATE 12.15.92

CHECKED BY DATE

SCALE



∡ Sum = 1,259.59.46.5

Theo. ∡ Sum = 1,260

∡ err = −0°00'13.5"

No ∡ Adj. Made

Raw closure = 1: 139,589

Compass Rule Adj.

Popli Consultants
44 Saginaw Drive
Rochester, N.Y. 14623
(716) 442-6940

P.I.N.:
File: \OPRO\SURVEY\SKW

Date: 16-Dec-92

SLOPE DISTANCE REDUCTIONS

Course	Zenith Angle					Slope		Horizontal Distance
	Deg	Min	Sec=	Degrees	Radians	(Meters)	(Feet)	(Feet)
1 - 3 Direct	90	58	12	90.970		163.350	535.924	
1 - 3 Reverse	269	1	48	269.030				
1 - 3 Average	90	58	12	90.970	1.588			535.8473
3 - 4 Direct	89	0	48	89.013		123.919	406.558	
3 - 4 Reverse	270	59	36	270.993				
3 - 4 Average	89	0	36	89.010	1.554			406.4969
4 - 5 Direct	90	2	54	90.048		152.107	499.038	
4 - 5 Reverse	269	57	12	269.953				
4 - 5 Average	90	2	51	90.048	1.572			499.0375
5 - 6 Direct	90	29	18	90.488		178.088	584.277	
5 - 6 Reverse	269	31	0	269.517				
5 - 6 Average	90	29	9	90.486	1.579			584.2560
6 - 7 Direct	88	16	54	88.282		240.927	790.441	
6 - 7 Reverse	271	43	18	271.722				
6 - 7 Average	88	16	48	88.280	1.541			790.0852
7 - 8 Direct	88	28	30	88.475		124.764	409.330	
7 - 8 Reverse	271	31	48	271.530				
7 - 8 Average	88	28	21	88.473	1.544			409.1844
8 - 9 Direct	89	57	42	89.962		437.819	1436.411	
8 - 9 Reverse	270	2	36	270.043				
8 - 9 Average	89	57	33	89.959	1.570			1436.4108
9 - 2 Direct	92	47	42	92.795		165.064	541.547	
9 - 2 Reverse	267	12	42	267.212				
9 - 2 Average	92	47	30	92.792	1.620			540.9048

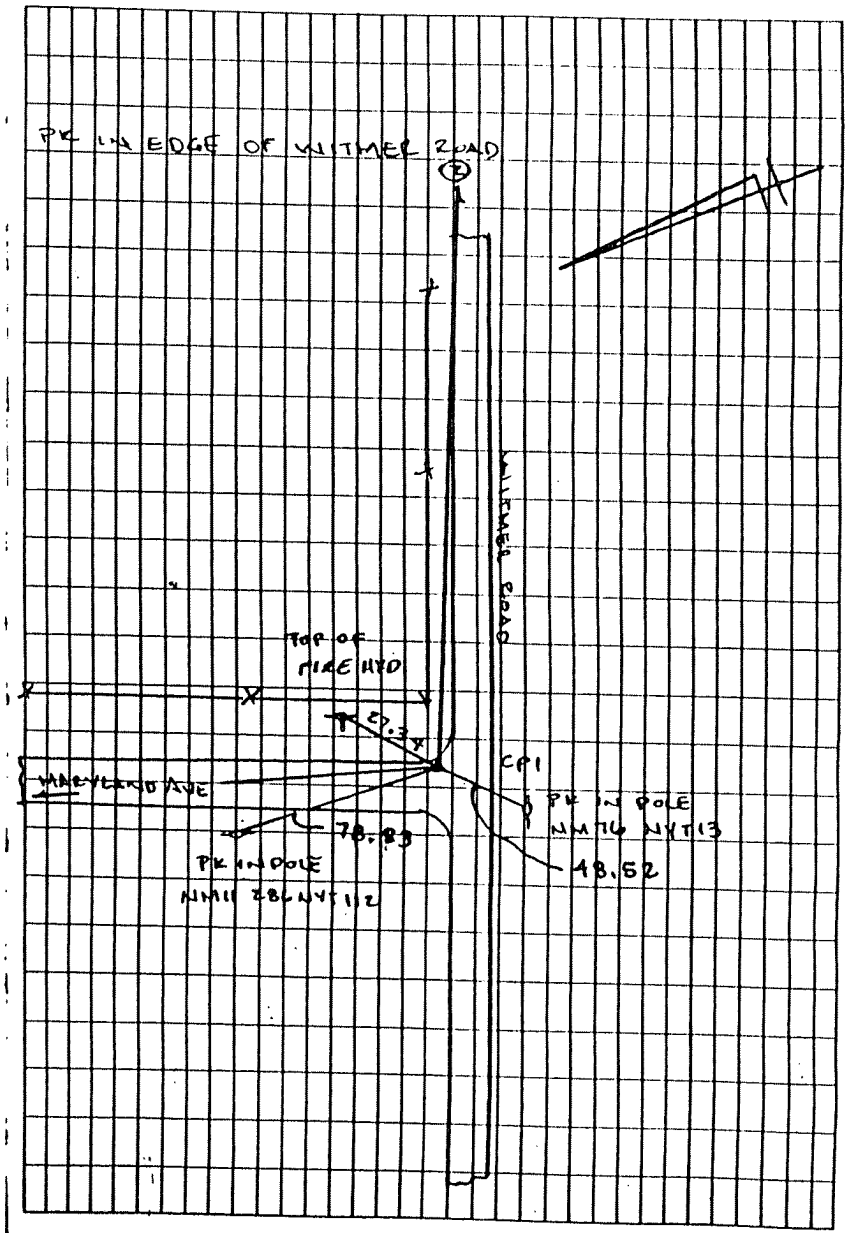
BASELINE TIF SHEETS

WITMER ROAD SITE

KR
KH

CLOUDY 350 (5)

11/30/92		CONTROL		
		T @ CP 6	BK. CP 5	
FS ①		77·58·24	257·58·21	
B.S.		00·00·00	179·59·57	
∠		77·58·24	77·58·24	
AVG ∠				
FS		167·58·27	347·58·24	
B.S.		90·00·00	269·59·57	
∠		77·58·27	77·58·27	
AVG ∠				
B.S. VERT			FT.	M
	D	88·16·12	464.495	141.578
	R	271·44·06		
	∠			
FS VERT			FT.	M.
	D	90·11·33	666.345	203.102
	R	269·49·00		
	∠			



WITMER ROAD SITE

KR
KH

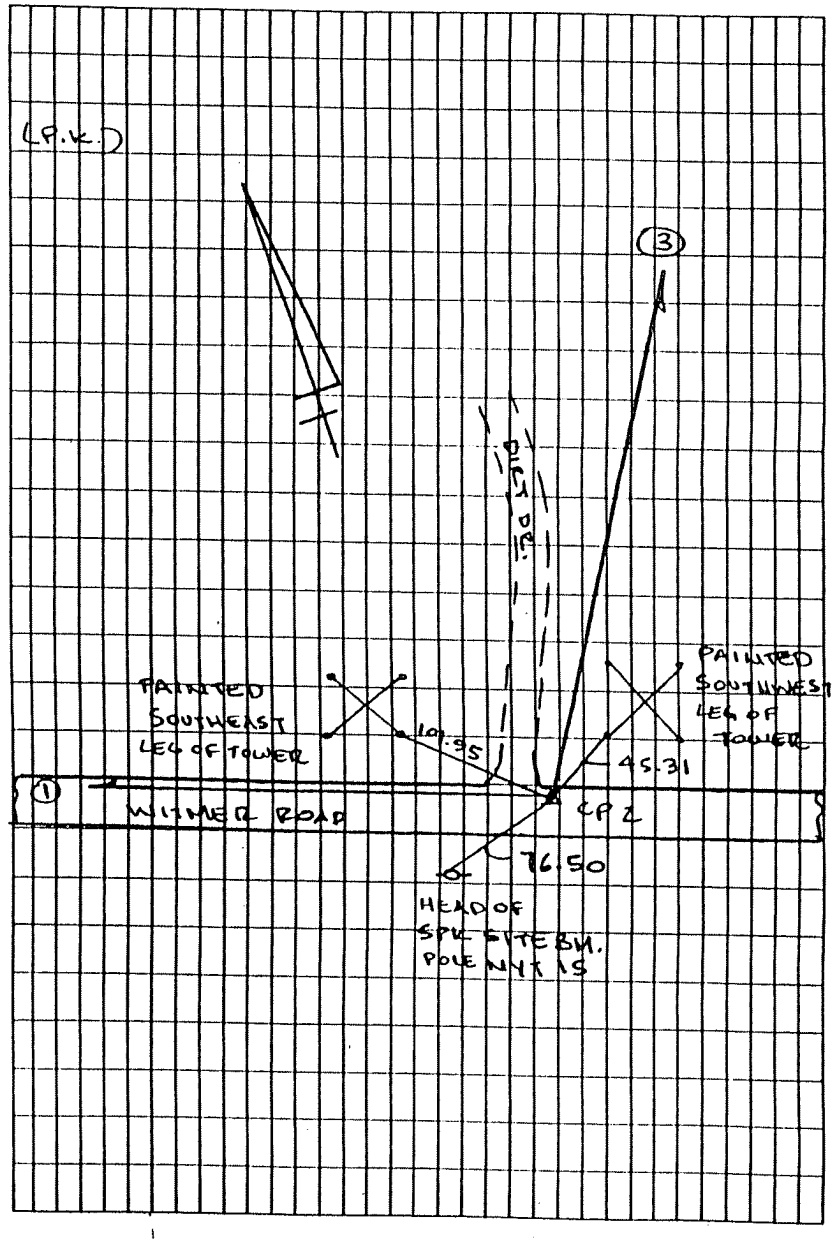
CLOUDY 35°

(6)

