

ABB ENVIRONMENTAL SERVICES

m Hunter

7083-30

February 5, 1993

Mr. Srikanth Maddineni, P.E.
Project Manager
Bureau of Hazardous Site Control
Div. of Hazardous Waste Remediation
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, NY 12233

SUBJECT: Initial Environmental Sampling Results
SKW Alloys Site, Site No. 932001
Work Assignment No. D002472-6.1

Dear Mr. Maddineni:

Please find enclosed one copy of the Initial Environmental Sampling Results for the Task 3 waste pile sampling, landfill leachate sampling, and surface water/sediment sampling and groundwater sampling activities at the SKW Alloys site. The package includes field data sampling sheets, a draft sampling location map, the analytical data package, and the survey control report. The analytical data package consists of three sets of data: Table 1, the raw unvalidated laboratory data; Table 2, the validated laboratory data; Table 3, the summary of validated data; and the data validation report and data usability report.

If you have any questions, please call me (extension 3506) or Glenn Daukas (extension 3376) at (207) 775-5401.

Sincerely,

ABB ENVIRONMENTAL SERVICES

Kathleen Maguire

Kathleen Maguire, P.E.
Site Manager

cc: W. Weber

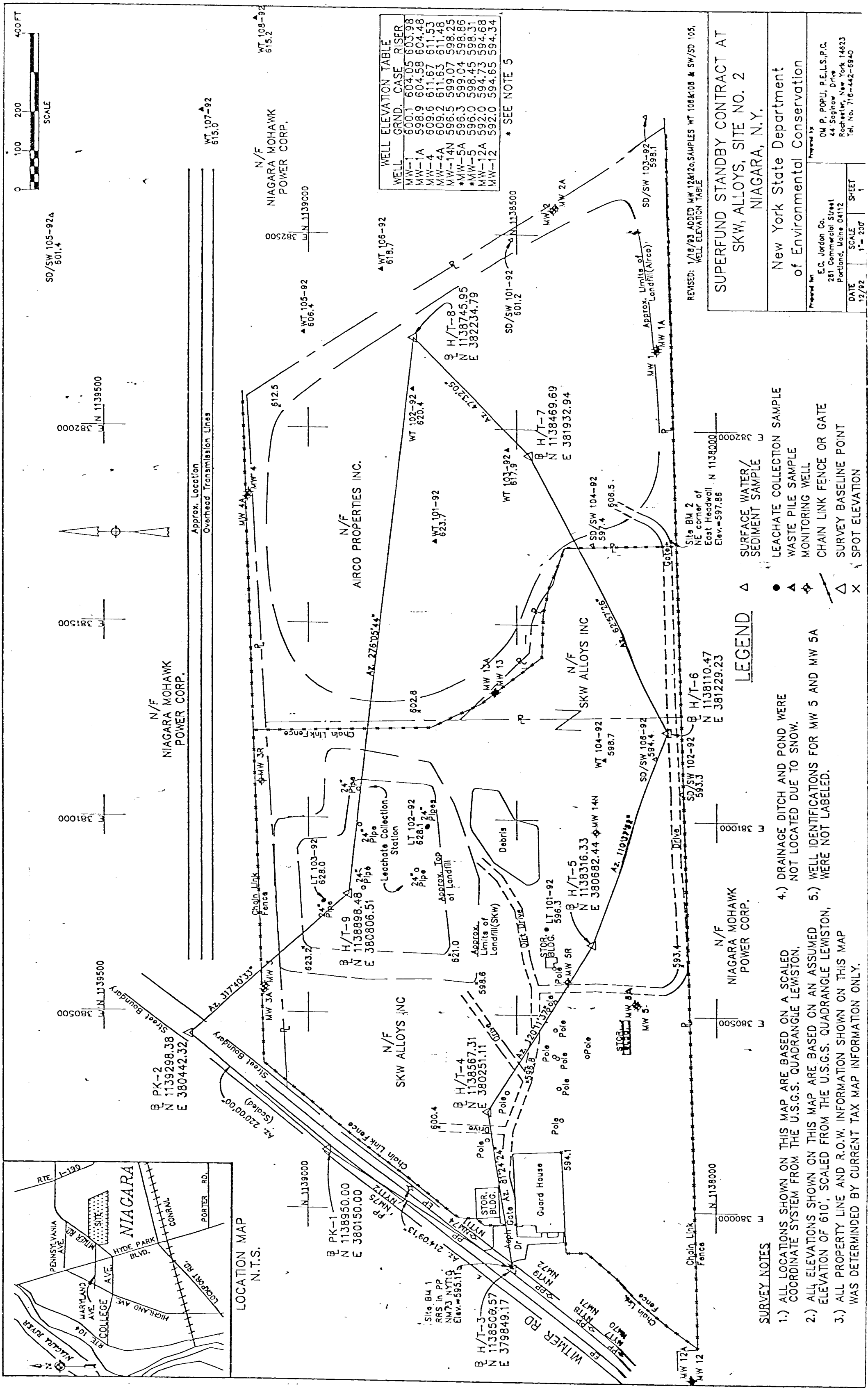
G. Daukas

File

JHF/CVR-DUMP/SKW2

7083-30

FIELD DATA SHEETS



SURFACE SOIL SAMPLE DATA RECORD

Project: NDSD/PSA-LP
 Project Number: 2083-30
 Sample Location ID: SAWT101XX92XX
 Time: Start: 1530 End: 1545

Site: SKW: Allais
 Date: 10/27/92
 Signature of Sampler: J. Conolly / T. Hillman

soil waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 0-12"

EQUIPMENT USED FOR COLLECTION:

- ☐ HAND AUGER
- ☒ S.S. SPLIT SPOON
- ☒ SHOVEL
- ☒ HAND SPOON (SS)
- ☒ ALUMINUM PANS
- ☒ SS BUCKET

TYPE OF SAMPLE COLLECTED:

- ☐ DISCRETE
- ☒ COMPOSITE

SAMPLE OBSERVATIONS:

- ☐ ODOR
- ☐ COLOR black + dark grey

DECONTAMINATION FLUIDS USED:

- ☒ ALL USED
- ☐ ETHYL ALCOHOL
- ☐ 25% METHANOL / 75% ASTM TYPE III WATER
- ☒ DEIONIZED WATER
- ☒ LIQUINOX SOLUTION
- ☐ HEXANE
- ☐ HNO₃ SOLUTION
- ☒ POTABLE WATER
- ☐ NONE

SOIL TYPE:

- ☐ CLAY
- ☐ SAND
- ☐ ORGANIC
- ☐ GRAVEL

ASH w/ fine sand

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID

SAMPLE LOCATION SKETCH:

☒ YES
☒ NO JPL

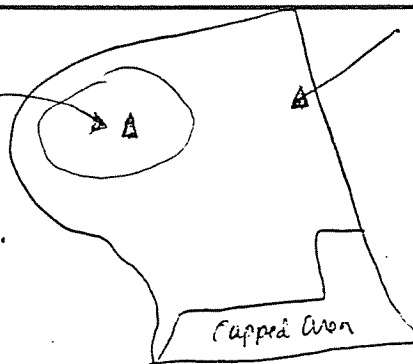
SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	GROUNDWATER Soil waste				
☒ VOCs	☐	☒	☐	<u>2-4oz glass</u>	☒	
☒ SVOCs	☐	☒	☐	<u>1-8oz amber</u>	☒	
☒ Inorganic	☐	☒	☐	<u>1-8oz amber</u>	☒	
☒ EPTox Metals	☐	☒	☐	<u>1-8oz amber</u>	☒	
☒ Co-munity	☐	☒	☐	<u> </u>	☒	
☐	☐	☐	☐	<u> </u>	☐	<u> </u>
☐	☐	☐	☐	<u> </u>	☐	<u> </u>
☐	☐	☐	☐	<u> </u>	☐	<u> </u>

NOTES/SKETCH

WT-101-92

Composite of
5 grabs
w/in circled area.



SURFACE SOIL SAMPLE DATA RECORD

Project: WYSDOC/PSA-6
 Project Number: 7083-30
 Sample Location ID: SAUT102XX92XX
 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
- ☒ SHOVEL
- ☒ HAND SPOON (SS)
- ☐ ALUMINUM PANS
- ☒ SS BUCKET
- ☒ Specimen JPC

TYPE OF SAMPLE COLLECTED:

- ☐ DISCRETE
- ☒ COMPOSITE

SAMPLE OBSERVATIONS:

- ☐ ODOR
- ☒ COLOR 4 Green / Gray
- ☐ Brown

DECONTAMINATION FLUIDS USED:

- ☒ ALL USED
- ☐ ETHYL ALCOHOL
- ☐ 25% METHANOL / 75% ASTM TYPE II WATER
- ☒ DEIONIZED WATER
- ☒ LIQUINOX SOLUTION
- ☐ HEXANE
- ☐ HNO₃ SOLUTION
- ☒ POTABLE WATER
- ☐ NONE

SOIL TYPE:

- ☐ CLAY
- ☐ SAND
- ☐ ORGANIC
- ☐ GRAVEL
- ☒ Ash w/ coarse Sand

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID: _____

SAMPLE LOCATION SKETCH:

- ☒ YES
- ☐ NO

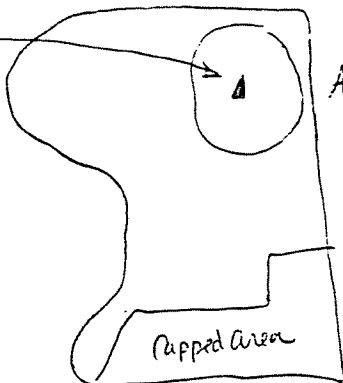
SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	Soil 102-92				
☒ VOCs	☐	☒	☐	2-4 oz glass	☒	
☒ SVOCs	☐	☒	☐	1-2 oz amber gl.	☒	
☒ Inorganics	☐	☒	☐	1-2 oz amber gl.	☒	
☒ Pesticides	☐	☒	☐	1-2 oz amber gl.	☒	
☒ Corrosive	☐	☒	☐		☒	
☐	☐	☐	☐		☐	
☐	☐	☐	☐		☐	

NOTES/SKETCH

WT-102-92

↳ composite of
5 grabs w/in
circled area



SURFACE SOIL SAMPLE DATA RECORD

Project: WYSDC / PSA-6
 Project Number: 2083-30
 Sample Location ID: SAWT103XXX92XX
 Time: Start: 1650 End: 1700

Site: SKW Allais
 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
- ☒ SHOVEL
- ☒ HAND SPOON (SS)
- ☐ ALUMINUM PANS
- ☒ SS BUCKET
- ☒ Rock Pick

TYPE OF SAMPLE COLLECTED:

- ☐ DISCRETE
- ☒ COMPOSITE

SAMPLE OBSERVATIONS:

- ☐ ODOR
- ☒ COLOR (t. Gray / brown)
- ☐ Black

DECONTAMINATION FLUIDS USED:

- ☒ ALL USED
- ☐ ETHYL ALCOHOL
- ☐ 25% METHANOL / 75% ASTM TYPE II WATER
- ☒ DEIONIZED WATER
- ☒ LIQUINOX SOLUTION
- ☐ HEXANE
- ☐ HNO₃ SOLUTION
- ☒ POTABLE WATER
- ☐ NONE

SOIL TYPE:

- ☒ CLAY
- ☒ SAND
- ☐ ORGANIC
- ☐ GRAVEL
- ☒ (x) ASH

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
☒ YES
☐ NO

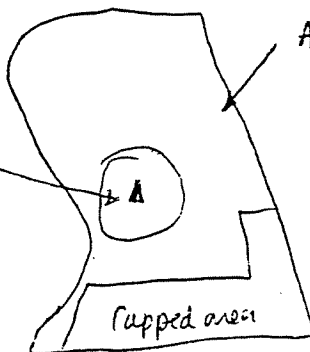
SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SHEDIMENT Soil waste				
☒ VOCs	☐	☒	☐	<u>2-4oz. cl.</u>	☒	
☒ SVOCs	☐	☒	☐	<u>1-2oz. amb.</u>	☒	
☒ Inorg + Cat6	☐	☒	☐	<u>" "</u>	☒	
☒ PEPTOX metals	☐	☒	☐	<u>" "</u>	☒	
☒ Conductivity	☐	☒	☐		☒	
☐	☐	☐	☐		☐	
☐	☐	☐	☐		☐	
☐	☐	☐	☐		☐	

NOTES/SKETCH

WT-103-92

Composite of
5 grabs w/in
circled area.



Arco Properties

Lapped area

SURFACE SOIL SAMPLE DATA RECORD

Project: PSA-6
 Project Number: 7083-30
 Sample Location ID: WT-104-92
 Time: Start: 1620 End: 1650

Site: SKW alloys
 Date: 10-28-92

Signature of Sampler: Shelly Presley Jayme Connolly

waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 0-12"

EQUIPMENT USED FOR COLLECTION:

- ☐ HAND AUGER
☐ S.S. SPLIT SPOON
☐ SHOVEL
☒ HAND SPOON SS
☐ ALUMINUM PANS
☒ SS BUCKET

DECONTAMINATION FLUIDS USED:

- ☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

TYPE OF SAMPLE COLLECTED:

- ☒ DISCRETE
☐ COMPOSITE

SAMPLE OBSERVATIONS:

- ☐ ODOR none
☐ COLOR white on top
☐ main / black inside

SOIL TYPE:

- ☐ CLAY
☒ SAND
☐ ORGANIC
☐ GRAVEL

had wood chips in it.