11/30/92

CONTROL

	∡ @ CP1	B.S. CP6	
F.S. (E)	133-23-36	313-23-33	
B.S.	00-00-00	179-59-57	
∡	133-23-36	133-23-36	
AVG ∡			133-23-345
F.S.	223-23-33	43-23-30	
B.S.	90-00-00	269-59-57	
∡	133-23-33	133-23-33	
AVG ∡			
B.S. VERT		FT.	M
D	89-49-06	666.345	203.102
Z	270-11-27		
∡			
FS VERT		FT.	M
D	89-49-18	154.775	138.616
Z	270-11-18		
∡			



VERTICAL CONTROL SUMMARY

VI VERTICAL CONTROL SUMMARY

All elevations herein are based upon a scaled elevation of 610', from the USGS Quadrangle Lewiston, where contour 610' crosses Witmer Road near the site.

The vertical control loop originated at the edge of pavement of Witmer Road at the 610' contour crossing, and looped through the site benchmark for the Witmer Road Site and closed back onto the same point with an error of -0.04'. No adjustment was made.

The on site vertical control loop for SKW Alloys, Inc. began at the site benchmark for the Witmer Road Site, and looped through the two site benchmarks and closed back onto the same point with an error of +0.05. This error was equally distributed throughout the loop.

Site benchmark 1 is a railroad spike in PP NM73 NYT10, on the eastside of Witmer Road near the site entrance. Elevation = 595.11'.

Site benchmark 2 is the northeast corner of the east headwall near the gate between the properties of SKW Alloys, Inc. and Airco Properties, Inc.
Elevation = 597.86'.

COORDINATE AND ELEVATION SUMMARY

JOB Name : SNW-TOPO

Point	Northing	Easting	Elevation	Description
1	5000.0000	5000.0000	100.0000	START
101	1138809.9341	380051.6657	599.8924	EP
102	1138693.0766	379957.5510	596.7608	EP
103	1138533.2825	379829.5875	593.1785	EP
104	1138381.8028	379707.8545	591.5144	EP
105	1138235.4959	379588.7022	590.7373	EP
106	1138219.2844	379606.4217	590.6924	EP
107	1138359.2678	379720.2451	591.6731	EP
108	1138509.9345	379842.1539	593.1200	EP/EDGE DR
109	1138514.2834	379856.6586	593.5311	EDGE DR
110	1138506.9636	379868.0004	593.5902	EDGE DR
111	1138494.0602	379873.6550	593.5834	EDGE DR
112	1138477.1883	379876.5710	593.6325	EDGE DR
113	1138471.9698	379914.2362	594.0161	EDGE DR
114	1138386.3247	379920.1461	594.7126	EDGE DR
115	1138385.1212	379947.3073	595.3453	EDGE DR
116	1138398.5401	379946.7601	595.3249	EDGE DR
117	1138399.2838	379934.6677	594.9649	EDGE DR
118	1138424.0657	379932.7863	594.7677	EDGE DR
119	1138425.2537	379945.3900	595.4080	EDGE DR
120	1138439.3597	379943.9904	605.5141	EDGE DR
121	1138439.2662	379933.2599	594.7129	EDGE DR
122	1138497.3137	379933.1355	594.0841	EDGE DR
123	1138502.9950	380033.1951	595.8422	EDGE DR
124	1138540.4788	380040.8812	595.3851	EDGE DR
125	1138536.0462	379966.8177	594.7097	EDGE DR
126	1138526.3116	379965.9017	594.7251	EDGE DR
127	1138526.4173	379961.3968	594.7697	EDGE DR
128	1138553.3912	379958.8397	594.9689	EDGE DR
129	1138552.7856	379905.5886	594.3277	EDGE DR
130	1138560.4497	379898.7680	594.2515	EDGE DR
131	1138577.4338	379896.7810	594.3372	EDGE DR/EP
132	1138689.6253	379985.9120	596.9140	EP
133	1138791.6984	380067.6389	599.5917	EP
134	1138753.4109	380053.0102	599.0230	PP NM75 NYT12
135	1138601.8032	379931.4051	595.1306	PP NM74 NYT11
136	1138510.8461	379857.4908	593.8460	PP NM73 NYT10 BM
137	1138419.0901	379783.2116	593.0088	PP NYT9 NM72
138	1138316.3825	379700.3457	591.7530	PP NYT8 NM71
139	1138237.0801	379636.6687	591.1085	PP NYT7 NM70
140	1138635.5147	379979.1899	597.1446	COR CLF
141	1138595.0892	379978.4222	596.7930	COR CLF
142	1138574.4662	379960.6175	595.9275	< CLF
143	1138527.2509	379963.0937	594.9603	GATE POST
144	1138506.7913	379963.7413	594.4982	GATE POST
145	1138499.3692	379964.0164	594.4605	END CLF@BLDG
146	1138382.0537	379947.5839	594.5685	BEG CLF
147	1138379.2633	379893.2371	593.5843	COR CLF
148	1138365.3326	379892.9170	592.5672	GATE POST
149	1138349.8208	379893.1364	593.0513	GATE POST
150	1138330.6261	379894.9340	596.2235	COR CLF
151	1138284.9244	379856.6770	596.5586	CLF
152	1138382.1185	379947.6660	594.5593	COR BLDG
153	1138452.0094	379944.2857	594.2495	COR BLDG
154	1138452.9834	379962.7576	594.3487	COR BLDG
155	1138462.8599	379962.3127	594.4176	COR BLDG
156	1138462.9868	379964.3097	594.4328	COR BLDG
157	1138485.7106	379963.6365	594.4850	COR BLDG
158	1138486.0056	379959.5226	594.3928	COR BLDG

159	1138499.1010	379958.3389	594.3455	COR BLDG
160	1138594.3861	379973.4900	596.7942	COR BLDG
161	1138537.7333	379981.4924	595.0342	COR BLDG
162	1138541.5810	380058.3045	595.6570	COR BLDG
163	1138392.0865	380151.2529	594.1372	COR BLDG
164	1138508.3948	380145.4635	595.6228	COR BLDG
165	1138598.4676	380055.2776	598.1351	COR BLDG
166	1138541.2591	380058.1232	595.7356	EDGE DR
167	1138525.9900	380090.1893	595.4378	CL 20'DR/CL 20DR
168	1138683.7359	380209.9081	600.4102	CL 20'DR SIDE
169	1138517.9325	380204.3235	596.3402	CL 20'DR MAIN
170	1138474.6583	380330.5031	596.8313	CL 20'DR @ CL
171	1138528.1718	380411.3916	598.8013	CL 18'DR
172	1138624.2479	380554.1375	608.0861	CL 18'DR
173	1138455.4126	380442.6317	596.9391	CL 20'DR
174	1138698.0313	380588.0126	601.0812	BOT.LANDFILL
175	1138861.7615	380587.4180	601.1872	BOT.LANDFILL
176	1139059.4553	380604.5556	605.4764	BOT.LANDFILL
177	1139110.2601	380368.9114	604.3613	COR CLF
178	1138568.6596	380178.6628	597.4808	POLE
179	1138521.5741	380299.8915	598.1017	POLE
180	1138409.8927	380395.8232	596.4904	POLE
181	1138329.0560	380396.9538	595.5291	POLE
182	1138232.6678	380403.4443	596.1780	COR BLDG
183	1138391.9640	380232.8915	595.8242	POLE
184	1138398.2832	380313.4563	597.3833	POLE
185	1138401.5491	380390.9684	597.3549	POLE
186	1138407.4690	380463.3998	595.4688	POLE
187	1138455.4803	380567.4832	596.4385	CL 20'DR
188	1138307.5044	380573.9179	596.6281	CL 20'DR
189	1138119.9848	380566.6127	594.5208	CL 20'DR
190	1138089.5822	380590.4040	593.9327	CL 20'DR
191	1138077.1804	380633.2177	593.4444	CL 20'DR
192	1138082.2137	380783.5237	593.4768	CL 20'DR
193	1138237.0303	380489.8335	596.1868	COR BLDG
194	1138213.2055	380490.9667	596.4933	COR BLDG
195	1138058.3494	380369.9808	594.8836	CLF POT
196	1138186.2279	380527.9090	595.8774	MW
197	1138195.2406	380531.1129	596.2076	MW
198	1138376.2036	380586.2948	595.4082	MW
199	1138407.3870	380535.3535	596.3622	POLE
200	1138410.4289	380621.7558	595.0513	POLE
201	1138410.9236	380624.0454	594.9801	COR BLDG
202	1138411.5534	380635.9012	594.4761	COR BLDG
203	1138403.0459	380636.4657	594.8908	COR BLDG
204	1138403.8343	380651.5024	595.0829	COR BLDG
205	1138431.8947	380650.0077	596.8267	COR BLDG
206	1138430.8303	380622.8698	596.4433	COR BLDG
207	1138426.9125	380721.7191	596.2971	LT 101-92
208	1138596.2666	380580.5900	598.5812	BOT.LANDFILL
209	1138593.6161	380668.2005	597.4365	BOT.LANDFILL
210	1138590.5221	380851.1914	599.1642	BOT.LANDFILL
211	1138588.4047	380896.1590	609.6440	CL 18'DIRT DR
212	1138540.5671	380851.3443	601.7641	CL 18'DIRT DR
213	1138496.2527	380771.5269	597.6539	CL 18'DIRT DR
214	1138477.1532	380643.9939	596.7684	CL 18'DIRT DR
215	1138476.2935	380833.9489	597.1215	DEBRIS PILE
216	1138554.5758	380892.5202	603.3571	DEBRIS PILE
217	1138612.0934	380979.2397	602.0649	DEBRIS PILE
218	1138605.4210	381080.9517	598.2568	DEBRIS PILE
219	1138542.3922	381075.2071	598.2084	DEBRIS PILE
220	1138505.0277	381002.4892	597.7310	DEBRIS PILE
221	1138450.0154	380986.6495	596.8368	DEBRIS PILE

222	1138447.5169	380852.8519	596.6450	DEBRIS PILE
223	1138307.9145	380971.6385	596.3819	MW
224	1138090.6204	380896.0209	593.6333	CL 20'DR
225	1138093.2779	381068.6085	593.7002	CL 20'DR
226	1138103.4903	381315.6243	595.3100	CL 20'DR
227	1138111.4976	381698.3419	596.9093	CL 20'DR
228	1138089.9520	381708.5180	591.8960	CLF INT.
229	1138110.5843	381707.0197	597.5203	GATE POST
230	1138129.0560	381706.4413	596.9077	GATE POST
231	1138269.6910	381703.1088	597.0181	CLF
232	1138383.0295	381700.4528	600.0251	CLF
233	1138421.6000	381598.5932	598.7465	CLF
234	1138436.7788	381526.0040	598.4723	CLF
235	1138440.0709	381418.3338	596.9359	CLF
236	1138584.8724	381297.2208	597.4039	CLF
237	1138704.0481	381234.7487	601.8792	CLF
238	1139137.4828	381221.7204	608.1273	CLF INT
239	1138548.7506	381327.5805	598.5153	MW 13
240	1138552.6510	381325.9324	599.0450	MW 13A
241	1138286.8678	381156.8923	598.6895	WT 104
242	1138139.7509	381162.4251	594.3763	SD/SW 106
243	1138076.7701	381071.7793	593.3376	SD/SW 102
244	1138959.7408	380787.9442	628.0256	LT 103-92
245	1138713.5128	380978.5521	628.0976	LT 102-92
246	1138869.0703	381173.1580	603.1506	BOT.LANDFILL
247	1138954.0139	381179.9154	604.6113	BOT.LANDFILL
248	1138957.3183	381092.1165	606.7103	BOT.LANDFILL
249	1138963.6157	381011.3182	606.9644	BOT.LANDFILL
250	1139087.3001	380991.4174	605.5186	BOT.LANDFILL
251	1139087.4656	380831.7842	605.0880	BOT.LANDFILL
252	1139070.3365	380603.3052	604.8386	BOT.LANDFILL
253	1139108.7285	380565.7448	604.8212	MW
254	1139111.2945	380555.9151	604.8979	MW
255	1139116.6968	381091.3107	606.7138	MW
256	1138962.0483	380786.2759	627.9360	LEACHATE COLLECT
257	1138871.8686	380983.7904	628.6070	LEACHATE COLLECT
258	1138874.8714	381074.5818	628.6187	LEACHATE COLLECT
259	1138712.3827	380981.4704	627.9453	LEACHATE COLLECT
260	1138738.9594	380869.1572	627.7602	LEACHATE COLLECT
261	1138863.0818	380821.3178	631.9815	LEACHATE COLLECT
262	1139013.6285	380664.3300	623.2385	TOP EDGE LANDFLL
263	1139030.2592	380943.0596	622.0141	TOP EDGE LANDFLL
264	1138919.1341	380953.0695	622.2295	TOP EDGE LANDFLL
265	1138891.6542	381100.6259	624.4784	TOP EDGE LANDFLL
266	1138698.3810	381087.5257	626.6135	TOP EDGE LANDFLL
267	1138680.5702	380937.2879	622.6031	TOP EDGE LANDFLL
268	1138658.7637	380652.8276	620.9728	TOP EDGE LANDFLL
269	1138111.7601	381713.8069	597.8767	SITE BM 2
270	1138119.8272	381718.6757	597.0827	CL 20'DR
271	1138135.1915	381754.2513	596.1428	CL 20'DR
272	1138175.3661	381778.2455	597.6038	CL 20'DR
273	1138254.8941	381810.9954	606.5280	CL 20'DR
274	1138315.5278	381708.3597	597.4060	SD/SW 104
275	1138412.8840	381726.7926	601.0341	BOT.LANDFILL
276	1138483.2893	381540.3096	602.4247	BOT.LANDFILL
277	1138518.7112	381428.0297	602.6506	BOT.LANDFILL
278	1138731.4631	381276.7570	602.8298	BOT.LANDFILL
279	1138521.6954	381947.0160	617.8603	WT 103
280	1138207.3227	381759.1222	597.4953	BOT.LANDFILL
281	1138126.0404	381861.5891	597.1674	BOT.LANDFILL
282	1138127.6986	382060.6498	597.9253	BOT.LANDFILL
283	1138137.0200	382204.2166	600.1939	MW 1
284	1138136.5887	382211.9233	599.3911	MW 1A

285	1138695.3812	381712.5152	623.7021	WT 101
286	1139008.2369	381714.2047	605.5471	BOT.LANDFILL
287	1139091.6905	381515.2991	609.6058	BOT.LANDFILL
288	1139103.3906	381696.9679	610.0507	BOT.LANDFILL
289	1139149.8873	381832.2296	609.4485	MW 4
290	1139152.4983	381821.9652	609.0806	MW 4A
291	1139099.8726	381975.0557	611.1115	BOT.LANDFILL
292	1139070.2937	382052.7842	612.4884	BOT.LANDFILL
293	1138862.2976	382201.6626	615.9285	BOT.LANDFILL
294	1138592.3870	382407.8720	605.1114	BOT.LANDFILL
295	1138512.0767	382486.8486	601.1606	SD/SW 101
296	1138412.6544	382563.2536	602.3013	MW 2
297	1138407.7363	382570.0453	601.9293	MW 2A
298	1138261.0920	382606.1410	599.7777	BOT.LANDFILL
299	1138182.9932	382610.9229	599.5362	BOT.LANDFILL
300	1138114.0641	382766.2300	598.5227	COR CLF
301	1138166.0536	382807.3135	598.1341	SD/SW 103
302	1139013.1253	382247.0590	606.3791	WT 105
303	1139213.9926	382073.6400	602.2972	COR CLF
304	1139272.6855	382811.8008	615.0496	WT 107
305	1138748.3795	382101.0740	620.4360	WT 102

FIELD NOTES

12/8/92

CONTROL

	@ CP1	BS. CP2
FS. (3)	174 09 12	354 09 12
BS	00 00 00	180 00 00
★	174 09 12	174 09 12
Avg ★		
FS	264 09 15	84 09 15
BS	90 00 00	270 00 00
★	174 09 15	174 09 15
Avg ★	174 09 13.5	

B'S VERT		FT	M
D	89 48 00	454 770	138.611
R	270 12 00		
★			

FS VERT		FT	M
D	[illegible] CP 12	535 925	163 350
R	269 01 48		
★			

KH

SHEET 30 (21)

NOTE: CP 1 & CP 2 FROM WITMER ROAD SITE THIS BOOK PAGES 1 - 6.

(HCH) NEAR EXIT SIDE.

FB XI 83

SKW ALLOYS

.KR
, KH

SNOW 300

12/8/92		CONTROL		
	⊼ @ CP 3 B.S. CP 1			
F.S. (4)	47-15-12		227-15-09	
B.S.	00-00-00		180-00-00	
∢	47-15-12		47-15-09	
AVG ∢				
F.S.	137-15-12		317-15-12	
B.S.	90-00-00		270-00-00	
∢	47-15-12		47-15-12	
AVG ∢	47-15-11.			
B.S. VERT			FT	M
D	89-02-37		535.910	163.346
R	270-57-24			
∢				
F.S VERT			FT	M
D	89-00-48		406.560	123.919
R	270-59-36			
∢				

(HA-)

SKW ALLOYS

KR
KH

SNOW 300 (23)

12/8/92		CONTROL			
		∠ @ CP4	B.S. CP3		
FS. ⑤	218-47-15		38-47-15		
B.S.	00-00-00		180-00-00		
∠	218-47-15		218-47-15		
AVG ∠					
FS.	308-47-15		128-47-09		
B.S.	90-00-00		269-59-57		
∠	218-47-15		218-47-12		
AVG ∠					
		218.47.14			
B.S. VERT			FT	M	
D	91-01-48		406.540	123.914	
R	268 58-39				
∠					
FS VERT			FT.	M	
D	90-02-54		499.040	152.107	
R	269 57-12				
∠					