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

SAMPLE LOCATION SKETCH:

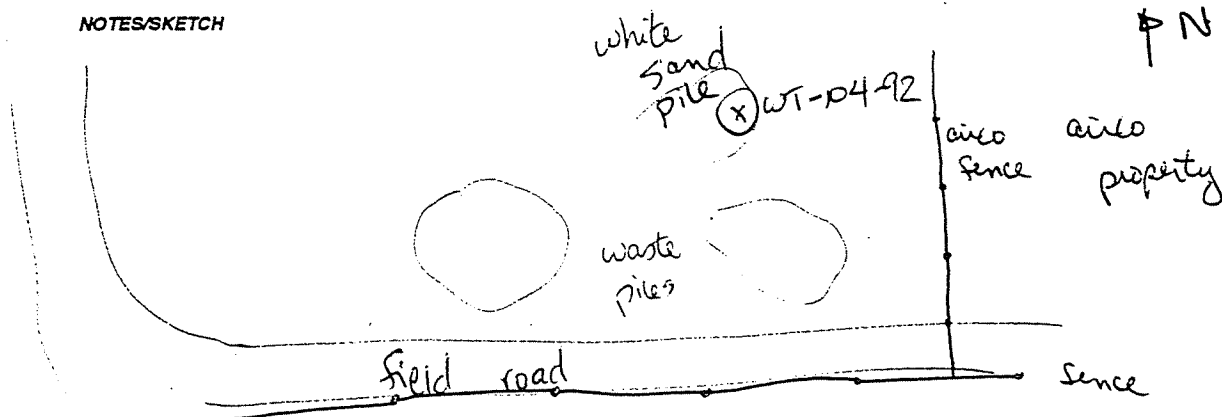
- ☒ YES
☐ NO

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

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT				
☒ VOCs		☒ waste		2-4oz glass	☒	
☒ SVOC		☒		1-8oz amber	☒	
☒ Inorg + Cr ⁶⁺		☒		1-8oz amber	☒	
☒ EP tox met.		☒		1-8oz amber	☒	
☒ Corrosivity		☒			☒	

NOTES/SKETCH



SURFACE SOIL SAMPLE DATA RECORD

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

Site: SW-allons
 Date: 10-28-92
 Signature of Sampler: Shelly Pressley

Jayne Connolly

waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 6-12"

EQUIPMENT USED FOR COLLECTION:

- ☐ HAND AUGER
- ☐ S.S. SPLIT SPOON
- ☐ SHOVEL
- ☒ HAND SPOON SS
- ☐ ALUMINUM PANS
- ☒ SS BUCKET
- ☒ pick

TYPE OF SAMPLE COLLECTED:

- ☒ 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
- ☒ DEIONIZED WATER
- ☒ LIQUINOX SOLUTION
- ☐ HEXANE
- ☐ HNO₃ SOLUTION
- ☒ POTABLE WATER
- ☐ NONE

SOIL TYPE:

- ☐ CLAY
- ☒ SAND - coal like
- ☐ ORGANIC
- ☒ GRAVEL

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

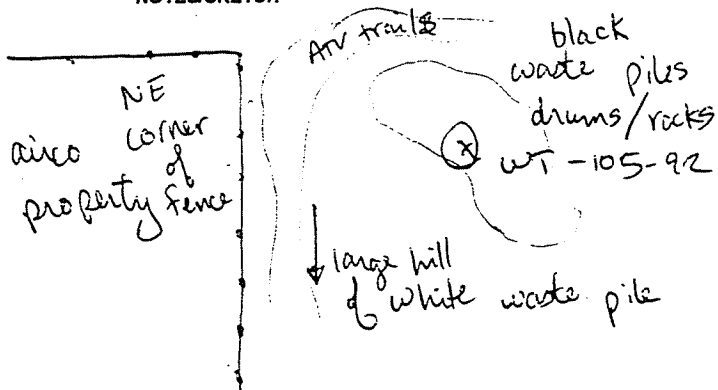
SAMPLE LOCATION SKETCH:
☒ YES
☐ NO

PID background

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT <u>waste</u>				
☒ VOCs	☐	☒	☐	<u>2-4oz glass</u>	☒	
☒ SVOCs	☐	☒	☐	<u>1-P.E. amber</u>	☒	
☒ Zn, Cd, Cr, Cu	☐	☒	☐	<u>1-P.E. amber</u>	☒	
☒ EP tox met.	☐	☒	☐	<u>1-P.E. amber</u>	☒	
☒ Corrosivity	☐	☒	☐		☐	
☐	☐	☐	☐		☐	
☐	☐	☐	☐		☐	
☐	☐	☐	☐		☐	

NOTES/SKETCH



SURFACE SOIL SAMPLE DATA RECORD

Project: NYSDEC / PSA-6 Site: SLW P1015
 Project Number: 7083-30 Date: 10-28-92
 * Sample Location ID: SAWT106XXX92XX Signature of Sampler: Shelley Pressley Jayme Connolly
 Time: Start: 1410 End: 1445

waste pile

SOIL SAMPLE

DEPTH OF SAMPLE 6-12"

EQUIPMENT USED FOR COLLECTION: DECONTAMINATION FLUIDS USED:
☐ HAND AUGER ☒ ALL USED
☐ S.S. SPLIT SPOON ☐ ETHYL ALCOHOL
☐ SHOVEL ☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ HAND SPOON ☒ DEIONIZED WATER
☐ ALUMINUM PANS ☒ LIQUINOX SOLUTION
☒ SS BUCKET ☐ HEXANE
☒ PICK ☐ HNO₃ SOLUTION
☐ NONE
 TYPE OF SAMPLE COLLECTED:
☒ DISCRETE
☐ COMPOSITE
 SOIL TYPE:
☐ CLAY
☒ SAND
☐ ORGANIC
☐ GRAVEL
 SAMPLE OBSERVATIONS:
☐ ODOR
☒ COLOR white / light gray

FIELD GC DATA: ☒ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
☒ YES
☐ NO

WT-106-DUP
SAWT106XXX92XD P10 Reading Background

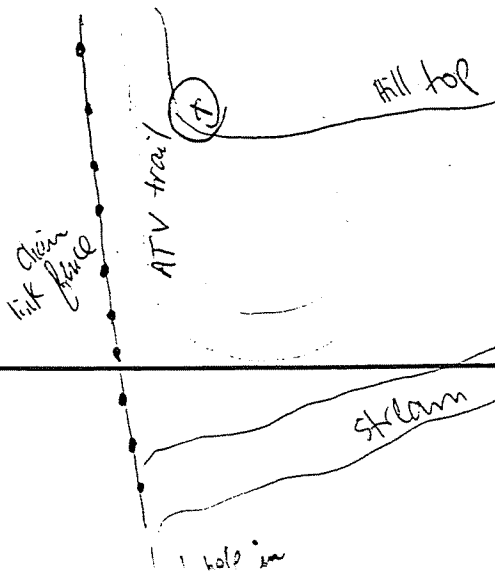
SAMPLES COLLECTED

MATRIX		IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
IF REQUIRED AT THIS LOCATION	SURFACE WATER				
☒ VOCs	☒	☐	<u>2-4oz glass</u>	☒	
☒ SVOCs	☒	☐	<u>1-8oz amber</u>	☒	
☒ Inorg + Org	☒	☐	<u>1-8oz amber</u>	☒	
☒ CP tox metals	☒	☐	<u>1-8oz amber</u>	☒	
☒ Corrosivity	☒	☐			

NOTES/SKETCH

* Dup taken at this sample

Description:



SURFACE SOIL SAMPLE DATA RECORD

Project: UNSD/EC/PSA-6
 Project Number: 7083-30
 Sample Location ID: SAW1107XX92XX
 Time: Start: 1300 End: 1340

Site: SKW Allaps
 Date: 10/29/92
 Signature of Sampler: JL & TH

SOIL SAMPLE

DEPTH OF SAMPLE 6"-12"

EQUIPMENT USED FOR COLLECTION:

☐ HAND AUGER
☐ S.S. SPLIT SPOON
☐ SHOVEL
☒ HAND SPOON
☐ ALUMINUM PANS
☒ 55 BUCKET
☐

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

TYPE OF SAMPLE COLLECTED:

☒ DISCRETE
☐ COMPOSITE

SAMPLE OBSERVATIONS:

☐ ODOR
☒ COLOR Gray
☐

SOIL TYPE:

☐ CLAY
☐ SAND
☐ ORGANIC
☐ GRAVEL

Gravelly Silt

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
☐ YES
☒ NO

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	ENVIRONMENTAL SOIL waste				
M VOC				2 402 Glass		
M SVOC				1 402		
M Inorgan				Amber Glass		
M EP TOX				1/2 402 amber		
M Corrosivity				glass		
M Cr6				1/2 402 amber		
				glass		

NOTES/SKETCH

WT-10792

SURFACE SOIL SAMPLE DATA RECORD

Project: WYDOEC - PSA-6 Site: SKIW Allouys
 Project Number: 7083-30 Date: 10/29/92
 Sample Location ID: SAWT108XXX92XX
 Time: Start: 1350 End: 1405 Signature of Sampler: [Signature]

(*)

SOIL SAMPLE

DEPTH OF SAMPLE 6"-12"

EQUIPMENT USED FOR COLLECTION:

☐ HAND AUGER
☒ S.S. SPLIT SPOON
☐ SHOVEL
☒ HAND SPOON
☐ ALUMINUM PANS
☒ TSS BUCKET

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

TYPE OF SAMPLE COLLECTED:

☒ DISCRETE
☒ COMPOSITE

SOIL TYPE:

☐ CLAY
☒ SAND
☐ ORGANIC
☐ GRAVEL

SAMPLE OBSERVATIONS:

☐ ODOR
☒ COLOR Grey

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

SAMPLE LOCATION SKETCH:

☐ YES
☐ NO

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT SOIL WASTE				
✓ VOC		✓		240 Glass	✓	
✓ SVOC		✓		1802	✓	
✓ INORG		✓		Amber Glass	✓	
✓ PTOX mlb		✓		1802	✓	
✓ Conductivity		✓		Amber Glass	✓	
✓ Gr +6		✓		1802	✓	
				Amber Glass	✓	

NOTES/SKETCH

WT-108-92

Leachate Sample LT-101

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: WYSDC/PSA-6 Site: SKW ALLOYS
Project Number: 2083-30 Date: 10/26/92
Sample Location ID: SALT101XXX92XX
Time: Start: 1350 End: 1410 Signature of Sampler: S. Pressley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
☐ STREAM ☐ RIVER
☐ POND/LAKE ☐ SEEP

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☒ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

WATER DEPTH AND SAMPLE LOCATION _____ (ft)

Leachate

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

EQUIPMENT USED FOR COLLECTION:

☐ NONE, GRAB INTO BOTTLE
☐ BOMB SAMPLER
☐ PUMP

VELOCITY MEASUREMENTS OBTAINED? ☐ YES, SEE FLOW MEASUREMENT DATA RECORD

TEMPERATURE 11.6 Deg. C. SPEC. COND. 2930 μ mhos/cm pH 6.24 Units
11/17/92 8.90C Eh = 2mv 2020 8.78
FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED Duplicate ID _____
SAMPLE LOCATION SKETCH: ☐ YES ☐ NO
METHOD USED: ☐ WINKLER ☐ PROBE
DISS. O₂ 3.46 ppm

SEDIMENT INFORMATION

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
☐ HNO₃ SOLUTION
☐ POTABLE WATER
☐ NONE

DEPTH OF SEDIMENT SAMPLE _____ (ft)

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		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT				
☐	☒	☐	☐	<u>2x40 ml</u>	☒	____/____/____
☐	☒	☐	☐	<u>1x200 ml</u>	☒	____/____/____
☐	☒	☐	☐	<u>2x1ltr plas</u>	☒	____/____/____
☐	☒	☐	☐	<u>1x1ltr plas</u>	☒	____/____/____
☐	☒	☐	☐	<u>1x1ltr plas</u>	☒	____/____/____
☐	☒	☐	☐	____	☐	____/____/____
☐	☒	☐	☐	____	☐	____/____/____

NOTES/SKETCH

Leachate Sample collected from Standpipe w/ bailer
Sampled by G. Daukas & S. Pressley

Sample time: 1400

Leachate Sample LT-102

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: PSA-6 Site: SKW #11075
 Project Number: 07083-30 Date: 10-26-92
 Sample Location ID: SALT 102 XXX 92 XX
 Time: Start: 1425 End: 1450 Signature of Sampler: S. Presley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
☐ STREAM ☐ RIVER
☐ POND/LAKE ☐ SEEP

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

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

DEPTH OF SAMPLE 0-3 (ft)
 FROM TOP OF WATER
 EQUIPMENT USED FOR COLLECTION:
☐ NONE, GRAB INTO BOTTLE
☐ BOMB SAMPLER
☒ PUMP

VELOCITY MEASUREMENTS OBTAINED? ☐ YES, SEE FLOW MEASUREMENT DATA RECORD

TEMPERATURE 11.6 Deg. C. SPEC. COND. 746 μ mhos/cm pH 6.26 Units DISS. O₂ _____ ppm

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
☐ YES
☐ NO

METHOD USED:
☐ WINKLER
☐ PROBE

SEDIMENT INFORMATION

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
☐ HNO₃ SOLUTION
☐ POTABLE WATER
☐ NONE

DEPTH OF SEDIMENT SAMPLE _____ (ft)

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		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT				
☐	☒	☐	☐	<u>2 x 40 ml</u>	☒	____/____/____
☐	☒	☐	☒	<u>1 x 80 oz</u>	☒	____/____/____
☐	☒	☐	☒	<u>2 x 1L plastic</u>	☒	____/____/____
☐	☒	☐	☒	<u>1 x 1L plastic</u>	☒	____/____/____
☐	☒	☐	☒	<u>1 x 1pt. plastic</u>	☒	____/____/____
☐	☒	☐	☒	_____	☐	____/____/____
☐	☒	☐	☒	_____	☐	____/____/____

NOTES/SKETCH

Leachate sample collected from standpipe with bailer.