(QUAT)

SKW ALLOYS

KR
KH

SNOW 30°

(24)

6/8/92		CONTROL		
		∧ @ CP 5	B.S. CP 4	
FS. (6)		170-26-15	350-26-12	
B.S.		00-00-00	179-59-57	
∢		170-26-15	170-26-15	
AVG ∢				
F.S		260-26-12	80-26-09	
B.S.		90-00-00	269-59-57	
∢		170-26-12	170-26-12	
AVG ∢				
		170.26.13.5		
B.S. VERT			FT.	M
D	89-57-24		499.030	152.104
E	270-02-54			
∢				
F.S VERT			FT.	M
D	90-29-18		584.275	178.088
E	269-31-00			
∢				

(WHAT)

SKW ALLOYS

12/8/92 CONTROL

	⊼ @ CP6	B.S. CP 5
F.S. ①	132-19-33	312-19-33
B.S.	00-00-00	180-00-00
∡	132-19-33	132-19-33
AVG ∡		
F.S.	222-19-33	42-19-30
B.S.	90-00-00	269-59-57
∡	132-19-33	132-19-33
AVG ∡		
	132.19.33	

		FT	M
B.S. VERT			
D	89-32-03	584.265	178.084
R	270-28-06		
∡			
F.S. VERT		FT	M
D	88-16-54	790.440	240.927
R	271-43-18		
∡			

KR
KH

(H&T)

SNOW 30° (25)

SKW ALLOYS

SNOW 300 (26)

KR
KH

12/8/92		CONTROL		
	T @ CP 7	BS. CP 6		
FS. (8)	164-34-39	344-34-36		
B.S.	00-00-00	179-59-57		
↓	164-34-39	164-34-39		
AVG ↓				
FS	254-34-39	74-34-36		
B.S.	90-00-00	269-59-57		
↓	164-34-39	164-34-39		
AVG ↓				
		164 34 39		
B.S. VERT		FT	M	
D	91-44-18	790.440	240.926	
R	268-16-00			
↓				
FS VERT		FT	M	
D	88 28 30	409.330	124.764	
R	271-31-48			
↓				

(1 & T)

SKW ALLOYS

KR
KH

SNOW 30° (27)

12/8/92 CONTROL

		T @ CP 8	BS CP 7	
FS @	48-33-36		228-33-36	
B.S.	00-00-00		180-00-00	
±	48-33-36		48-33-36	
AVG ±				
FS.	138-33-39		318-33-39	
B.S.	90-00-00		270-00-00	
±	48-33-39		48-33-39	
AVG ±				
		48 33 37.5		
BS VERT			FT.	M
D	91-30-54		409.325	124.763
R	268-29-24			
±				
FS VERT			FT	M
D	89 57 42		1436.410	437.819
R	270-02-36			
±				

(WET) TOP OF LANDFILL

SKW ALLOYS

KR
KH

SNOW 30° (28)

12/8/92		CONTROL		
		⊼ @ CP 9	BS. CP 8	
FS. ②		221-34-48	41-34-48	
BS.		00-00-00	180-00-00	
⊼		221-34-48	221-34-48	
AVG ⊼				
F.S.		311-34-48	131-34-45	
B.S.		90-00-00	270-00-00	
⊼		221-34-48	221-34-45	
AVG ⊼				
		221-34-47		
B.S VERT			FT.	M
D		90-03-06	1436.420	437.821
R		269-57-00		
⊼				
F.S VERT			FT.	M
D		92-47-42	541.545	165.064
R		267-12-42		
⊼				

(P.K.)

SKW ALLOYS

KR
KH

SNOW 30°

(29)

12/8/92

CONTROL

	⊼ @ CP 2 B.S CP 9			
F.S. ①	82-19-18	262-19-18		
B.S.	00-00-00	180-00-00		
∡	82-19-18	82-19-18		
AVG ∡				
F.S.	172-19-18	352-19-18		
B.S.	90-00-00	270-00-00		
∡	82-19-18	82-19-18		
AVG ∡				
	82 19 18			
B.S. VERT		FT.	M	
D	87-14-12	541.535	165.060	
R	272-46-12			
∡				
F.S. VERT		FT.	M	
D	90-12-18	454.765	138.613	
R	269-47-54			
∡				

(P.K.)

SKW ALLOYS

12/9/92 — LEVELS

				606.02 ✓
2.60	608.62			
		7.05	601.57	
1.47	603.04			
		9.35	593.69	593.685
5.67	599.36			
		4.24	595.12	595.113
5.81	600.93			
		0.43	600.50	600.490
4.50	605.00			
		5.05	599.85	599.938
1.86	601.81			
		6.69	595.12	595.106
6.22	601.34			
		4.50	596.84	
15.85	612.69			
		1.20	611.49	
10.17	621.66			
		2.86	618.80	618.778
12.31	631.11			
		1.34	629.77	629.746
1.17	630.94			
		12.13	618.81	—
2.83	621.64			

KLR
KH

CLOUDY 32° (30)

SITE BM FOR WITHER ROAD SITE (PG 1 BK 83)

TP

CP 3

SITE BM I.R. SPIKE IN POLE NO 3

CP 4

CP 5

CP 6

TP

TP

CP 7

CP 8

CP 9

SKW ALLOYS

12/9/82		LEVELS			
		621.64			
			10.13	611.51	
	1.07	612.58			
			14.69	597.89	597.869
	3.30	601.19			
			6.06	595.13	—
	6.40	601.53			
			1.57	599.96	—
	8.40	608.36			
			0.88	607.48	
	16.54	624.02 ~~625.02~~			
			0.21	623.81	
	10.50	634.31			
			3.39	630.92 ~~628.82~~	630.877
	0.35	631.27			
			13.57	617.70	
	0.72	618.42			
			14.04	604.38	
	4.60	608.98			
			2.91	606.07	606.02 ✓
				+0.05 ✓	
				✓B/M	
				21 turns	
				ADJ =	−0.00238

KR
KH

CLOUDY 30°

(31)

TP

SITE B.M. N.E. COR. OF EAST HEAD NEAR GATE BETWEEN SKW & AIRCO PROPERTIES.

CP 6

CP 5

TP

TP

CP 9

TP

TP

SITE B.M. (CP 7 BK 83)

SKW ALLOYS

12/10/92 LOCATIONS

KR
KH

SNOW 30°

HI = 5.20 ∧ @ CP3 B.S. CP4 w/00-00-00

	Horiz ∠	Vert ∠	SD	Rod	Desc.
	00 00.00	88 58.12	406.59	5.72	CP 4
	312.19.00	88.56.36	364.80	↓	ED. RD.
	308.45.18	89.02.42	215.74		" "
	242.20.54	89.58.36	33.12		" "
	141.09.06	90.30.06	188.52		" "
	142.27.00	90.22.12	375.94		" "
					BREAK
	138.47.24	90.22.36	376.12	5.72	ED RD.
	139.47.12	90.26.12	195.76	↓	" "
	214.12.24	90.19.54	7.78		" " @ ED BT DR.
	322.44.06	88 03.00	10.76		ED. DR.
	07.24.00	88.42.24	18.84		" "
	35.39.30	89 07.42	21.50		" "
	55 35 30	89 20.00	40.18		" "
	36.35.48	89 20.18	73.70		" "
	68.01 30	89 21.54	139.64		" "
	59 30 12	89.12 00	156.16		" "
	76 30.00	89 09.00	145.60		" "
	60 02 30	89.14.54	137.20		" "
	53.12.36	89.13.06	117.48		" "
	18.41.42	88 58.98	126 00		" "
120	43.55 26	89.56 06	116.88	↓	" "

SKW ALLOYS

12/10/92 LOCATIONS

KR
KM

SNOW 30° (33)

HI = 5.20 ⊼ @ CP3 B.S. CP4 W/00-00-00

	HORIZ ∠	VERT ∠	SD	ROD	DESC.
121	47.16.00	89.10.36	107.72	5.72	ED BIT OL
	14.53 06	89 22.36	84.48	↓	" " "
	09.42.24	89 10.00	189.08	↓	" " "
					"BREAK
	358.33.48	89.20.48	124.10	5.72	ED BIT OL
	354.31.42	87.43.36	121.38	8.99	" " "
	358.59.42	89 14.42	118.40	5.72	" " "
	358.33.54	89.11.36	113.98	↓	" " "
	345.28 30	89 08.00	119.26	↓	" " "
	329.16.18	89.5.12	72.94	↓	" " "
	321.13.30	89 09.00	73.24	↓	" " "
	312.29 24	89.12 48	85 38	↓	" " " @ ED. RD.
	315 21.12	89 03 36	228.52	↓	ED. RD.
	[illegible].23.12	88 58 50	359.26	↓	" "
	318.08.36	88.[illegible]	320 18	↓	POLE NM 75 NYT 12
	319.24.18	89 06.18	125 84	↓	POLE NM 74 NYT 11
	341.24.12	85.50.12	9.38	↓	POLE NM 73 NYT 10 (SITE BM)
	135 36 30	90.01 54	109.56	↓	POLE NYT 9 NM 72
	136 38 12	90.20 06	241.50	↓	POLE NYT 8 NM 71
139	136 51 00	90.20 36	243 20	↓	POLE NYT 1 NM 70

SKW ALLOYS

12/10/02 — LOCATIONS

T @ CP 3 B.S. CP 4 W/00-00-00

HI=5.20	HORIZ ∠	VERT ∠	SD	ROD
14L	323-49-54	88-45-18	183.16	5.72
	334-11-18	88-40-24	156.70	5.77
	337-14-36	87-21-12	130.64	8.99
	358-18-18	89-06-42	115.80	5.72
	08-29-30	89-20-00	114.58	
	12-10-54	89-21-18	115.08	
	60-16-18	89-29-36	158.72	
	79-30-00	89-49-18	134.72	
	81-23-00	90-13-54	141.86	
	82-55-30	90-02-24	162.80	
	84-00-48	89-53-36	181.80	3.00
	96-39-12	89-[illegible]	221.80	5.72
	[illegible]	89-29-48	158.72	
	38-26-00	89-26-30	100.66	
	23-51-30	89-21-36	125.60	
	29-43-30	89-24-30	121.30	
	29-19-36	89-24-36	121.12	
	[illegible]	89-21-00	111.36	
	[illegible]	89-22-24	111.26	
(5)	[illegible]	[illegible]	100.98	

KR
KH

SNOW 3.0" (34)

DESC.
COR. C.L.F.
COR. C.L.F.
ANGLE C.L.F.
GATE POST.
" "
END C.L.F. @ B.OG.
BEG C.L.F.
COR C.L.F.
GATE POST.
" "
COR. C.L.F.
C.L.F. POST
COR. [illegible]
" "
" "
" "
" "
" "
" "
" "

SKW ALLOYS

SNOW 30° (35)

KE
KH

12/10/92 LOCATIONS

HI=5.20	⊼ @ CP3	B.S. CP4 W/00-00-00			
	HORIZ ∠	VERT ∠	SD	ROD	DESC.
160	334.24.54	88.40.12	156.36	5.72	COR. BLDG.
	355.20.30	81.50.26	136.04	8.99	" "
162	359.05.24	89.19.36	212.06	5.72	" "
HI=5.26	⊼ @ CP4	B.S. CP5 W/00-00			
	HORIZ ∠	VERT ∠	SD	ROD	DESC.
—	00.00.00	90-01-00	499.00	5.78	CP5
163	89.29.00	87.11.36	201.92	21.50	COR. BLDG.
	120.39.30	92.05.12	121.04	5.72	COR. BLDG.
					BREAK
	158.50.48	90.32.51	198.30	5.72	COR. BLDG.
	142.07.06	91.15.48	149.78		ED. DR.
	135.24.18	91.35.20	166.20 ~~154.96~~		¢ 20' DR @ ¢ 20' DR.
	210.19.12	89.49.25	173.50		¢ 20' DR (SIDE)
	103.15.36	93.06.18	68.12		¢ 20' DR (MAIN)
	19.12.42	91.30.06	122.06		" " " @ ¢
	343.31.42	90.25.34	165.00		¢ 8' DR
	310.09.54	88.30.12	308.44		¢ 18' DR.
					BREAK
177	00.06.06	90.41.54	221.84		¢ 20 DR.

SKW ALLOYS

12/10/92 — LOCATIONS

HT = 5.26 — T @ CP4 — B.S. CP5 W/00-00-00

	HORIZ ∠	VERT ∠	SD	ROD
174	308 36 00	89 50 00	361.38	5.72
	288 36 12	89 51 06	441.00	
	275 29 30	89 29 06	605.94	
	252 02 54	89 33 12	555.00	
	150 52 24	92 00 54	72.50	
	12 51 30	91 39 06	66 90	
	17 12 48	90 56 54	213.86	
	28 20 00	89 32 12	279.36	12.48
	35 19 48	88 34 18	367.80	18.74
	65 14 12	91 22 00	176.34	5.72
	39 38 30	90 50 30	180.18	
	19 39 00	90 12 24	216.70	
186	06 47 00	90 59 00	265.78	

SNOW 30° (36)

KR
KH

DESC.
BOTTOM CONDITION (SKW)
" "
" "
Col. C.C.F.
POLE
POLE
POLE
POLE
Con-Blk.
POLE
POLE
POLE
POLE

SKW ALLOYS

12/11/92 — LOCATIONS

KR
KH

SNOW 32° (31)

HI = 5.35 — ⊼ @ CP5 — BS. CP 4 W/00-00-00

	HORIZ ∢	VERT ∢	SD	ROD		DESC.
	00.00.00	89.53.48	408.96	5.72		CP4
187	20.14.42	90.59.36	180.52	↓		@ 20' DC
	325.09.24	91.32.48	108.92	↓		" " "
	210.20.36	91.16.06	228.02	↓		" " "
	261.53.54	91.19.09	244.78	↓		" " "
	251.26.12	91.26.12	244.24	↓		" " "
	216.27.12	91.22.06	255.08	↓		" " "
	307.25.42	90.55.48	208.32	↓		COR. BLDG.
	301.30.00	90.48.36	217.50	↓		" "
	290.15.42	90.12.00	405.20	8.99		C.L.F. POT
	289.42.42	91.02.48	202.04	5.72		MW
	291.08.24	90.59.36	193.84	↓		MW
	01.43.06	92.[illegible].12	113.34	↓		MW
	01.34.00	[illegible]	173.02	↓		POLE
	26.59.18	92.18.36	112.06	↓		POLE
	22.01.00	92.21.48	111.26	↓		COR. BLDG.
	33.45.36	89.05.54	106.00	12.48		" "
	31.52.30	92.13.42	98.26	5.72		" "
	[illegible].06	92.16.00	92.92	↓		" "
	41.07.12	91.18.30	120.06	↓		" "
206	32.19.12	88.12.12	129.12	12.48		" "

SKW ALLOYS

SOKKIA 35.0 (38)

KR
KH

12/14/92

LOCATIONS

HZ=5.38 ⊼ @CP5 BS CP4 W/00 00-0

	HORIZ ∡	VERT ∡	SD	ROD	DESC
	00-00-00	89-32-00	499.17	8.89	CPA
207 ~~350~~	79-21-42	91-39-36	117.40	5.62	LT 10.1-92
	39-48-18	86-27-12	298.46	25.20	BOTTOM OF LANDFILL (FILL)
	56-52-00	90-28-00	277.66	5.62	" " "
	91-25-00	90-05-42	321.96	↓	" " "
	97-51-24	88-21-12	346.12	↓	℄ 18 PKT DR
	96-47-42	89-34-42	280.74	↓	℄ 18 " "
	86-08-54	90-35-00	200.78	↓	℄ 18 " "
	46-21-42	91-00-54	165.38	↓	℄ 18 " "
	107-15-06	90-40-12	220.24	↓	DEBRIS PILE
	101-12-42	89-20-24	317.66	↓	" "
	104-54-24	87-00-06	419.58	25.20	" " WOOD CHIPS
	113-50-54	81-53-24	492.66	25.20	" " COAL FINES
	119-53-00	90-11-18	453.18	5.62	" "
	119-17-00	90-18-12	371.54	↓	" "
	126-05-00	90-29-36	332.30	↓	" "
	112-13-00	90-48-48	215.08	↓	" "
223	151-28-24	90-39-24	289.34	↓	HW

12/14/92

SKW ALLOYS

LOCATIONS

KR
EH

SUNNY 35° (39)

HI = 5.06 ⊼ @ CPG BS CPS W/HD 00.00

	HORIZ ∢	VERT ∢	SD	ROD	
	00.00 00	89 28 12	584.47	5.62	DESK:
224	335 57 36	90 09 24	333.80	↓	CPS
	333 15 36	90 18 00	161.54		℄ 20' DR
	163 59 12	89 20 42	136.68		℄ 20' DR
	159 14 36	89 42 42	460.62	↓	℄ 20' DR
	161 49 12	88 45 42	479.84	18.64	℄ 24' DR
	159 21 18	89 38 36	477.80	5.62	C.L.F. INT.
	157 08 18	89 43 00	477.58	↓	GATE POST
	140 47 48	89 43 00	479.72		" "
	120 10 24	89 25 24	544.40		C.L.F.
	119 55 36	89 30 06	482.06		" ALIGNM
	111 39 18	89 29 24	441.10	↓	"
	97 12 48	89 08 48	380.04	8.89	"
	77 31 30	89 39 30	479.26	5.62	"
	69 54 06	88 58 36	593.70	8.89	"
	68 51 00	89 03 36	1027.18	8.89	"
	82 01 00	89 04 36	449.24	8.89	C.L.F. INT
	81 42 18	89 01 00	452.70	8.89	MW 13 ~~18~~ 13
	47 04 18	88 45 18	190.70	5.62	MW 13A 13A
	03 02 18	90 08 00	72.94	↓	WK 104
243	321 12 18	90 25 48	161.02	↓	SD/BW 106
					SD/SW 102

SKW ALLOYS

12/14/92 LOCATIONS

KEZ KEY

SUNNY 35° (40)