Sampled by G. Dankas and S. Presley

Sample time: 1435

Leachate Sample LT-103

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: ^{NYSDEC} PSA-60 Site: SKW Alloy, LT-103
Project Number: 07083-30 Date: 10-26-92
Sample Location ID: SALT103xxx92xx
Time: Start: 1520 End: _____ Signature of Sampler: S. Pressley

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
☐ STREAM ☐ RIVER
☐ POND/LAKE ☐ SEEP
☒ Leachate

DECONTAMINATION FLUIDS USED:
☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

(Depth to water) = 20.0 (ft)
WATER DEPTH AND SAMPLE LOCATION

DEPTH OF SAMPLE FROM TOP OF WATER 0-3 (ft)
EQUIPMENT USED FOR COLLECTION:
☐ NONE, GRAB INTO BOTTLE
☐ BOMB SAMPLER
☒ PUMP

VELOCITY MEASUREMENTS OBTAINED? ☐ YES, SEE FLOW MEASUREMENT DATA RECORD

TEMPERATURE 12.3 Deg. C. SPEC. COND. 940 μ mhos/cm pH 6.00 Units DISS. O₂ _____ ppm

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLE LOCATION SKETCH: _____

METHOD USED:
☐ WINKLER
☐ PROBE

SEDIMENT INFORMATION

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
☐ HNO₃ SOLUTION
☐ POTABLE WATER
☐ NONE

DEPTH OF SEDIMENT SAMPLE _____ (ft)

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		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT				
☒	☒	☐	☐	2x40ml	☒	/ / / /
☒	☒	☐	☐	1x50 oz.	☒	/ / / /
☒	☒	☐	☐	1x 1qt (plastic)	☒	/ / / /
☒	☒	☐	☐	1x 1qt	☒	/ / / /
☒	☒	☐	☐	2x 1pt	☒	/ / / /

NOTES/SKETCH

Sample Time: 1520
Sample was collected from Leachate collection system standpipe.
Collected by G. Dankas + S. Pressley

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: SKW Alloy 5 Site: LT-001
 Project Number: 7083-30 Date: 1/14/93
 Sample Location ID: SALT DET XXX92XX
 Time: Start: 1015 End: 1040 Signature of Sampler: BK Butcher

Water Level/Well Data

Well Depth N/A Ft. ☐ Measured ☐ Top of Well ☐ Well Riser Stick-up ☐ Ft. ☐ Protective ☐ Ft.
☐ Historical ☐ Top of Protective Casing (from ground) Casing/Well Difference
 Depth to Water N/A Ft. Well Material: ☐ PVC ☐ Well Locked?: ☐ Yes ☒ No Well Dia. ☐ 2 inch ☐ 4 inch ☐ 6 inch Water Level Equip. Used:
☐ SS ☒ Concrete ☒ 4' diam ☒ None ☐ Elect. Cond. Probe
 Height of Water Column ☒ N/A Ft. ☐ 16 Gal/Ft (2 in.) ☐ 65 Gal/Ft (4 in.) ☐ 1.5 Gal/Ft (6 in.) ☐ Gal/Ft (in.) ☐ Total Gal Purged Well Integrity: ☐ Yes ☐ No
☐ Prot. Casing Secure ☐ Concrete Collar Intact ☐ Other

Equipment Documentation

Purging/Sampling Equipment Used:

Decontamination Fluids Used:

(✓ If Used For)
 Purging Sampling

Equipment ID

(✓ All That Apply at Location)

☐ Peristaltic Pump
☒ Submersible Pump
☐ Bailer
☐ PVC/Silicon Tubing
☐ Teflon/Silicon Tubing
☐ Airlift
☐ Hand Pump
☐ In-line Filter
☒ Press/Vac Filter
YSI 3580

Teflon
HB000114

☐ Methanol (100%)
☐ 25% Methanol/75% ASTM Type II water
☒ Deionized Water
☒ Liquinox Solution
☐ Hexane
☐ HNO₃/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 ☒ In Container Sample Observations: ☒ Turbid ☐ Clear ☐ Cloudy
☐ Colored ☐ Odor

Purge Data @ 0 Gal. @ 0 Gal. @ 0 Gal. @ 0 Gal. @ 0 Gal.
 Temperature, Deg. C 4.7
 pH, units 8.12
 Specific Conductivity 3,260
 (umhos/cm. @ 25 Deg. C.)
 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	☐	<u>NONE</u>	<u>1-L</u>	☒	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>

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.

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: SKW Alloys Site: LT-002
 Project Number: 7083-30 km Date: 1/14/93
 Sample Location ID: SALT 182 XXX92XX
 Time: Start: 1040 End: 1050 Signature of Sampler: BK Butch

Water Level/Well Data

Well Depth N/A Ft. ☐ Measured ☐ Top of Well ☐ Well Riser Stick-up ☐ Ft. Protective ☐ Ft.
☐ Historical ☐ Top of Protective Casing (from ground) Casing/Well Difference
 Depth to Water N/A Ft. Well Material: Concrete Well Locked?: ☒ No Well Dia. 2 inch Water Level Equip. Used: X None
☐ PVC ☐ Yes ☐ 4 inch ☐ Elect. Cond. Probe
☐ SS ☒ No ☐ 6 inch ☐ Float Activated
☐ Concrete ☒ 2' diameter ☒ None
 Height of Water Column N/A Ft. ☐ .16 Gal/Ft (2 in.) ☐ Gal/Vol Well Integrity: Yes No
☒ .65 Gal/Ft (4 in.) ☐ Prot. Casing Secure ☐
☐ 1.5 Gal/Ft (6 in.) ☐ Concrete Collar Intact ☐
☐ Gal/Ft (in.) ☐ Total Gal Purged Other ☐

Equipment Documentation

Purging/Sampling Equipment Used: **Decontamination Fluids Used:**
 (✓ If Used For) (✓ All That Apply at Location)
 Purging Sampling Equipment ID
☐ Peristaltic Pump ☐ Methanol (100%)
☐ Submersible Pump ☐ 25% Methanol/75% ASTM Type II water
☒ Bailer Bailer-Teflon ☒ Deionized Water
☐ PVC/Silicon Tubing ☒ Liquinox Solution
☐ Teflon/Silicon Tubing ☐ Hexane
☐ Airlift ☐ HNO₃/D.I. Water Solution
☐ Hand Pump ☐ Potable Water
☐ In-line Filter ☐ None
☒ Press/Vac Filter ☐
☒ YSI 3580 HBC00114

Field Analysis Data

Ambient Air VOC N/A ppm Well Mouth N/A ppm Field Data Collected ☒ In-line ☒ Turbid ☐ Clear ☐ Cloudy
☒ In Container ☒ Colored ☐ Odor
 Purge Data @ 0 Gal. @ 0 Gal. @ 0 Gal. @ 0 Gal. @ 0 Gal.
 Temperature, Deg. C 7.2
 pH, units 8.07
 Specific Conductivity 9,930
 (umhos/cm. @ 25 Deg. C.)
 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

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: SKW Alloy 5 Site: LT-003
 Project Number: 7083-30.103 km Date: 1/14/93
 Sample Location ID: SALT 003 XXX92XX
 Time: Start: 1050 End: 1100 Signature of Sampler: Bk Butch

Water Level/Well Data

Well Depth N/A Ft. ☐ Measured ☐ Top of Well ☐ Well Riser Stick-up ☐ Ft. ☐ Protective ☐ Ft.
☐ Historical ☐ Top of Protective Casing (from ground) ☐ Casing/Well Difference
 Depth to Water N/A Ft. Well Material: ☐ PVC ☐ Well Locked?: ☐ Yes ☒ No Well Dia. ☐ 2 inch ☐ 4 inch ☐ 6 inch ☒ 2* diameter Water Level Equip. Used:
☐ SS ☒ Concrete ☐ Elect. Cond. Probe ☐ Float Activated ☐ Press. Transducer
 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 ☒
 Peristaltic Pump ☐ Equipment ID ☐
 Submersible Pump ☐
 Bailer ☒ Teflon
 PVC/Silicon Tubing ☐
 Teflon/Silicon Tubing ☐
 Airlift ☐
 Hand Pump ☐
 In-line Filter ☐
 Press/Vac Filter ☒ YSI 3580 H2000114
Decontamination Fluids Used: (✓ All That Apply at Location)
☐ Methanol (100%)
☐ 25% Methanol/75% ASTM Type II water
☒ Deionized Water
☒ Liquinox Solution
☐ Hexane
☐ HNO₃/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 ☐ In Container Sample Observations:
☒ Turbid ☐ Clear ☐ Cloudy
☒ Colored ☐ Odor
 Purge Data @ 0 Gal. @ 0 Gal. @ 0 Gal. @ 0 Gal. @ 0 Gal.
 Temperature, Deg. C 8.3
 pH, units 8.10
 Specific Conductivity 4,790
 (umhos/cm. @ 25 Deg. C.)
 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	☐	<u>none</u>	<u>1-L</u>	☒	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	☐			☐	<u> </u> / <u> </u> / <u> </u> / <u> </u>

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

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: P5A-0 Site: 5KW
 Project Number: 7083-30 Date: 10/27/92
 Sample Location ID: SW/SO-101-92
 Time: Start: 15:39 End: 16:10 Signature of Sampler: Judy Presley G.D.

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
☒ STREAM ☐ RIVER
☐ POND/LAKE ☐ SEEP

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

WATER DEPTH AND SAMPLE LOCATION 1-8" (ft)

DEPTH OF SAMPLE FROM TOP OF WATER 0-5" (ft) EQUIPMENT USED FOR COLLECTION:
☒ 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. .280 $\mu\text{mhos/cm}$ pH 10.01 Units DISS. O₂ 45.6% ppm

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
☒ YES
☐ NO

METHOD USED:
☐ WINKLER
☒ PROBE 7.72 mg/l

SEDIMENT INFORMATION

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
☐ HNO₃ SOLUTION
☐ POTABLE WATER
☐ NONE

DEPTH OF SEDIMENT SAMPLE 0-3" (ft)

TYPE OF SAMPLE COLLECTED:

☐ DISCRETE
☒ COMPOSITE

SAMPLE OBSERVATIONS:

☐ ODOR _____
☒ COLOR Brown
☐ _____

SEDIMENT TYPE:

☐ CLAY
☒ SAND
☐ ORGANIC
☐ GRAVEL

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

PID reading background

SAMPLES COLLECTED

MATRIX							
✓ IF REQUIRED AT THIS LOCATION	SURFACE WATER	SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS	
☐ VOC	☒	☒	☐	_____	☐	_____	_____
☐ SVOC	☒	☒	☐	_____	☐	_____	_____
☐ inorg.	☒	☒	☐	_____	☐	_____	_____
☐ cyanide	☒	☒	☐	_____	☐	_____	_____
☐ hexachrome	☒	☒	☐	_____	☐	_____	_____
☐ EPTOX met.	☒	☒	☐	_____	☐	_____	_____
☐ w/c. (silica)	☒	☒	☐	_____	☐	_____	_____

NOTES/SKETCH

fence
yellow poles
hole in fence
airco property
stream
road
mounds of crushed stones

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

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

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
☐ STREAM ☐ RIVER
☒ POND/LAKE ☐ SEEP

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

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

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

11/18/92 1.40°C 338 11.13 6.1 Eh = 113
 TEMPERATURE 7.4 Deg. C. SPEC. COND. 0.427 mhos/cm pH 12.2 Units DISS. O₂ 6.0 ppm

FIELD GC DATA: ☒ FIELD DUPLICATE COLLECTED
 DUPLICATE ID SW/SD-102-DUP
SW/SD-102-MS/MSD

SAMPLE LOCATION SKETCH:
☐ YES
☒ NO
 METHOD USED:
☐ WINKLER
☒ PROBE

SEDIMENT INFORMATION

EQUIPMENT USED FOR COLLECTION:
☐ GRAVITY CORER
☐ S.S. SPLIT SPOON
☐ DREDGE
☐ HAND SPOON
☐ ALUMINUM PANS
☒ 55 BUCKET
☒ Hand Auger

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

DEPTH OF SEDIMENT SAMPLE 2.0 (ft)

TYPE OF SAMPLE COLLECTED:
☐ DISCRETE
☒ COMPOSITE

SEDIMENT TYPE:

☒ CLAY
☐ SAND
☒ ORGANIC
☐ GRAVEL

SAMPLE OBSERVATIONS:
☐ ODOR
☒ COLOR Brown & Orange
☐ with white

FIELD GC DATA: ☒ FIELD DUPLICATE COLLECTED
 DUPLICATE ID SW/SD-102-DUP
SW/SD-102-MS/MSD

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT				
☐ VOC	☒	☒	☐	<u>240 ml vials (2) 4oz</u>	☒	
☐ SVOC	☒	☒	☐	<u>(100%) (100%)</u>	☒	
☐ Inorg	☒	☒	☒	<u>(100%) (100%)</u>	☒	
☐ Hexchrome	☒	☒	☒	<u>(100%) (100%)</u>	☒	
☐ EPTOX	☒	☒	☒	<u>(100%) (100%)</u>	☒	
☐ Corrosivity	☒	☒	☒	<u>(100%) (100%)</u>	☒	

NOTES/SKETCH

Duplicate and MS/MSD collected

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC Site: SKW Alloys
 Project Number: 24 2083 - 30 Date: 10-29-92
 Sample Location ID: SASW 103 XXX 92 XX
 Time: Start: 1430 End: 1500 Signature of Sampler: Valley Presley Deb Cianchi