HI = 5.17 ⊼ @ CP9 BS CP2 N/W ... ∞

	HORIZ ∢	VERT ∢	SD	ROD	DESC
	00 00 00	92 43 18	541.54	5.62	CP 2
244	25 28 06	92 08 54	64.06	5.62	LT103-92
	179 23 42	90 31 42	252.62	5.62	LT102-92
	136 64 30	90 25 12	367.84	30.20	BOTTOM OF LANDFILL (SKW)
	123 51 48	92 26 18	372.86	15.36	" " "
	120 40 54	93 23 12	292.12	12.08	" " "
	114 40 48	93 35 12	215.36	15.36	" " "
	86 43 24	91 00 18	264.34	25.20	" " "
	49 56 30	91 43 48	190.76	25.20	" " "
	352 32 48	91 17 36	266.20	25.20	" " "
	353 27 12	91 04 48	319.70	↓	MW
	352 30 48	91 02 12	328.82		MW
	94 51 48	90 39 36	358.82		MW
	24 40 18	92 03 18	66.76	5.62	DEFUNCT COLLECTION STATION (24" PIPE STICKING OUT OF GROUND)
	140 51 30	90 34 54	179.28	↓	" " "
	137 21 18	90 23 06	269.12		" " "
	179 05 18	90 33 24	255.44		" " "
	200 52 48	89 47 54	171.38	8.89	" " "
26'	199 36 48	81 40 48	38.40	5.62	" " "

SKW ALLOYS

12/19/92 LOCATIONS

HP
KH

SUNNY 30°

HI = 5.17 T @ CP9 B.S. CP2 W 00 00 00

	HORIZ ∠	VERT ∠	SD	COD	DESC
262	351-19-42	92-15-00	183.10	5.62	TOP EDGE LANDFILL
	88-20-30	92-32-18	189.06		" " "
	124-18-00	93-10-12	148.24		" " "
	133 39-00	91 05-30	204.26		" " "
	167-46-30	90 38-00	345 00		" " "
	191-21-06	91-45-48	254.26		" " "
268	254-59-12	91-54-06	284.90		" " "

12/15/92 T @ CP 7 B.S. CP 6 W 00 00 00

HI = 5.08

	HORIZ ∠	VERT ∠	SD	COD	DESC
	00 00-00	91-47-18	790.52	5.62	CP6
269	328-31-06	90-06-24	419.68	25.20	SITE BM. 2
	328-31-36	90-13-12	410.26		420' DIR
	325-09-12	90-22 48	379.24		" " "
	321-46-06	90 10-54	332 50		" " "
	326-37-36	88-10-30	247.12		" " "
	352-34-30	90 15-48	272 40		" " "
	11-38 12	89-21 48	213 84		SW SD 04
	29 01-36	92 18-18	393 18	5 62	BOTTOM OF LANDFILL (AREA)
	32-35-18	91 45 36	501.52	5.62	" " "
278	48 47-30	89-39 42	706 48	25 20	" " "

12|15|92

SKW ALLOYS

LOCATIONS

K2
KH

CLOUD-1 32° 42

HI = 5.08 ⊼ @ CP 7 BS. CP6 W| 00-00-00

	HORIZ ∠	VERT ∠	SD	ROD	DESC
279	132-11-30	90-24-06	53.88	5.62	WT 103
	330 34 00	90-12 42	314.72	25.20	BOTTOM OF LANDFILL
(280)	303 46.18	90-14 36	350.98	↓	" " "
	276-33-54	90-06 54	365.06	↓	" " "
	251-50-48	89-47-42	429.26	↓	MW 1 MW 1
284 (281)	251-05-42	89 54-12	434.50	↓	MW 1A MW 1A

HI = 4.72 ⊼ @ CP 8 B.S. CP 7 W| 00-00-00

	HORIZ ∠	VERT ∠	SD	ROD	DESC
	00-00-00	91-24-24	409.34	5.62	CP 7
285	36-56-04	90 33 42	524.74	↓	WT 101
	58 22 06	91-23-18	957.50	↓	BOTTOM OF LANDFILL
	68 00-00	91-22-54	797.94	↓	" " "
	76 26-30	91-39-36	648 82	↓	" " "
	87-33-48	89 58 54	570.28	25.20	MW 4
	87-01-36	90-01-06	579.40	25 20	MW 4A 4A
	96-11-30	92 18-48	439.36	5.62	BOTTOM OF LANDFILL
	103-10-00	92-31-06	372.28	↓	" " "
	116-34-24	96-05-42	121.66	↓	" " "
	264 02 42	95-51-24	232.60	↓	" " "
	265-19-18	94-36 12	344.96	349.96 ↓ 344.96	SOLSW 101
290	267-53-00	93-14 48	468.70	↓	MW 2

SKW ALLOYS

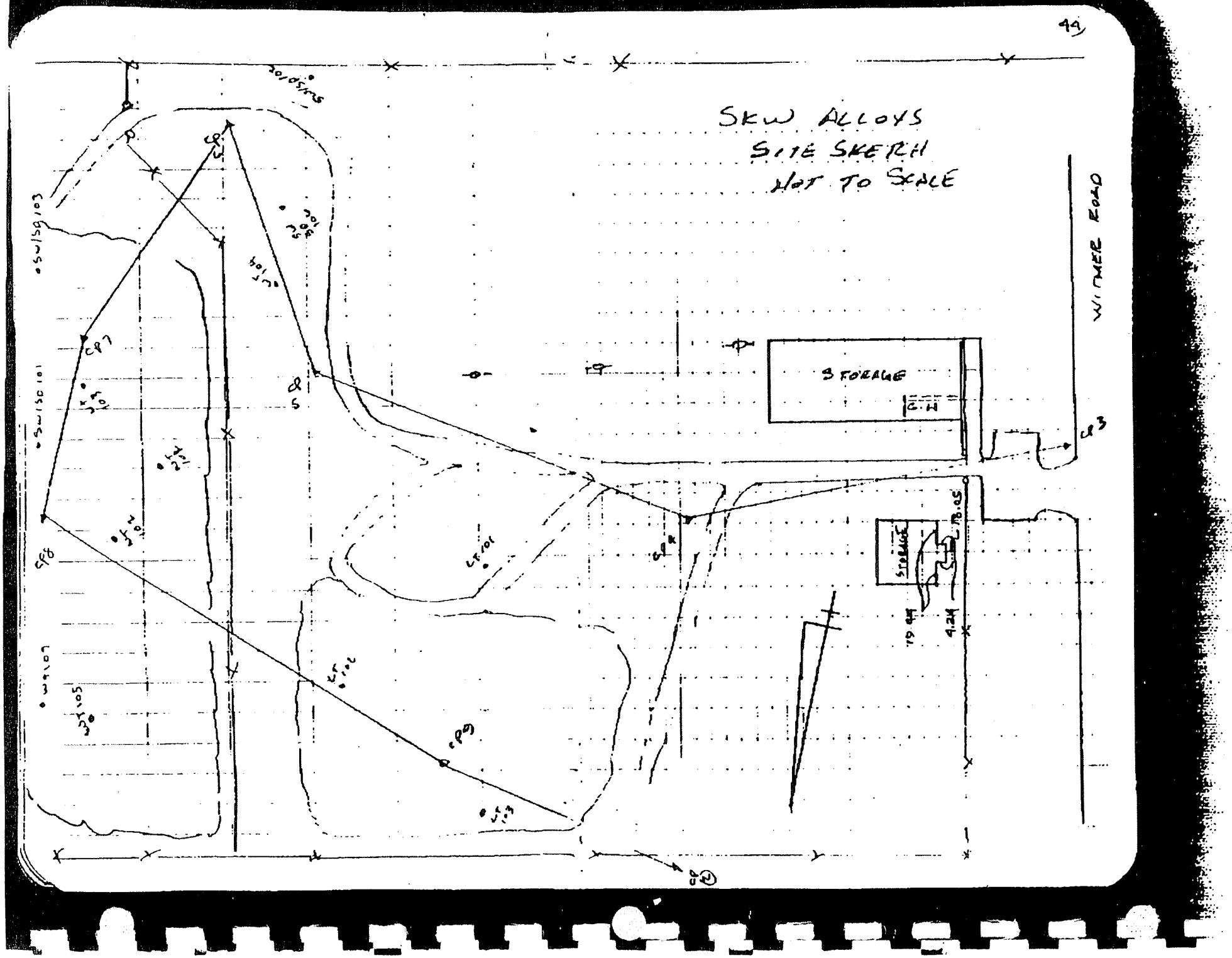
12/15/02 LOCATIONS

KE
MH

PART/CLOUDY 32° 43

HI = 4.72 ∇ @ CP 8 BS CP7 W100-00

	HORIZ ∢	VERT ∢	SD	ROD	DESC
297	261-43-00	93-14-06	476.98	5.62	MW 2A
	275-01-00	92-43-30	611.42	5.62	BOTTOM OF LANDFILL
	278-43-00	90-45-24	677.12	25.70	" " "
	272-24-00	91-52-36	826.10	8.89	COR. C.L.F.
	267-49-54	92-09-30	815.48	5.62	SW150 103
	135-05-42	94-48-06	268.40		WT 105
	113-28-00	93-04-12	495.72		COR. C.L.F.
	180-04-24	91-00-42	781.40		WT 107 (107 IS UNDER POWER LINES, LINES RUN EAST & WEST FROM THERE)
305	43-30-24	93-35-54	134.00		WT 102


SKW ALLOYS
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New York State Department of Environmental Conservation

SUPERFUND STANDBY CONTRACT
Task Order Memorandum 'C'

PRELIMINARY SITE ASSESSMENT NO. 6

SKW ALLOYS, INC.