SURFACE WATER INFORMATION

WATER DEPTH AND SAMPLE LOCATION 3'

DEPTH OF SAMPLE FROM TOP OF WATER Surface (0-2')

VELOCITY MEASUREMENTS OBTAINED? ☐ YES, SEE FLOW MEASUREMENT DATA RECORD

TEMPERATURE 10.3 Deg. C. SPEC. COND. 19 μ mhos/cm pH 7.5 Units DISS. O₂ 4.6 ppm (mg/L)

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED DUPLICATE ID NA

SAMPLE LOCATION SKETCH: ☐ YES ☒ NO

METHOD USED: ☐ WINKLER ☒ PROBE

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE NA

SASD 103 XXX 92 XX

side bank of wetland area which SW sample was collected

EQUIPMENT USED FOR COLLECTION: ☒ GRAVITY CORER ☐ S.S. SPUT SPOON ☐ DREDGE ☒ HAND SPOON (SS) ☐ ALUMINUM PANS ☐ S.B. BUCKET

TYPE OF SAMPLE COLLECTED: ☒ DISCRETE ☐ COMPOSITE

SAMPLE OBSERVATIONS: ☒ ODOR ☒ COLOR grayish/brown

DECONTAMINATION FLUIDS USED:

☒ ALL USED ☐ ETHYL ALCOHOL ☐ 25% METHANOL/ 75% ASTM TYPE II WATER ☒ DEIONIZED WATER ☒ LIQUINOX SOLUTION ☐ HEXANE ☐ HNO₃ SOLUTION ☒ POTABLE WATER ☐ NONE

SEDIMENT TYPE

☐ CLAY ☒ SAND with lot of silt w/ sand ☐ ORGANIC ☐ GRAVEL

(Some white ash waste (as in sed samples collect

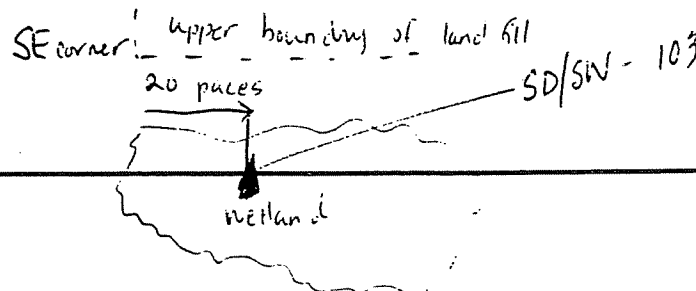
FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED DUPLICATE ID NA

SAMPLES COLLECTED

IF REQUIRED AT THIS LOCATION	MATRIX		IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT				
☒ VOC	☒	☒	☐	<u>2-4ml vial / 2-4oz glass</u>	☒	
☒ SVOC	☒	☒	☐	<u>8-oz amber gl. amber</u>	☒	
☒ INORG	☒	☒	☐	<u>8-oz gl. amber</u>	☒	
☒ METALS	☒	☒	☐	<u>8-oz gl. amber</u>	☒	
☒ EPTOX Metals	☒	☒	☐	<u>8-oz gl. amber</u>	☒	
☒ Corrosivity	☒	☒	☐		☒	

NOTES/SKETCH

SD/SW-103



SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: PSA-6
 Project Number: 708.3-30
 Sample Location ID: SW/SD-104-92
 Time: Start: 4:55 P.M. End: 5:30

Site: SKW
 Date: 10/27/92
 Signature of Sampler: Shirley Wesley Glenn Drake

SURFACE WATER INFORMATION

TYPE OF SURFACE WATER:
☒ STREAM ☐ RIVER
☐ POND/LAKE ☐ SEEP

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

WATER DEPTH AND SAMPLE LOCATION 2.6" (ft) DRAINAGE DITCH

DEPTH OF SAMPLE FROM TOP OF WATER 0-3" (ft)
 EQUIPMENT USED FOR COLLECTION:
☒ NONE, GRAB INTO BOTTLE
☐ BOMB SAMPLER
☐ PUMP

VELOCITY MEASUREMENTS OBTAINED? ☐ YES, SEE FLOW MEASUREMENT DATA RECORD STAGNANT

TEMPERATURE 10.5 Deg. C. SPEC. COND. 4.75 $\mu\text{mhos/cm}$ pH 12.4 Units DISS. O₂ 0.9 mg/l

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
☒ YES
☐ NO

METHOD USED:
☐ WINKLER
☒ PROBE

SEDIMENT INFORMATION

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
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

DEPTH OF SEDIMENT SAMPLE 0-6" (ft)

TYPE OF SAMPLE COLLECTED:
☒ DISCRETE
☒ COMPOSITE

SEDIMENT TYPE:

☒ CLAY very soft
☐ SAND
☐ ORGANIC
☐ GRAVEL

SAMPLE OBSERVATIONS:

☐ ODOR
☐ COLOR white/yellowish

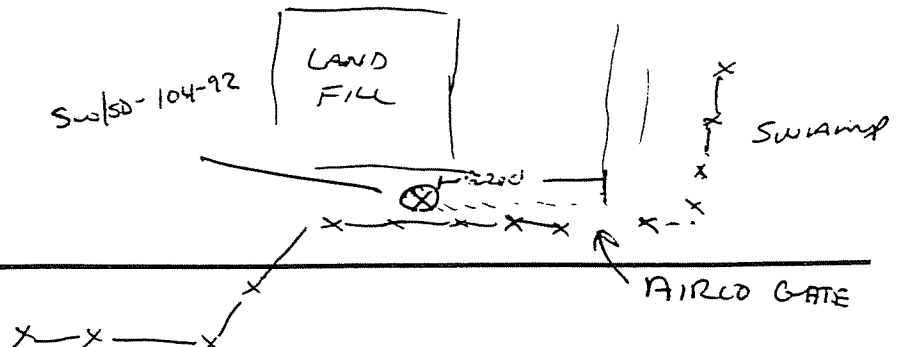
FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID _____

PHD reading background

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX		✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS			
	SURFACE WATER	SEDIMENT							
☐ VOL	☒	☒	☐		☐				
☐ SVOC	☒	☒	☐		☐				
☐ inorg	☒	☒	☐		☐				
☐ cupriol	☒	☒	☐		☐				
☒ hexachloro	☒	☒	☐		☐				
☒ DDT/PCP	☒	☒	☐		☐				
☒ PCB	☒	☒	☐		☐				
☒ heavy metal	☒	☒	☐		☐				

NOTES/SKETCH



SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC Site: SKW Alloys
 Project Number: 2083-30 Date: 10-29-92
 Sample Location ID: SASW105XXX92XX
 Time: Start: 15:15 End: 15:30 Signature of Sampler: S. Pressley

SURFACE WATER INFORMATION

WATER DEPTH ^{AT} AND SAMPLE LOCATION 4' (v) wetland (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
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☒ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

VELOCITY MEASUREMENTS OBTAINED? ☐ YES, SEE FLOW MEASUREMENT DATA RECORD

TEMPERATURE 12.3 Deg. C. SPEC. COND. 0.20 μ mhos/cm pH 7.2 Units DISS. O₂ 2.25 ppm (mg/L)

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID NA

SAMPLE LOCATION SKETCH:
☐ YES
☒ NO

METHOD USED:
☐ WINKLER
☒ PROBE

Swampy odor w/ organic sheen

SEDIMENT INFORMATION

DEPTH OF SEDIMENT SAMPLE NA (ft)
Side back from wetland (0-3")

SASD105XXX92XX

EQUIPMENT USED FOR COLLECTION:

☐ GRAVITY CORER
☐ S.S. SPLIT SPOON
☐ DREDGE
☒ HAND SPOON (SS)
☐ ALUMINUM PANS
☐ SS BUCKET

TYPE OF SAMPLE COLLECTED:

☒ DISCRETE
☒ COMPOSITE JR

SAMPLE OBSERVATIONS:

ODOR Swampy
 COLOR greyish by some
10 L greyish by some

DECONTAMINATION FLUIDS USED:

☒ ALL USED
☐ ETHYL ALCOHOL
☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☒ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

SEDIMENT TYPE:

☒ CLAY
☐ SAND
☒ ORGANIC
☐ GRAVEL

FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID NA

deeper
color changed to dark brown

SAMPLES COLLECTED

IF REQUIRED AT THIS LOCATION	MATRIX		IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT				
☒ VOC	☒	☒	☐	<u>2-4oz vial / 2-4oz gl.</u>	☒	
☒ SVOC	☒	☒	☐	<u>10 oz. amber gl. / 8oz. amber</u>	☒	
☒ INORGANICS	☒	☒	☒ (SW)	<u>1pt. pl. / 8 oz. gl. amber</u>	☒	
☒ CR6	☒	☒	☐	<u>1pt. pl. / 8 oz. gl. amber</u>	☒	
☒ METALS/COMB.	☒	☒	☐	<u>8 oz. gl. amber</u>	☒	
☐	☐	☐	☐		☐	
☐	☐	☐	☐		☐	

NOTES/SKETCH

SW/SD - 105
 PASHY prop.
 pointing 1st
 wetlands
 T T T T T

SURFACE WATER AND SEDIMENT FIELD SAMPLE DATA RECORD

Project: NYSDEC Site: SKW Alloys
 Project Number: 7063-30 Date: 10-29-92
 Sample Location ID: SASW/SD106XXX92XX
 (*) Time: Start: 1320 End: 1345 (*) Signature of Sampler: S. P. [Signature]

SURFACE WATER INFORMATION (*) TYPE OF SURFACE WATER:
☐ STREAM ☐ RIVER
☐ POND/LAKE ☐ SEEP ☒ standing water
 (*) WATER DEPTH ^{AT} 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
☒ DEIONIZED WATER
☒ LIQUINOX SOLUTION
☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE

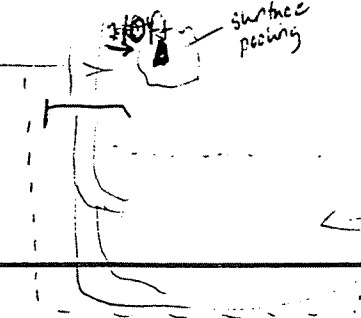
VELOCITY MEASUREMENTS OBTAINED? ☐ YES, SEE FLOW MEASUREMENT DATA RECORD
11/18/92 5.0°C 2.59 (on 20 scale) 12.4 5.9 En = -12
 (*) TEMPERATURE 11.4 Deg. C. SPEC. COND. 23 µmhos/cm pH 11.5 Units DISS. O₂ 6.05 mg/L ppm
 FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID NA (*) SAMPLE LOCATION SKETCH: METHOD USED:
☒ YES ☐ WINKLER
☐ NO ☒ PROBE

SEDIMENT INFORMATION (*) EQUIPMENT USED FOR COLLECTION: DECONTAMINATION FLUIDS USED:
☐ GRAVITY CORER ☒ ALL USED
☐ S.S. SPLIT SPOON ☐ ETHYL ALCOHOL
☐ DREDGE ☐ 25% METHANOL/ 75% ASTM TYPE II WATER
☒ HAND SPOON (SS) ☒ DEIONIZED WATER
☐ ALUMINUM PANS ☒ LIQUINOX SOLUTION
☐ SS BUCKET ☐ HEXANE
☐ HNO₃ SOLUTION
☒ POTABLE WATER
☐ NONE
SASD106XXX92XX TYPE OF SAMPLE COLLECTED:
☒ DISCRETE
☐ COMPOSITE
 (*) SAMPLE OBSERVATIONS: SEDIMENT TYPE: (*)
☐ ODOR NO ☐ CLAY
☐ COLOR white ☐ SAND - fine
☐ ORGANIC
☐ GRAVEL
 FIELD GC DATA: ☐ FIELD DUPLICATE COLLECTED
 DUPLICATE ID NA

SAMPLES COLLECTED

IF REQUIRED AT THIS LOCATION	MATRIX		IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
	SURFACE WATER	SEDIMENT				
☒ VOC	☒	☒	☐	<u>2-40ml vol / 24oz. q1.</u>	☒	
☒ SVOC	☒	☒	☐	<u>60oz. amb. q1 / 8oz. amb. J</u>	☒	
☒ INORGs.	☒	☒	☒ (60)	<u>1st pl. / 8oz. gl. amb. J</u>	☒	
☒ METAL	☒	☒	☐	<u>1st pl. / 8oz. gl. amb.</u>	☒	
☒ PESTIC/Corrosiv.	☒	☒	☐	<u>8oz. gl. amb.</u>	☒	

NOTES/SKETCH

SW/SD-106 10-29-92 surface peeling

LF

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. ☒ Measured ☐ Historical Top of Well ☒ Top of Protective Casing Well Riser Stick-up 4.02 Ft. (from ground) Protective 0.06 Ft. Casing/Well Difference

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

Height of Water Column 9.77 Ft. ☒ .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: Prot. Casing Secure ☒ Concrete Collar Intact ☒ Other _____ Yes ☒ No ☐

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)

Purging	Sampling	Equipment ID
☒	☒	Peristaltic Pump <u>05910-009</u>
☒	☒	Bailer _____
☐	☐	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
- ☒ Deionized Water
- ☒ Liquinox Solution
- ☐ Hexane
- ☐ HNO₃/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 ☒ In Container Sample Observations: ☐ Turbid ☒ Clear ☐ Cloudy ☐ Colored ☐ Odor