ADDENDUM TO CONTROL REPORT

JANUARY 1993

OM P. POPLI, P.E.,L.S.,P.C.
Consulting Engineers & Land Surveyors
44 Saginaw Drive
Rochester, NY 14623
(716) 442-6940

INTRODUCTION

I. INTRODUCTION

The information contained herein supplements the SKW Alloys, Inc. Survey Control Report of December 1992. Enclosed are additional coordinate outputs and field notes of sample areas that could not be located due to the heavy snowfall at the time the field locations were obtained.

This information can be inserted into the original control report and can be regarded as final.

COORDINATE AND ELEVATION SUMMARY

JOB Name : SHW-TOPO FINAL 1-20-93 (ADDED TOPO)

Point	Northing	Easting	Elevation	Description
1	5000.0000	5000.0000	100.0000	START
101	1138309.9341	380051.6657	599.8924	EP
102	1138693.0766	379957.5510	596.7608	EP
103	1138533.2825	379829.5275	593.1785	EP
104	1138381.3028	379707.2545	591.5144	EP
105	1138235.4959	379588.7022	590.7373	EP
106	1138219.2844	379606.4217	590.6924	EP
107	1138359.2678	379720.2451	591.6731	EP
108	1138509.9345	379842.1539	593.1200	EP/EDGE DR
109	1138514.2884	379856.6586	593.5311	EDGE DR
110	1138506.9636	379868.0004	593.5902	EDGE DR
111	1138494.0602	379873.6550	593.5834	EDGE DR
112	1138477.1883	379876.5710	593.6325	EDGE DR
113	1138471.9698	379914.2362	594.0161	EDGE DR
114	1138386.3247	379920.1461	594.7126	EDGE DR
115	1138385.1212	379947.3073	595.3453	EDGE DR
116	1138398.5401	379946.7601	595.3249	EDGE DR
117	1138399.2838	379934.6677	594.9649	EDGE DR
118	1138424.0657	379932.7863	594.7677	EDGE DR
119	1138425.2537	379945.3900	595.4080	EDGE DR
120	1138439.3597	379943.9904	605.5141	EDGE DR
121	1138439.2662	379933.2599	594.7129	EDGE DR
122	1138497.3137	379933.1355	594.0841	EDGE DR
123	1138502.9950	380033.1951	595.8422	EDGE DR
124	1138540.4788	380040.8812	595.3851	EDGE DR
125	1138536.0462	379966.8177	594.7097	EDGE DR
126	1138526.3116	379965.9017	594.7251	EDGE DR
127	1138526.4173	379961.3968	594.7697	EDGE DR
128	1138553.3912	379958.8397	594.9689	EDGE DR
129	1138552.7856	379905.5886	594.3277	EDGE DR
130	1138560.4497	379898.7680	594.2515	EDGE DR
131	1138577.4338	379896.7810	594.3372	EDGE DR/EP
132	1138689.6253	379985.9120	596.9140	EP
133	1138791.6984	380067.6389	599.5917	EP
134	1138753.4109	380053.0102	599.0230	PP NM75 NYT12
135	1138601.8032	379931.4051	595.1306	PP NM74 NYT11
136	1138510.8461	379857.4908	593.8460	PP NM73 NYT10 BM
137	1138419.0901	379783.2116	593.0088	PP NYT9 NM72
138	1138316.3825	379700.3457	591.7530	PP NYT8 NM71
139	1138237.0801	379636.6687	591.1085	PP NYT7 NM70
140	1138635.5147	379979.1899	597.1446	COR CLF
141	1138595.0892	379978.4222	596.7930	COR CLF
142	1138574.4662	379960.6175	595.9275	< CLF
143	1138527.2509	379963.0937	594.9603	GATE POST
144	1138506.7913	379963.7413	594.4982	GATE POST
145	1138499.3692	379964.0164	594.4605	END CLF@BLDG
146	1138382.0537	379947.5839	594.5685	BEG CLF
147	1138379.2633	379893.2371	593.5843	COR CLF
148	1138365.3326	379892.9170	592.5672	GATE POST
149	1138349.8208	379893.1364	593.0513	GATE POST
150	1138330.6261	379894.9340	596.2235	COR CLF
151	1138284.9244	379856.6770	596.5586	CLF
152	1138382.1185	379947.6660	594.5593	COR BLDG
153	1138452.0094	379944.2857	594.2495	COR BLDG
154	1138452.9834	379962.7576	594.3487	COR BLDG
155	1138462.8599	379962.3127	594.4176	COR BLDG
156	1138462.9868	379964.3097	594.4328	COR BLDG
157	1138485.7106	379963.6365	594.4850	COR BLDG
158	1138486.0056	379959.5226	594.3928	COR BLDG

159	1138499.1010	379953.8883	594.3455	COR BLDG
160	1138594.3861	379979.4900	595.7942	COR BLDG
161	1138537.7333	379981.4924	595.0342	COR BLDG
162	1138541.5810	380058.3045	595.6570	COR BLDG
163	1138392.0865	380151.2529	594.1372	COR BLDG
164	1138508.3942	380145.4635	595.6229	COR BLDG
165	1138598.4676	380055.2776	598.1351	COR BLDG
166	1138541.2591	380058.1232	595.7356	EDGE DR
167	1138525.9900	380090.1893	595.4378	CL 20'DR/CL 20DR
168	1138683.7359	380209.9081	600.4102	CL 20'DR SIDE
169	1138517.9325	380204.3235	596.3402	CL 20'DR MAIN
170	1138474.6583	380330.5031	596.8313	CL 20'DR @ CL
171	1138528.1718	380411.3916	598.8013	CL 18'DR
172	1138624.2479	380554.1375	608.0861	CL 18'DR
173	1138455.4126	380442.6317	596.9391	CL 20'DR
174	1138698.0313	380588.0126	601.0812	BOT.LANDFILL
175	1138861.7615	380587.4180	601.1872	BOT.LANDFILL
176	1139059.4553	380604.5556	605.4764	BOT.LANDFILL
177	1139110.2601	380368.9114	604.3613	COR CLF
178	1138568.6596	380178.6628	597.4808	POLE
179	1138521.5741	380299.8915	598.1017	POLE
180	1138409.8927	380395.8232	596.4904	POLE
181	1138329.0560	380396.9538	595.5291	POLE
182	1138232.6678	380403.4443	596.1780	COR BLDG
183	1138391.9640	380232.8915	595.8242	POLE
184	1138398.2832	380313.4563	597.3833	POLE
185	1138401.5491	380390.9684	597.3549	POLE
186	1138407.4690	380463.3998	595.4688	POLE
187	1138455.4803	380567.4832	596.4385	CL 20'DR
188	1138307.5044	380573.9179	596.6281	CL 20'DR
189	1138119.9848	380566.6127	594.5208	CL 20'DR
190	1138089.5822	380590.4040	593.9327	CL 20'DR
191	1138077.1804	380633.2177	593.4444	CL 20'DR
192	1138082.2137	380783.5237	593.4768	CL 20'DR
193	1138237.0303	380489.8335	596.1868	COR BLDG
194	1138213.2055	380490.9667	596.4933	COR BLDG
195	1138058.3494	380369.9808	594.8836	CLF POT
196	1138186.2279	380527.9090	595.8774	MW
197	1138195.2406	380531.1129	596.2076	MW
198	1138376.2036	380586.2948	595.4082	MW
199	1138407.3870	380535.3535	596.3622	POLE
200	1138410.4289	380621.7558	595.0513	POLE
201	1138410.9236	380624.0454	594.9801	COR BLDG
202	1138411.5534	380635.9012	594.4761	COR BLDG
203	1138403.0459	380636.4657	594.8908	COR BLDG
204	1138403.8343	380651.5024	595.0829	COR BLDG
205	1138431.8947	380650.0077	596.8267	COR BLDG
206	1138430.8303	380622.8698	596.4433	COR BLDG
207	1138426.9125	380721.7191	596.2971	LT 101-92
208	1138596.2666	380580.5900	598.5812	BOT.LANDFILL
209	1138593.6161	380668.2005	597.4365	BOT.LANDFILL
210	1138590.5221	380851.1914	599.1642	BOT.LANDFILL
211	1138588.4047	380896.1590	609.6440	CL 18'DIRT DR
212	1138540.5671	380851.3443	601.7641	CL 18'DIRT DR
213	1138496.2527	380771.5269	597.6539	CL 18'DIRT DR
214	1138477.1532	380643.9939	596.7684	CL 18'DIRT DR
215	1138476.2935	380833.9489	597.1215	DEBRIS PILE
216	1138554.5758	380892.5202	603.3571	DEBRIS PILE
217	1138612.0934	380979.2397	602.0649	DEBRIS PILE
218	1138605.4210	381080.9517	598.2563	DEBRIS PILE
219	1138542.3922	381075.2071	598.2084	DEBRIS PILE
220	1138505.0277	381002.4892	597.7310	DEBRIS PILE
221	1138450.0154	380986.6495	596.8368	DEBRIS PILE