Purge Data	@ 1.5 Gal.	@ 3 Gal.	@ 4.5 Gal.	@ 6 Gal.	@ _____ Gal.
Temperature, Deg. C	<u>7.2</u>	<u>6.8</u>	<u>9.8</u>	<u>8.7</u>	
pH, units	<u>7.62</u>	<u>7.33</u>	<u>7.44</u>	<u>7.5</u>	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>1150</u>	<u>1160</u>	<u>1140</u>	<u>1020</u>	
Oxidation-Reduction, +/- mv	<u>6.0</u>	<u>41</u>	<u>84</u>	<u>80</u>	
Dissolved Oxygen, ppm	<u>3.3</u>	<u>2.5</u>	<u>3.7</u>	<u>3.3</u>	
Turbidity (NTU's)	<u>30</u>	<u>34</u>	<u>290</u>	<u>104</u>	

Sample Collection Requirements

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	☐	☐	<u>2-40ml</u>	☒	
TCL SVOC	☐	☐	<u>1-80ml</u>	☒	
TCL Inorg.	☐	<u>HNO₃</u>	<u>1qt plastic</u>	☒	
TCL Cyanide	☐	<u>NaOH</u>	<u>"</u>	☒	
Cr VI	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	

Notes: Sample # SAMWXX1X1392XX
Also collected MS/MSD and DUP at this location

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. ☒ Measured ☐ Historical ☐ Top of Well ☒ Top of Protective Casing
 Below top of riser
 Well Riser Stick-up 5.67 Ft. (from ground)
 Protective Casing/Well Difference 4.25 Ft. -0.09
 Protective Casing 5.76 Ft.
 Depth to Water 6.19 Ft. Well Material: ☒ PVC ☐ SS Well Locked?: ☒ Yes ☐ No Well Dia. ☒ 2 inch ☐ 4 inch ☐ 6 inch
 Water Level Equip. Used: ☒ Elect. Cond. Probe ☐ Float Activated ☐ Press. Transducer
 Height of Water Column 3.73 Ft. ☒ .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: Prot. Casing Secure ☒ Yes ☐ No Concrete Collar Intact ☒ Yes ☐ No Other _____

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)
 Purging ☒ Sampling ☒
☒ Peristaltic Pump 05910-009
☒ Bailor _____
☐ 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
☒ Deionized Water
☒ Liquinox Solution
☐ Hexane
☐ HNO₃/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 ☐ In Container Sample Observations: ☐ Turbid ☐ Clear ☐ Cloudy ☐ Colored ☐ Odor

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

Sample Collection Requirements

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	☐	☐	<u>2x40ml</u>	☒	/
TCL SVOC	☐	☐	<u>1x1L</u>	☒	/
TCL Inorg.	☐	<u>HNO₃</u>	<u>1qt Plus.</u>	☒	/
TCL cyanide	☐	<u>NaOH</u>	<u>1qt Plus.</u>	☒	/
Cr & Pb	☐	☐	☐	☐	/
_____	☐	☐	☐	☐	/
_____	☐	☐	☐	☐	/
_____	☐	☐	☐	☐	/
_____	☐	☐	☐	☐	/

Notes: Methane odor
 Sample # SAMWX1AX0592XX

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
 Project Number: 7083-30
 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. ☒ Measured ☐ Historical ☐ Top of Well ☒ Top of Protective Casing

Well Riser Stick-up 2.50 Ft. (from ground) Protective -1.19 Ft. Casing/Well Difference

Depth to Water 9.06 Ft. Well Material: ☒ PVC ☐ SS Well Locked?: ☒ Yes ☐ No Well Dia. ☒ 2 inch ☐ 4 inch ☐ 6 inch

Water Level Equip. Used: ☒ Elect. Cond. Probe ☐ Float Activated ☐ Press. Transducer

Height of Water Column 3.62 Ft. ☒ .16 Gal/Ft. (2 in.) ☐ .65 Gal/Ft. (4 in.) ☐ 1.5 Gal/Ft. (6 in.) ☐ Gal/Ft. (in.) = 0.58 Gal/Vol

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

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)

Purging	Sampling	Equipment ID
☒	☒	Peristaltic Pump
☒	☒	Bailer
☒	☒	PVC/Silicon Tubing
☒	☒	Teflon/Silicon Tubing
☒	☒	Airlift
☒	☒	Hand Pump
☒	☒	In-line Filter
☒	☒	Press/Vac Filter
☒	☒	Submersible Pump

Equipment ID: 05910-009

Decontamination Fluids Used:

(✓ All That Apply at Location)

☐ Methanol (100%)
☐ 25% Methanol/75% ASTM Type II water
☒ Deionized Water
☒ Liquinox Solution
☐ Hexane
☐ HNO₃/D.I. Water Solution
☐ Potable Water
☐ None

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected ☒ In-line ☒ In Container ☐ Turbid ☐ Clear ☐ Cloudy ☐ Colored ☐ Odor

Purge Data	@ 1 well Vol Gal.	@ 2 well Vol Gal.	@ 3 well Vol Gal.	@ 4 well Vol Gal.	@ _____ Gal.
Temperature, Deg. C	<u>10.4</u>	<u>11.1</u>	<u>9.2</u>	<u>11.1</u>	
pH, units	<u>11.4</u>	<u>12.6</u>	<u>13.05</u>	<u>13.21</u>	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>5220</u>	<u>10000</u>	<u>5700</u>	<u>5630</u>	
Oxidation - Reduction, +/- mv	<u>-16</u>	<u>-51</u>	<u>-63</u>	<u>-68</u>	
Dissolved Oxygen, ppm	<u>3.5</u>	<u>3.5</u>	<u>3.5</u>	<u>3.5</u>	
Turbidity (NTU's)	<u>3</u>	<u>2</u>	<u>2.0</u>	<u>2</u>	

Sample Collection Requirements

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	☒	-	2-40ml	☒	
TCL SVOC	☒	-	1-600ml	☒	
TCL Inorg.	☒	HNO ₃	1qt Plastic	☒	
TCL Cyanide	☒	NaOH	"	☒	
Cr VI	☒	-	"	☒	
	☒	-	-	☒	
	☒	-	-	☒	
	☒	-	-	☒	
	☒	-	-	☒	

Notes: Water clear w/ yellowish color
Sample # SAMW4AX1092XX

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEC PSA-6
 Project Number: 7083-30
 Sample Location ID: MW-14N
 Time: Start: 1230 End: 1315

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

Water Level/Well Data

Well Depth 22.59 Ft. ☒ Measured ☐ Historical ☐ Top of Well ☒ Top of Protective Casing

Well Riser Stick-up 2.75 Ft. (from ground) Protective 70.84 Ft. Casing/Well Difference

Depth to Water 4.0 Ft. Well Material: ☒ PVC ☐ SS Well Locked?: ☒ Yes ☐ No Well Dia. ☒ 2 inch ☐ 4 inch ☐ 6 inch

Water Level Equip. Used: ☒ Elect. Cond. Probe ☐ Float Activated ☐ Press. Transducer

Height of Water Column 16.59 Ft. ☒ .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 ☒
 Concrete Collar Intact ☒
 Other ☐

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)

Purging	Sampling	Equipment ID
☒	☒	<u>05410-009</u>
☒	☒	<u>Peristaltic Pump</u>
☐	☐	<u>Bailer</u>
☐	☐	<u>PVC/Silicon Tubing</u>
☐	☐	<u>Teflon/Silicon Tubing</u>
☐	☐	<u>Airlift</u>
☐	☐	<u>Hand Pump</u>
☐	☐	<u>In-line Filter</u>
☐	☐	<u>Press/Vac Filter</u>
☐	☐	<u>Submersible Pump</u>

Decontamination Fluids Used:

(✓ All That Apply at Location)

☐ Methanol (100%)
☐ 25% Methanol/75% ASTM Type II water
☒ Deionized Water
☒ Liquinox Solution
☐ Hexane
☐ HNO₃/D.I. Water Solution
☐ Potable Water
☐ None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth ppm Field Data Collected ☐ In-line ☒ In Container Sample Observations: ☐ Turbid ☒ Clear ☐ Cloudy ☒ Colored ☐ Odor

Purge Data	@ 1 Vol gal.	@ 2 Vol gal.	@ 3 Vol gal.	@ 4 Vol gal.	@ Gal.
Temperature, Deg. C	<u>10.7</u>	<u>10.6</u>	<u>10.6</u>	<u>10.9</u>	
pH, units	<u>6.35</u>	<u>6.74</u>	<u>6.88</u>	<u>6.95</u>	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>841</u>	<u>855</u>	<u>858</u>	<u>859</u>	
Oxidation - Reduction, +/- mv	<u>-008</u>	<u>2</u>	<u>18</u>	<u>9</u>	
Dissolved Oxygen, ppm	<u>0.60</u>	<u>1.25</u>	<u>0.60</u>	<u>0.60</u>	
Turbidity (NTU's)	<u>113</u>	<u>9</u>	<u>5</u>	<u>4</u>	

Sample Collection Requirements

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>TCL VOC</u>	☐	<u> </u>	<u>2.40 mL</u>	☒	<u> </u>
<u>TCL SVOC</u>	☐	<u> </u>	<u>1-2002</u>	☒	<u> </u>
<u>TCL Inorg</u>	☐	<u>HNO₃</u>	<u>19+ plus</u>	☒	<u> </u>
<u>TCL Cyanide</u>	☐	<u>NaOH</u>	<u> </u>	☒	<u> </u>
<u>Cr VI</u>	☐	<u> </u>	<u> </u>	☒	<u> </u>
<u> </u>	☐	<u> </u>	<u> </u>	☐	<u> </u>
<u> </u>	☐	<u> </u>	<u> </u>	☐	<u> </u>
<u> </u>	☐	<u> </u>	<u> </u>	☐	<u> </u>
<u> </u>	☐	<u> </u>	<u> </u>	☐	<u> </u>

Notes: Cut lock and replaced w/ Master lock
Sample # SAMW14N X2092XX

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEL PSA-6 Site: SKWAlloys Site
 Project Number: 7083-30 Date: 11/17/92
 Sample Location ID: MW-5A Signature of Sampler: Sharon Secovich
 Time: Start: _____ End: 1600

Water Level/Well Data

Well Depth 26.85 Ft. ☒ Measured ☐ Historical ☒ Top of Well ☐ Top of Protective Casing Well Riser Stick-up 2.76 Ft. (from ground) Protective 0.17 Ft. Casing/Well Difference
 Depth to Water 10.20 Ft. Well Material: ☒ PVC ☒ SS Well Locked?: ☒ Yes ☒ No Well Dia. ☒ 2 inch ☐ 4 inch ☐ 6 inch Water Level Equip. Used: ☒ Elect. Cond. Probe ☐ Float Activated ☐ Press. Transducer
 Height of Water Column ☒ .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: Prot. Casing Secure ☒ Yes ☐ No Concrete Collar Intact ☒ Yes ☐ No Other _____

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)
 Purging Sampling
☒ ☒ Peristaltic Pump Equipment ID: 05910-004
☒ ☒ Bailor _____
☐ ☐ 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
☒ Deionized Water
☒ Liquinox Solution
☐ Hexane
☐ HNO₃/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	<u>10.0</u>	<u>10.5</u>	<u>10.4</u>	<u>11.1</u>	
pH, units	<u>8.12</u>	<u>7.40</u>	<u>7.43</u>	<u>7.41</u>	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>418</u>	<u>6.49</u>	<u>658</u>	<u>674</u>	
Oxidation - Reduction, +/- mv	<u>-74</u>	<u>-74</u>	<u>-41</u>	<u>-62</u>	
Dissolved Oxygen, ppm	<u>1.4</u>	<u>0.70</u>	<u>2</u>	<u>2</u>	
Turbidity (NTU's)	<u>off meter</u>	<u>744</u>	<u>132</u>	<u>74</u>	

Sample Collection Requirements

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>ICL VOC</u>	<u>—</u>	<u>—</u>	<u>20 ADNL</u>	<u>✓</u>	<u>—</u>
<u>ICL SVOC</u>	<u>—</u>	<u>—</u>	<u>1-2002</u>	<u>✓</u>	<u>—</u>
<u>ICL Inorg</u>	<u>—</u>	<u>HNO₃</u>	<u>1st Plus</u>	<u>✓</u>	<u>—</u>
<u>ICL cyanide</u>	<u>—</u>	<u>NaOH</u>	<u>"</u>	<u>✓</u>	<u>—</u>
<u>Cr VI</u>	<u>—</u>	<u>—</u>	<u>"</u>	<u>✓</u>	<u>—</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Notes: * Water is an olive green murky color, not sediment, no odor, slight sheen on surface
Sample # SAMWX5AX2292XX

GROUNDWATER FIELD SAMPLE DATA RECORD

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

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

Water Level/Well Data

Well Depth 9.5 Ft. ☒ Measured ☐ Historical ☐ Top of Well ☒ Top of Protective Casing
 Well Riser Stick-up 2.55 Ft. (from ground) Protective -0.15 Ft. Casing/Well Difference
 Depth to Water 4.17 Ft. Well Material: ☒ PVC ☒ SS Well Locked?: ☐ Yes ☒ No Well Dia. ☒ 2 inch ☐ 4 inch ☐ 6 inch Water Level Equip. Used: ☒ Elect. Cond. Probe ☐ Float Activated ☐ Press. Transducer
 Height of Water Column ☒ .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: Prot. Casing Secure ☒ Concrete Collar Intact ☒ Other _____

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)
 Purging ☒ Sampling ☒
 Peristaltic Pump 05910-009
 Bailor _____
 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
☒ Deionized Water
☒ Liquinox Solution
 _____ Hexane
 _____ HNO₃/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	<u>9.2</u>	<u>9.4</u>	<u>9.2</u>	<u>8.9</u>	
pH, units	<u>7.76</u>	<u>7.87</u>	<u>7.95</u>	<u>8.01</u>	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>620</u>	<u>550</u>	<u>537</u>	<u>528</u>	
Oxidation - Reduction, +/- mv	<u>-75</u>	<u>-83</u>	<u>-82</u>	<u>-78</u>	
Dissolved Oxygen, ppm	<u>1.0</u>	<u>1.4</u>	<u>.60</u>	<u>0.60</u>	
Turbidity (NTU's)	<u>21</u>	<u>16</u>	<u>7</u>	<u>7</u>	

Sample Collection Requirements

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	☒	<u>—</u>	<u>7-40ml</u>	☒	<u>—</u>
TCL SVOC	☒	<u>—</u>	<u>1-8002</u>	☒	<u>—</u>
TCL Inorg	☒	<u>NO3</u>	<u>1qt plus</u>	☒	<u>—</u>
TCL Cyanide	☒	<u>NaOH</u>	<u>"</u>	☒	<u>—</u>
CRPT	☒	<u>—</u>	<u>"</u>	☒	<u>—</u>

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

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: NYSDEL 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. ☒ Measured ☐ Historical ☒ Top of Well ☒ Top of Protective Casing
 Well Riser Stick-up 2.63 Ft. (from ground) Protective -0.06 Ft. Casing/Well Difference
 Protective _____ Ft. Casing
 Depth to Water 4.84 Ft. Well Material: ☒ PVC ☐ SS Well Locked?: ☐ Yes ☒ No Well Dia. ☒ 2 inch ☐ 4 inch ☐ 6 inch
 Water Level Equip. Used: ☒ Elect. Cond. Probe ☐ Float Activated ☐ Press. Transducer
 Height of Water Column 2.11 Ft. ☒ .16 Gal/Ft. (2 in.) ☐ .65 Gal/Ft. (4 in.) ☐ 1.5 Gal/Ft. (6 in.) ☐ _____ Gal/Ft. (____ in.) = 0.34 Gal/Vol
 Well Integrity: Prot. Casing Secure ☒ Yes ☐ No Concrete Collar Intact ☒ Yes ☐ No Other _____

Equipment Documentation

Purging/Sampling Equipment Used:

Decontamination Fluids Used:

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

(✓ All That Apply at Location)
 _____ Methanol (100%)
 _____ 25% Methanol/75% ASTM Type II water
☒ Deionized Water
☒ Liquinox Solution
 _____ Hexane
 _____ HNO₃/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 ☐ In Container Sample Observations: ☐ Turbid ☐ Clear ☐ Cloudy ☒ Colored ☐ Odor

Purge Data	@ 1 Vol Gal.	@ 2 Vol Gal.	@ 3 Vol Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	<u>5.4</u>	<u>5.1</u>	<u>3.0</u>		
pH, units	<u>7.63</u>	<u>7.76</u>	<u>7.93</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>580</u>	<u>620</u>	<u>587</u>		
Oxidation - Reduction, +/- mv	<u>101</u>	<u>-8</u>	<u>33</u>		
Dissolved Oxygen, ppm	<u>4.6</u>	<u>4.6</u>	<u>4.9</u>		
Turbidity (NTU's)	<u>N/A</u>	<u>N/A</u>	<u>32</u>		

Sample Collection Requirements

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	☐	☐	<u>1-40ml</u>	☒	<u>/</u>
TCL SVOC	☐	☐	<u>1-800ml</u>	☒	<u>/</u>
TCL Inorg.	☐	<u>HNO₃</u>	<u>19+ plus</u>	☒	<u>/</u>
TCL cyanide	☐	<u>NaOH</u>	<u>"</u>	☒	<u>/</u>
COT	☐	☐	☐	☐	<u>/</u>
	☐	☐	☐	☐	<u>/</u>
	☐	☐	☐	☐	<u>/</u>
	☐	☐	☐	☐	<u>/</u>
	☐	☐	☐	☐	<u>/</u>

Notes: _____

GROUNDWATER FIELD SAMPLE DATA RECORD

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

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

Water Level/Well Data

Well Depth 19.18 Ft. ☒ Measured ☐ Historical
 Depth to Water 6.91 Ft. Well Material: ☒ PVC ☐ SS
 Well Locked?: ☒ Yes ☒ No
 Well Dia. 2 inch ☒ 2 inch ☒ 4 inch ☐ 6 inch
 Well Riser Slick-up 2.47 Ft. (from ground)
 Protective Casing/Well Difference 0.32 Ft.
 Protective Casing _____ Ft.
 Water Level Equip. Used: ☒ Elect. Cond. Probe ☐ Float Activated ☐ Press. Transducer
 Height of Water Column 12.27 Ft. ☒ 1.6 Gal/Ft. (2 in.) ☒ 0.65 Gal/Ft. (4 in.) ☐ 1.5 Gal/Ft. (6 in.) ☐ _____ Gal/Ft. (____ in.)
 Total Gal Purged 7.68
 Well Integrity: Prot. Casing Secure ☒ Yes ☐ No
 Concrete Collar Intact ☒ Yes ☐ No
 Other _____

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)
 Purging ☒ Sampling ☒
 Peristaltic Pump ☒ Equipment ID 05910-009
 Bailor ☒
 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
☒ Deionized Water
☒ Liquinox Solution
☐ Hexane
☐ HNO₃/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 @ 1 Vol Gal. @ 2 Vol Gal. @ _____ Gal. @ _____ Gal. @ _____ Gal.
 Temperature, Deg. C 10.2
 pH, units 7.51
 Specific Conductivity 1307
 (umhos/cm. @ 25 Deg. C.)
 Oxidation - Reduction, +/- mv -28
 Dissolved Oxygen, ppm 3.3
 Turbidity (NTU's) N/A 330

Sample Collection Requirements

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC	☐	<u>—</u>	<u>240 ml</u>	☒	<u>—</u>
TCL SVOC	☐	<u>—</u>	<u>150 ml</u>	☒	<u>—</u>
TCL Inorg.	☐	<u>HNO₃</u>	<u>1 qt. per.</u>	☒	<u>—</u>
TCL Cyanide	☐	<u>NaOH</u>	<u>"</u>	☒	<u>—</u>
Cr VI	☐	<u>—</u>	<u>—</u>	☒	<u>—</u>
_____	☐	<u>—</u>	<u>—</u>	☐	<u>—</u>
_____	☐	<u>—</u>	<u>—</u>	☐	<u>—</u>
_____	☐	<u>—</u>	<u>—</u>	☐	<u>—</u>
_____	☐	<u>—</u>	<u>—</u>	☐	<u>—</u>

Notes: _____

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project NYSEFC PSA-6 Site SKW - Alloys

Project No. 7083-30

Sampler Signature

Shawn J. Secorich, B.E. Butcher

Date 11/17/92

Field Instrumentation Calibration Data

* Equip. calib @ $< 3^{\circ}\text{C}$

Equipment Type/I.D.

Battery Condition

Calibration Information

~~Photovac Tip II~~
YSI 3500 # H8000114

good
good

pH 4 _____ pH 7 _____ pH 10 _____

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 Meter Value 252
@ 25^{\circ}\text{C}

Photoionization Meter

Photovac Tip II #1

good

Zero/Zero Air? ☐ Yes ☒ No Span Gas Value 119 ppm Equiv.

Air 0.5 ppm Meter Value 116 ppm Equiv.

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: ☒ ECJ Staging ☐ Portable System ☐ Other

Trip Blank Water Source: ☐ ECJ Lab; Lot No. _____

☒ Other; Type Lab ID _____

Decontamination Fluids: ☐ Methyl Hydrate; Lot No. _____

☒ Other; Type Liquinox ID _____

HNO₃/DI Rinse Solution: ☐ ECJ Staging; Lot No. _____

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

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

Chemicals Used: HNO₃ Lot No. Lab

ZnAOC Lot No. _____

H₂SO₄ Lot No. _____

Other Lot No. _____

HCL Lot No. _____

Other Lot No. _____

NaOH Lot No. Lab

E.C. JORDAN, CO.

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
<u>YSI 5800 #3</u>	<u> </u>	pH 4 <u>X</u> pH 7 <u>X</u> pH 10 <u> </u>
<u>YSI 5800 #4</u>	<u> </u>	pH 4 <u>X</u> pH 7 <u>X</u> pH 10 <u> </u>
<u> </u>	<u> </u>	pH 4 <u> </u> pH 7 <u> </u> pH 10 <u> </u>
<u>YSI 5800 #3</u>	<u> </u>	Cond. Std. <u>200</u> / <u>199</u> Cond. Std. <u> </u> / <u> </u>
<u>YSI 5800 #4</u>	<u> </u>	Cond. Std. <u>200</u> / <u>185</u> Cond. Std. <u> </u> / <u> </u>
<u> </u>	<u> </u>	Cond. Std. <u> </u> / <u> </u> Cond. Std. <u> </u> / <u> </u>
Dissolved Oxygen		
<u>YSI mod. 57</u>	<u>OK</u>	Avg. Winkler Value <u> </u> ppm Meter Value <u> </u> ppm
Redox		
<u> </u>	<u> </u>	Zobell Sol. Value <u> </u> Meter Value <u> </u>
Photoionization Meter		
<u>#13 TIP</u>	<u>OK</u>	Zero/Zero Air? ☐ Yes ☒ No Span Gas Value <u>100</u> ppm Equiv. Meter Value <u>76.7</u> ppm Equiv.
<u>#2 TIP II</u>	<u>OK</u>	Zero/Zero Air? ☐ Yes ☒ No Span Gas Value <u>100</u> ppm Equiv. Meter Value <u>71.5</u> ppm Equiv.
Other		
<u>HACH 2100P</u>	<u>new</u>	<u>10 NTU std = 11 100 NTU std = 112 115 1000 std = 71000</u>
<u>HF-Scientific DRI-15C</u>	<u>OK</u>	<u>0.02 NTU chk std.</u>

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
 HNO₃/DI Rinse Solution: ECJ Staging; Lot No.
 Filtration Paper ID: (In Line) Manuf/Type Lot No. /
 (Vacuum) Manuf/Type Lot No. /
 Chemicals Used: HNO₃ Lot No. ZnAOC Lot No.
 H₂SO₄ Lot No. Other Lot No.
 HCL Lot No. Other Lot No.
 NaOH Lot No.

E.C. JORDAN, CO.

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 result 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 IIIs 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 Chromatograph (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.

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 U
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

[illegible]

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

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

Associated Method Blank: D3224
Associated Equipment Blank: SAQS103XXX92XX
Associated Field Blank: -
Associated Trip Blank: SAQT103XXX92XXSite: 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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Volatile Organic Aqueous Analysis (ug/L)

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:	11/03/92	11/03/92	11/07/92

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		

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:
Associated Trip Blank:

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

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	UJ	10	UJ	10
Bromomethane	10	U	10	U	5
Vinyl Chloride	10	U	10	U	10
Chloroethane	10	U	10	U	10
Methylene Chloride	10	3 JJ	10	UJ	10
Acetone	10	10 UJ	10	UJ	80
Carbon Disulfide	10	10 U	10	U	10
1,1-Dichloroethene	10	10 U	10	U	10
1,1-Dichloroethane	10	10 U	10	U	10
1,2-Dichloroethene (total)	10	10 U	10	U	10
Chloroform	10	10 U	10	U	10
1,2-Dichloroethane	10	10 U	10	U	10
2-Butanone	10	10 U	10	U	10
1,1,1-Trichloroethane	10	10 U	10	U	10
Carbon Tetrachloride	10	10 U	10	U	10
Bromodichloromethane	10	10 U	10	U	10
1,2-Dichloropropane	10	10 U	10	U	10
cis-1,3-Dichloropropene	10	10 U	10	U	10
Trichloroethene	10	10 U	10	U	10
Dibromochloromethane	10	10 U	10	U	10
1,1,2-Trichloroethane	10	10 U	10	U	10
Benzene	10	10 U	10	U	10
trans-1,3-Dichloropropene	10	10 U	10	U	10
Bromoform	10	10 U	10	U	10
4-Methyl-2-Pentanone	10	10 U	10	U	29
2-Hexanone	10	10 UJ	10	UJ	52
Tetrachloroethene	10	10 U	10	U	10
1,1,2,2-Tetrachloroethane	10	10 U	10	U	10
Toluene	10	10 U	10	U	2
Chlorobenzene	10	10 U	10	U	10
Ethylbenzene	10	10 U	10	U	10
Styrene	10	10 U	10	U	10
Total Xylenes	10	10 U	10	U	10
=====					
Dilution Factor:	1.00		1.00		1.00
=====					

Associated Method Blank: D2795
Associated Equipment Blank: D2795
Associated Field Blank: D2795
Associated Trip Blank: D2795