222	1138447.5169	380850.3519	596.5450	DEBRIS PILE
223	1138307.9145	380971.6785	596.3819	MW
224	1138090.6204	380896.0209	593.6333	CL 20'DR
225	1138093.2779	381068.6085	593.7002	CL 20'DR
226	1138103.4903	381315.6243	595.3100	CL 20'DR
227	1138111.4976	381698.8419	596.9093	CL 20'DR
228	1138089.9520	381708.5130	591.3960	CLF INT.
229	1138110.5843	381707.0197	597.5203	GATE POST
230	1138129.0560	381706.4413	596.9077	GATE POST
231	1138269.6910	381703.1088	597.0181	CLF
232	1138383.0295	381700.4528	600.0251	CLF
233	1138421.6000	381598.5932	598.7465	CLF
234	1138436.7788	381526.0040	598.4723	CLF
235	1138440.0709	381418.3338	596.9359	CLF
236	1138584.8724	381297.2208	597.4039	CLF
237	1138704.0481	381234.7487	601.8792	CLF
238	1139137.4828	381221.7204	608.1273	CLF INT
239	1138548.7506	381327.5805	592.5153	MW 13
240	1138552.6510	381325.9324	599.0450	MW 13A
241	1138286.8678	381156.8923	592.6895	WT 104
242	1138139.7509	381162.4251	594.3763	SD/SW 106
243	1138076.7701	381071.7793	593.3376	SD/SW 102
244	1138959.7408	380787.9442	628.0256	LT 103-92
245	1138713.5128	380978.5521	628.0976	LT 102-92
246	1138869.0703	381173.1580	603.1506	BOT.LANDFILL
247	1138954.0139	381179.9154	604.6113	BOT.LANDFILL
248	1138957.3183	381092.1165	606.7103	BOT.LANDFILL
249	1138963.6157	381011.3182	606.9644	BOT.LANDFILL
250	1139087.3001	380991.4174	605.5186	BOT.LANDFILL
251	1139087.4656	380831.7842	605.0830	BOT.LANDFILL
252	1139070.3365	380603.3052	604.8386	BOT.LANDFILL
253	1139108.7285	380565.7448	604.8212	MW
254	1139111.2945	380555.9151	604.8979	MW
255	1139116.6968	381091.3107	606.7138	MW
256	1138962.0483	380786.2759	627.9360	LEACHATE COLLECT
257	1138871.8686	380983.7904	628.6070	LEACHATE COLLECT
258	1138874.8714	381074.5818	628.6187	LEACHATE COLLECT
259	1138712.3827	380981.4704	627.9453	LEACHATE COLLECT
260	1138738.9594	380869.1572	627.7602	LEACHATE COLLECT
261	1138863.0813	380821.3178	631.9815	LEACHATE COLLECT
262	1139013.6285	380664.3300	623.2385	TOP EDGE LANDFLL
263	1139030.2592	380943.0596	622.0141	TOP EDGE LANDFLL
264	1138919.1341	380953.0695	622.2295	TOP EDGE LANDFLL
265	1138891.6542	381100.6259	624.4734	TOP EDGE LANDFLL
266	1138698.3810	381087.5257	626.6135	TOP EDGE LANDFLL
267	1138680.5702	380937.2879	622.6031	TOP EDGE LANDFLL
268	1138658.7637	380652.8276	620.9728	TOP EDGE LANDFLL
269	1138111.7601	381713.8069	597.8767	SITE BM 2
270	1138119.8272	381718.6757	597.0827	CL 20'DR
271	1138135.1915	381754.2518	596.1428	CL 20'DR
272	1138175.3661	381778.2455	597.6038	CL 20'DR
273	1138254.8941	381810.9954	606.5280	CL 20'DR
274	1138315.5278	381708.3597	597.4060	SD/SW 104
275	1138412.8840	381726.7926	601.0341	BOT.LANDFILL
276	1138483.2893	381540.3096	602.4247	BOT.LANDFILL
277	1138518.7112	381428.0297	602.6506	BOT.LANDFILL
278	1138731.4631	381276.7570	602.8298	BOT.LANDFILL
279	1138521.6954	381947.0160	617.8603	WT 103
280	1138207.3227	381759.1222	597.4953	BOT.LANDFILL
281	1138126.0404	381861.5291	597.1674	BOT.LANDFILL
282	1138127.6986	382060.6498	597.9253	BOT.LANDFILL
283	1138137.0200	382204.2166	600.1939	MW 1
284	1138136.5887	382211.9233	599.3911	MW 1A

285	1138695.3812	381712.5152	623.7021	WT 101
286	1139008.3369	381314.2047	605.6471	BOT.LANDFILL
287	1139091.6905	381515.8991	609.6058	BOT.LANDFILL
288	1139108.3906	381696.9679	610.0507	BOT.LANDFILL
289	1139149.8873	381832.2296	609.4435	MW 4
290	1139152.4963	381821.9658	609.0806	MW 4A
291	1139099.8726	381975.0557	611.1115	BOT.LANDFILL
292	1139070.2937	382052.7842	612.4884	BOT.LANDFILL
293	1138862.2976	382201.6626	615.9285	BOT.LANDFILL
294	1138592.3870	382407.3720	605.1114	BOT.LANDFILL
295	1138512.0767	382486.8486	601.1606	SD/SW 101
296	1138412.6544	382563.2536	602.3013	MW 2
297	1138407.7363	382570.0453	601.9293	MW 2A
298	1138261.0920	382606.1410	599.7777	BOT.LANDFILL
299	1138182.9932	382610.9229	599.5362	BOT.LANDFILL
300	1138114.0641	382766.2300	598.5227	COR CLF
301	1138166.0536	382807.3135	598.1341	SD/SW 103
302	1139013.1253	382247.0590	606.3791	WT 105
303	1139166.7841	382089.8939	604.9750	COR CLF
304	1139272.6855	382811.8008	615.0496	WT 107
305	1138748.3795	382101.0740	620.4360	WT 102
306	1138316.2760	380682.5883	599.9049	CP5 CHK
307	1138053.5591	379569.0959	591.4016	MW 12
308	1138055.9425	379571.0083	591.5186	MW 12A
309	1138469.7896	381933.0458	618.7753	CP7 CHK
310	1138820.1306	382408.9311	618.7475	WT 106
311	1139619.6253	382535.3960	601.4336	SW/SD 105
312	1139135.1066	383047.2751	615.1469	WT 108

NEW LOCATION

FIELD NOTES

SKW ALLOYS

1/13/93		ADD'L LOCATIONS			
Hz = 5.01	T	@ CP 6	B.S. CP 5 W 00-00		
	HORIZ	VERT	SD		ROD
306	00-00	89-28-10	584.125		5.62
307	337-24-20	89-25-53	1661.19		25.20
308	337-29-08	89-25-36	1655.20		25.20
HI = 4.64	T	@ CP 8	B.S. CP 7 W 00		
	HORIZ	VERT	SD		ROD
309	00-00	91-23-57	409.160		5.62
310	199-23-32	93-01-97	189.55		
311	151-27-08	91-41-40	924.35		
312	196-52-20	90-51-58	900.98		

CLOUDY 32°

66

KR
KH

FB 83

DESC.
CP 5
MW 12
MW 12A

DESC.
CP 7
WT 106
SW/SD 105
WT 108

SKW ALLOYS

KR
KH

CLOUDY 30° 67

FB 83

1/14/93		ELEVATE MWs			
					597.89
	8.83	606.72			
			6.67	600.1	
			2.67	604.05	
			2.74	603.98	
	9.75	613.73			
			14.81	598.9	
			9.15	604.58	
			9.25	604.48	
	6.87	611.35			
			11.87	599.48	
	7.24	606.72			
			4.53	602.19	
	14.97	617.16			
			2.06	615.10	
	1.24	616.34			
			6.76	609.6	
			4.67	611.67	
			4.81	611.53	
	9.49	621.02			
			11.85	609.2	
			9.39	611.63	
			9.54	611.48	
	10.37	621.85			

BM 2 (PG 31)

MW 1 GRD
" CASS
" RISER

MW 1A GRD
" CASS
" RISER

TP

TP

TP

MW 4 GRD
" CASS
" RISER

MW 4A GRD
" CASS
" RISER

SKW ALLOYS

1/14/93		ELEVATE	MW'S	
		621.85		
			7.83	614.02
	1.68	615.70		
			18.39	597.31
	3.71	601.02		
			4.53	596.5
			1.95	599.07
			2.77	598.25
	4.12	602.97		
			6.65	596.3
			3.93	599.04
			4.11	598.86
	4.14	603.00		
			7.04	596.0
			4.55	598.45
			4.69	598.31
	2.07	600.38		
			5.07	595.31
	4.16	599.47		
			6.78	592.69
	6.14	598.83		
			6.78	592.0
			4.10	594.73
			4.15	594.68
	4.03	598.71		

CLOUDY 30° 68

KE
KH

FB83

TP

TP

MW 14 GRD
" CASS
" RISER

MW 5A GRD
" CASS
" RISER

MW 5 GRD
" CASS
" RISER

TP

TP

MW 12A GRD
" CASS
" RISER

N

NOT SURE WHICH IS WHICH NOT CALCULATED CAN'T TELL BY SKETCH.

SKW ALLOYS

FR
KH

CLOUDY 300

FB 83

1/14/93		ELEVATE	MW'S		
		598.71			
			6.71	592.0	
			4.06	594.65	
			4.37	594.34	
	4.23	598.57			
			3.44	595.13 +0.01	595.12
					✓BM No Adj.

MW12 GRD
" CASS
" USER

SITE BM 1 (PG 30)