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
Bromomethane	10	10	U	10	U
Vinyl Chloride	10	10	U	10	U
Chloroethane	10	10	U	10	U
Methylene Chloride	10	6	J	7	J
Acetone	10	10	U	10	U
Carbon Disulfide	10	10	U	10	U
1,1-Dichloroethene	10	10	U	10	U
1,1-Dichloroethane	10	10	U	10	U
1,2-Dichloroethene (total)	10	10	U	10	U
Chloroform	10	10	U	10	U
1,2-Dichloroethane	10	10	U	10	U
2-Butanone	10	10	U	10	U
1,1,1-Trichloroethane	10	10	U	10	U
Carbon Tetrachloride	10	10	U	10	U
Bromodichloromethane	10	10	U	10	U
1,2-Dichloropropane	10	10	U	10	U
cis-1,3-Dichloropropene	10	10	U	10	U
Trichloroethene	10	10	U	10	U
Dibromochloromethane	10	10	U	10	U
1,1,2-Trichloroethane	10	10	U	10	U
Benzene	10	10	U	10	U
trans-1,3-Dichloropropene	10	10	U	10	U
Bromoform	10	10	U	10	U
4-Methyl-2-Pentanone	10	10	U	10	U
2-Hexanone	10	10	U	10	U
Tetrachloroethene	10	10	U	10	U
1,1,2,2-Tetrachloroethane	10	10	U	10	U
Toluene	10	10	U	10	U
Chlorobenzene	10	10	U	10	U
Ethylbenzene	10	10	U	10	U
Styrene	10	10	U	10	U
Total Xylenes	10	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	U	10
Bromomethane	10	U	10
Vinyl Chloride	10	U	10
Chloroethane	10	U	10
Methylene Chloride	10	8	15
Acetone	10	U	10
Carbon Disulfide	10	U	10
1,1-Dichloroethene	10	U	10
1,1-Dichloroethane	10	U	10
1,2-Dichloroethene (total)	10	U	10
Chloroform	10	U	10
1,2-Dichloroethane	10	U	10
2-Butanone	10	U	10
1,1,1-Trichloroethane	10	U	10
Carbon Tetrachloride	10	U	10
Bromodichloromethane	10	U	10
1,2-Dichloropropane	10	U	10
cis-1,3-Dichloropropene	10	U	10
Trichloroethene	10	U	10
Dibromochloromethane	10	U	10
1,1,2-Trichloroethane	10	U	10
Benzene	10	U	10
trans-1,3-Dichloropropene	10	U	10
Bromoform	10	U	10
4-Methyl-2-Pentanone	10	U	10
2-Hexanone	10	U	10
Tetrachloroethene	10	U	10
1,1,2,2-Tetrachloroethane	10	U	10
Toluene	10	U	10
Chlorobenzene	10	U	10
Ethylbenzene	10	U	10
Styrene	10	U	10
Total Xylenes	10	U	10
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

Table 1

SAMPLE LOCATION: SASW101XXX92XX		SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
LAB NUMBER: 1452401 #		1452401 #	1454412 #	1454409 #	1454402 #	1455702 #	1452402 #	1455703 #	1455701 #
DATE SAMPLED: 10/27/92		10/28/92	10/28/92	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	11/04/92	11/04/92	11/06/92	11/03/92	11/06/92	11/06/92
ANALYTE		SOW-3/90 - II CRQL							
Chloromethane	10	10	U	10	U	10	U	10	U
Bromomethane	10	10	U	10	U	10	U	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	10	U	10	U	23	6 BJ	24	22
Acetone	10	10	U	10	U	10	U	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	10	U	10	U
2-Hexanone	10	10	U	10	U	10	U	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	10	U	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	1.00	1.00	1.00	1.00
Associated Method Blank:		D2868	D2843	D2843	D2843	D2888	D2868	D2888	D2888
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Trip 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

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
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		10	U	23	UJ	24	UJ
Acetone	10		10	UJ	10	UJ	10	UJ
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
1,2-Dichloroethane	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	UJ	10	UJ	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	1.00	1.00	1.00	1.00
Associated Method Blank:		D2868	D2843	D2843	D2888	D2868	D2888	D2888
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-
Associated Trip 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:		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	10/28/92	10/27/92	10/29/92	10/29/92	10/29/92							
DATE ANALYZED:	11/03/92	11/04/92	11/04/92	11/04/92	11/03/92	11/06/92	11/06/92	11/06/92							
ANALYTE	SOW-3/90 - II	CRQL													
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:															
Percent Solids:															
=====															
Associated Method Blank:															
Associated Equipment Blank:															
Associated Field Blank:															
Associated Trip Blank:															
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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		SAWT103XXX92XX		SAWT104XXX92XX		SAWT105XXX92XX		SAWT106XXX92XX		SAWT107XXX92XX			
LAB NUMBER:	1452404 #	LAB NUMBER:	1452405 #	LAB NUMBER:	1452407 #	LAB NUMBER:	1452404 #	LAB NUMBER:	1454401 #	LAB NUMBER:	1454403 #	LAB NUMBER:	1454402 #		
DATE SAMPLED:	10/27/92	DATE SAMPLED:	10/27/92	DATE SAMPLED:	10/27/92	DATE SAMPLED:	10/28/92	DATE SAMPLED:	10/28/92	DATE SAMPLED:	10/28/92	DATE SAMPLED:	10/28/92		
DATE ANALYZED:	11/03/92	DATE ANALYZED:	11/03/92	DATE ANALYZED:	11/03/92	DATE ANALYZED:	11/04/92	DATE ANALYZED:	11/04/92	DATE ANALYZED:	11/04/92	DATE ANALYZED:	11/04/92		
SOW-3/90 - II CRQL															
ANALYTE	15	U	14	U	15	U	11	U	11	U	14	U	15	U	
Chloromethane	10														
Bromomethane	10														
Vinyl Chloride	10														
Chloroethane	10														
Methylene Chloride	10	9	BJ	28	B	40	B	5	J	9	J	7	J	29	B
Acetone	10	19	B	24	B	36	B	11	U	11	U	14	U	15	U
Carbon Disulfide	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
1,1-Dichloroethene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
1,1-Dichloroethane	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
1,2-Dichloroethene (total)	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Chloroform	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
1,2-Dichloroethane	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
2-Butanone	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
1,1,1-Trichloroethane	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Carbon Tetrachloride	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Bromodichloromethane	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
1,2-Dichloropropane	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
cis-1,3-Dichloropropene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Trichloroethene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Dibromochloromethane	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
1,1,2-Trichloroethane	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Benzene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
trans-1,3-Dichloropropene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Bromoform	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
4-Methyl-2-Pentanone	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
2-Hexanone	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Tetrachloroethene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
1,1,2,2-Tetrachloroethane	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Toluene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Chlorobenzene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Ethylbenzene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Styrene	10	15	U	14	U	15	U	11	U	11	U	14	U	15	U
Total Xylenes	10	15	U	14	U	15	U	11	U	11	U	14	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:	-		-		-		-		-		-		-		-

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

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAWT101XXX92XX									
LAB NUMBER: 1452404 #									
DATE SAMPLED: 10/27/92									
DATE ANALYZED: 11/03/92									
SOW-3/90 - 11 CRQL									
ANALYTE	15	U	14	U	15	U	14	U	15
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									
Percent Solids: 67									
Associated Method Blank: SAQS102XXX92XX K4487									
Associated Equipment Blank: SAQS102XXX92XX K4487									
Associated Field Blank: SAQS102XXX92XX K4487									
Associated Trip Blank: SAQS102XXX92XX K4487									

Site: WASTE PILE

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

Table 2
Validation / Summary TableSAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 1455708 #
DATE SAMPLED: 10/29/92
DATE ANALYZED: 11/06/92

ANALYTE	SOM-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 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II		CRQL	SAMPLE LOCATION: SAMW12AXX492XX		SAMW14NX2092XX		SAMW12X1792XX		SAMW1AX0592XX		SAMW4AX1092XX		SAMW5AX2292XX		SAMWXX1X1392XD	
	LAB NUMBER:	DATE SAMPLED:		1482201 #	11/18/92	1480007	11/17/92	1482202 #	11/18/92	1480005	11/17/92	1480008	11/17/92	1480010	11/17/92	1480004	11/17/92
Phenol	10	10	10	U	U	U	U	U	U	490	E	660	D	10	U	10	U
bis(2-Chloroethyl)ether	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
2-Chlorophenol	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
1,3-Dichlorobenzene	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
1,4-Dichlorobenzene	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
2-Methylphenol	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	10	10	U	U	U	U	U	U	3	DJ	3	DJ	10	U	10	U
4-Methylphenol	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
Hexachloroethane	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
Nitrobenzene	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
Isophorone	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
2-Nitrophenol	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
2,4-Dimethylphenol	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
bis(2-Chloroethoxy)methane	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
2,4-Dichlorophenol	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
1,2,4-Trichlorobenzene	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
Naphthalene	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
4-Chloroaniline	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
Hexachlorobutadiene	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
4-Chloro-3-Methylphenol	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
2-Methylnaphthalene	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
Hexachlorocyclopentadiene	10	10	10	U	U	U	U	U	U	100	U	100	U	10	U	10	U
2,4,6-Trichlorophenol	25	25	25	U	U	25	U	25	U	25	U	25	U	25	U	25	U
2,4,5-Trichlorophenol	25	25	25	U	U	25	U	25	U	25	U	25	U	25	U	25	U
2-Chloronaphthalene	10	10	10	U	U	10	U	10	U	100	U	100	U	10	U	10	U
2-Nitroaniline	10	10	10	U	U	10	U	10	U	100	U	100	U	10	U	10	U
Dimethylphthalate	10	10	10	U	U	10	U	10	U	100	U	100	U	10	U	10	U
Acenaphthylene	10	10	10	U	U	10	U	10	U	100	U	100	U	10	U	10	U
2,6-Dinitrotoluene	10	10	10	U	U	10	U	10	U	100	U	100	U	10	U	10	U

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

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II	CRQL	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	SAMW12AXX492XX 1482201 # 11/18/92 11/22/92 12/19/92	SAMW14NX2092XX 1480007 11/17/92 11/21/92 11/29/92	SAMW12X1792XX 1482202 # 11/18/92 11/22/92 12/19/92	SAMW1AX0592XX 1480005 11/17/92 11/21/92 11/29/92	SAMW1AX0592XX 1480005 D 11/17/92 11/21/92 11/30/92	SAMW4AX1092XX 1480008 11/17/92 11/21/92 11/30/92	SAMW5AX2292XX 1480010 11/17/92 11/21/92 11/30/92	SAMWXX1X1392XD 1480004 11/17/92 11/21/92 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	10 U	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			10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
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 1.00 1.00 1.00											

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

SAMW12AXX492XX B1457 H8989 SAQS103XXX92XX
 SAMW14NX2092XX H8989 SAQS103XXX92XX
 SAMW12X1792XX B1457 H8989 SAQS103XXX92XX
 SAMW1AX0592XX H8989 SAQS103XXX92XX
 SAMW1AX0592XX H8989 SAQS103XXX92XX
 SAMW4AX1092XX H8989 SAQS103XXX92XX
 SAMW5AX2292XX H8989 SAQS103XXX92XX
 SAMWXX1X1392XD H8989 SAQS103XXX92XX

Site: MONITORING WELL
 #: Level IV Validation
 U: Not Detected JJ: Estimated below CRQL B: Blank Contamination D: Diluted Result -: Not Detected
 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
LAB NUMBER: 1480001 1480009 R
DATE SAMPLED: 11/17/92 11/17/92
DATE EXTRACTED: 11/21/92 11/21/92
DATE ANALYZED: 11/29/92 12/01/92

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

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

Table 1
Laboratory Report of Analysis

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

ANALYTE	SOW-3/90 - II	CRQL			
3-Nitroaniline	25	U	25	U	25 U
Acenaphthene	10	U	10	U	3 J
2,4-Dinitrophenol	25	U	25	U	25 U
4-Nitrophenol	25	U	25	U	25 U
Dibenzofuran	10	U	2	J	10 U
2,4-Dinitrotoluene	10	U	10	U	10 U
Diethylphthalate	10	U	10	U	10 U
4-Chlorophenyl-phenylether	10	U	10	U	10 U
Fluorene	10	U	5	J	4 J
4-Nitroaniline	25	U	25	U	25 U
4,6-Dinitro-2-methylphenol	25	U	25	U	25 U
N-Nitrosodiphenylamine	10	U	10	U	13
4-Bromophenyl-phenylether	10	U	10	U	10 U
Hexachlorobenzene	10	U	10	U	10 U
Pentachlorophenol	25	U	25	U	25 U
Phenanthrene	10	U	1	J	1 J
Anthracene	10	U	10	U	10 U
Carbazole	10	U	10	U	10 U
Di-n-butylphthalate	10	U	10	U	10 U
Fluoranthene	10	U	2	J	2 J
Pyrene	10	U	2	J	2 J
Butylbenzylphthalate	10	U	10	U	10 U
3,3'-Dichlorobenzidine	10	U	10	U	10 U
Benzo(a)Anthracene	10	U	10	U	10 U
Chrysene	10	U	10	U	10 U
bis(2-Ethylhexyl)phthalate	10	U	15	B	13 B
Di-n-octylphthalate	10	U	10	U	10 U
Benzo(b)Fluoranthene	10	U	10	U	10 U
Benzo(k)Fluoranthene	10	U	10	U	10 U
Benzo(a)Pyrene	10	U	10	U	10 U
Indeno(1,2,3-c,d)Pyrene	10	U	10	U	10 U
Dibenz(a,h)Anthracene	10	U	10	U	10 U
Benzo(g,h,i)perylene	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
U: Not Detected JJ: Estimated below CRQL B: Blank Contamination D: Diluted Result --: Not Detected
J: Estimated E: Exceeds Calibration Range R: Unusable

Table 2
Validation / Summary Table

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

Dilution Factor:

H8989

Not Detected

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

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

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
 U: Not Detected JJ: Estimated below CRQL J: Estimated B: Blank Contamination D: Diluted Result -: Not Detected
 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
bis(2-Chloroethyl)ether	10	10	U	10	U
2-Chlorophenol	10	10	U	10	U
1,3-Dichlorobenzene	10	10	U	10	U
1,4-Dichlorobenzene	10	10	U	10	U
1,2-Dichlorobenzene	10	10	U	10	U
2-Methylphenol	10	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	10	U	10	U
4-Methylphenol	10	10	U	10	U
N-Nitroso-di-n-propylamine	10	10	U	10	U
Hexachloroethane	10	10	U	10	U
Nitrobenzene	10	10	U	10	U
Isophorone	10	10	U	10	U
2-Nitrophenol	10	10	U	10	U
2,4-Dimethylphenol	10	10	U	10	U
bis(2-Chloroethoxy)methane	10	10	U	10	U
2,4-Dichlorophenol	10	10	U	10	U
1,2,4-Trichlorobenzene	10	10	U	10	U
Naphthalene	10	10	U	10	U
4-Chloroaniline	10	10	U	10	U
Hexachlorobutadiene	10	10	U	10	U
4-Chloro-3-Methylphenol	10	10	U	10	U
2-Methylnaphthalene	10	10	U	10	U
Hexachlorocyclopentadiene	10	10	U	10	U
2,4,6-Trichlorophenol	25	25	U	25	U
2,4,5-Trichlorophenol	10	10	U	10	U
2-Chloronaphthalene	25	25	U	25	U
2-Nitroaniline	10	10	U	10	U
Dimethylphthalate	10	10	U	10	U
Acenaphthylene	10	10	U	10	U
2,6-Dinitrotoluene	10	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	SOM-3/90 - II	CRQL			
3-Nitroaniline	25	25	U	25	U
Acenaphthene	10	10	U	10	U
2,4-Dinitrophenol	25	25	U	25	U
4-Nitrophenol	25	25	U	25	U
Dibenzofuran	10	10	U	10	U
2,4-Dinitrotoluene	10	10	U	10	U
Diethylphthalate	10	10	U	10	U
4-Chlorophenyl-phenylether	10	10	U	10	U
Fluorene	10	10	U	10	U
4-Nitroaniline	25	25	U	25	U
4,6-Dinitro-2-methylphenol	25	25	U	25	U
N-Nitrosodiphenylamine	10	10	U	10	U
4-Bromophenyl-phenylether	10	10	U	10	U
Hexachlorobenzene	10	10	U	10	U
Pentachlorophenol	25	25	U	25	U
Phenanthrene	10	10	U	10	U
Anthracene	10	10	U	10	U
Carbazole	10	10	U	10	U
Di-n-butylphthalate	10	10	U	10	U
Fluoranthene	10	10	U	10	U
Pyrene	10	10	U	10	U
Butylbenzylphthalate	10	10	U	10	U
3,3'-Dichlorobenzidine	10	10	U	10	U
Benzo(a)Anthracene	10	10	U	10	U
Chrysene	10	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	1	J	10	U
Di-n-octylphthalate	10	10	U	10	U
Benzo(b)Fluoranthene	10	10	U	10	U
Benzo(k)Fluoranthene	10	10	U	10	U
Benzo(a)Pyrene	10	10	U	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	U	10	U
Dibenz(a,h)Anthracene	10	10	U	10	U
Benzo(g,h,i)perylene	10	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	U	10 U
bis(2-Chloroethyl)ether	10	U	10 U
2-Chlorophenol	10	U	10 U
1,3-Dichlorobenzene	10	U	10 U
1,4-Dichlorobenzene	10	U	10 U
1,2-Dichlorobenzene	10	U	10 U
2-Methylphenol	10	U	10 U
2,2'-oxybis(1-Chloropropane)	10	U	10 U
4-Methylphenol	10	U	10 U
N-Nitroso-di-n-propylamine	10	U	10 U
Hexachloroethane	10	U	10 U
Nitrobenzene	10	U	10 U
Isophorone	10	U	10 U
2-Nitrophenol	10	U	10 U
2,4-Dimethylphenol	10	U	10 U
bis(2-Chloroethoxy)methane	10	U	10 U
2,4-Dichlorophenol	10	U	10 U
1,2,4-Trichlorobenzene	10	U	10 U
Naphthalene	10	U	10 U
4-Chloroaniline	10	U	10 U
Hexachlorobutadiene	10	U	10 U
4-Chloro-3-Methylphenol	10	U	10 U
2-Methylnaphthalene	10	U	10 U
Hexachlorocyclopentadiene	10	UJ	10 UJ
2,4,6-Trichlorophenol	10	U	10 U
2,4,5-Trichlorophenol	25	U	25 U
2-Chloronaphthalene	10	U	10 U
2-Nitroaniline	25	U	25 U
Dimethylphthalate	10	U	10 U
Acenaphthylene	10	U	10 U
2,6-Dinitrotoluene	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
Acenaphthene	10	10	U	10	U
2,4-Dinitrophenol	25	25	U	25	U
4-Nitrophenol	25	25	U	25	U
Dibenzofuran	10	10	U	10	U
2,4-Dinitrotoluene	10	10	U	10	U
Diethylphthalate	10	10	U	10	U
4-Chlorophenyl-phenylether	10	10	U	10	U
Fluorene	10	10	U	10	U
4-Nitroaniline	25	25	U	25	U
4,6-Dinitro-2-methylphenol	25	25	U	25	U
N-Nitrosodiphenylamine	10	10	U	10	U
4-Bromophenyl-phenylether	10	10	U	10	U
Hexachlorobenzene	10	10	U	10	U
Pentachlorophenol	25	25	U	25	U
Phenanthrene	10	10	U	10	U
Anthracene	10	10	U	10	U
Carbazole	10	10	U	10	U
Di-n-butylphthalate	10	10	U	10	U
Fluoranthene	10	10	U	10	U
Pyrene	10	10	U	10	U
Butylbenzylphthalate	10	10	U	10	U
3,3'-Dichlorobenzidine	10	10	U	10	U
Benzo(a)Anthracene	10	10	U	10	U
Chrysene	10	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	10	U	10	U
Di-n-octylphthalate	10	10	U	10	U
Benzo(b)Fluoranthene	10	10	U	10	U
Benzo(k)Fluoranthene	10	10	U	10	U
Benzo(a)Pyrene	10	10	U	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	U	10	U
Dibenz(a,h)Anthracene	10	10	U	10	U
Benzo(g,h,i)perylene	10	10	U	10	U
=====					
	Dilution Factor:	1.00	1.00	1.00	
=====					

Associated Method Blank: B0813
 Associated Equipment Blank: -
 Associated Field Blank: -

B0813
 -
 -

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

PROJECT: NYSDEC PSA-6 SKW ALLOYS, Inc.

Semivolatile Organic Aqueous Analysis (ug/L)

Table 1
Laboratory Report of Analysis

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

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

PROJECT: NYSDEC PSA-6 SKW ALLOYS, Inc.

Semivolatile Organic Aqueous Analysis (ug/L)

Table 1
Laboratory Report of Analysis

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

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

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

Table 1

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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

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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	SAMPLE LOCATION:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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	1452401 #			10/27/92		10/30/92		11/10/92																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	1454412 #			10/28/92		11/02/92		11/06/92																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

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

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II		CRQL		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		11/06/92		11/02/92		10/30/92		11/04/92		11/04/92	
				DATE ANALYZED:		11/10/92		11/06/92				11/12/92		11/10/92		11/12/92		11/12/92		
Phenol	10	10	U	10	U	1	JJ	10	U	12	U	10	U	10	U	8	JJ			
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	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U			
4-Methylphenol	10	10	U	10	U	10	U	10	U	1	JJ	10	U	10	U	1	JJ			
N-Nitroso-di-n-propylamine	10	10	U	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	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	1	JJ	10	U	10	U	10	U			
Naphthalene	10	10	U	10	U	10	U	10	U	4	JJ	10	U	10	U	1	JJ			
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	1	JJ	10	U	10	U	10	U			
Hexachlorocyclopentadiene	10	10	UJ	10	U	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: 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

SAMPLE LOCATION: SASW101XXX92XX									
LAB NUMBER: 1452401 #									
DATE SAMPLED: 10/27/92									
DATE EXTRACTED: 10/30/92									
DATE ANALYZED: 11/10/92									
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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

[illegible]

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

Table 1

SAMPLE LOCATION:		SOW-3/90 - II		CRQL	
LAB NUMBER:	DATE SAMPLED:	LAB NUMBER:	DATE SAMPLED:	LAB NUMBER:	DATE SAMPLED:
DATE EXTRACTED:	DATE ANALYZED:	DATE EXTRACTED:	DATE ANALYZED:	DATE EXTRACTED:	DATE ANALYZED:
ANALYTE					
3-Nitroaniline	800	1200	U	1700	U
Acenaphthene	330	490	U	720	U
2,4-Dinitrophenol	800	1200	U	1700	U
4-Nitrophenol	800	1200	U	1700	U
Dibenzofuran	330	5	J	720	U
2,4-Dinitrotoluene	330	490	U	720	U
Diethylphthalate	330	490	U	720	U
4-Chlorophenyl-phenylether	330	490	U	720	U
Fluorene	330	490	U	720	U
4-Nitroaniline	800	1200	U	1700	U
4,6-Dinitro-2-methylphenol	800	1200	U	1700	U
N-Nitrosodiphenylamine	330	490	U	720	U
4-Bromophenyl-phenylether	330	490	U	720	U
Hexachlorobenzene	330	490	U	720	U
Pentachlorophenol	800	1200	U	1700	U
Phenanthrene	330	45	J	720	U
Anthracene	330	7	J	720	U
Carbazole	330	490	U	720	U
Di-n-butylphthalate	330	160	J	720	U
Fluoranthene	330	71	J	720	U
Pyrene	330	44	J	720	U
Butylbenzylphthalate	330	13	J	720	U
3,3'-Dichlorobenzidine	330	490	U	720	U
Benzo(a)Anthracene	330	490	U	720	U
Chrysene	330	64	J	720	U
bis(2-Ethylhexyl)phthalate	330	65	BJ	9	BJ
Di-n-octylphthalate	330	490	U	720	U
Benzo(b)Fluoranthene	330	26	J	720	U
Benzo(k)Fluoranthene	330	20	J	720	U
Benzo(a)Pyrene	330	21	J	720	U
Indeno(1,2,3-c,d)Pyrene	330	490	U	720	U
Dibenz(a,h)Anthracene	330	490	U	720	U
Benzo(g,h,i)perylene	330	490	U	720	U
Dilution Factor: 1.00					
Percent Solids: 68					
Associated Method Blank: B0893					
Associated Equipment Blank: SAQS101XXX92XX					
Associated Field Blank: SAQS101XXX92XX					

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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Semivolatle Organic Soil Analysis (ug/kg)

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						
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 U	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 UJ	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	120 JJ	620 UJ	20 JJ	2000 UJ	590 UJ
2-Methylnaphthalene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Hexachlorocyclopentadiene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2,4,6-Trichlorophenol	330	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
2,4,5-Trichlorophenol	800	490 U	720 UJ	1500 UJ	620 UJ	1600 U	2000 UJ	590 UJ
2-Chloronaphthalene	330	1200 U	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ
2-Nitroaniline	800	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
Dimethylphthalate	330	490 U	8 JJ	1500 UJ	1 JJ	650 U	11 JJ	76 JJ
Acenaphthylene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ
2,6-Dinitrotoluene	330	490 U	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ

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

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - 11	CRQL	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
3-Nitroaniline	1200 U	800	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ	1400 UJ
Acenaphthene	490 U	330	240 JJ	950 JJ	120 JJ	61 JJ	53 JJ	180 JJ	180 JJ
2,4-Dinitrophenol	1200 U	800	1700 UJ	3700 UJ	1500 UJ	1600 UJ	4800 UJ	1400 UJ	1400 UJ
4-Nitrophenol	1200 U	800	1700 UJ	3700 UJ	1500 UJ	1600 UJ	4800 UJ	1400 UJ	1400 UJ
Dibenzofuran	5 JJ	330	75 JJ	170 JJ	27 JJ	26 JJ	25 JJ	200 JJ	200 JJ
2,4-Dinitrotoluene	490 U	330	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ	590 UJ
Diethylphthalate	490 U	330	19 JJ	25 JJ	620 UJ	650 U	620 UJ	620 UJ	620 UJ
4-Chlorophenyl-phenylether	490 U	330	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ	590 UJ
Fluorene	490 U	330	140 JJ	260 JJ	64 JJ	28 JJ	41 JJ	240 JJ	240 JJ
4-Nitroaniline	1200 U	800	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ	1400 UJ
4,6-Dinitro-2-methylphenol	1200 U	800	1700 UJ	3700 UJ	1500 UJ	1600 U	4800 UJ	1400 UJ	1400 UJ
N-Nitrosodiphenylamine	490 U	330	720 UJ	1500 UJ	620 UJ	650 UJ	98 JJ	590 UJ	590 UJ
4-Bromophenyl-phenylether	490 U	330	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ	590 UJ
Hexachlorobenzene	490 U	330	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ	590 UJ
Pentachlorophenol	1200 U	800	1700 UJ	3700 UJ	1500 UJ	1600 UJ	4800 UJ	1400 UJ	1400 UJ
Phenanthrene	45 JJ	330	1500 J	2700 J	770 J	390 JJ	360 JJ	1600 J	1600 J
Anthracene	7 JJ	330	280 JJ	570 JJ	110 JJ	54 JJ	45 JJ	300 JJ	300 JJ
Carbazole	490 U	330	160 JJ	310 JJ	70 JJ	28 JJ	2000 UJ	140 JJ	140 JJ
Di-n-butylphthalate	490 U	330	48 JJ	86 JJ	620 UJ	650 U	2000 UJ	590 UJ	590 UJ
Fluoranthene	71 JJ	330	2800 J	6100 J	1600 J	670 JJ	600 JJ	2500 J	2500 J
Pyrene	44 JJ	330	2800 J	5000 J	1300 J	400 JJ	560 JJ	2300 J	2300 J
Butylbenzylphthalate	490 U	330	13 JJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ	590 UJ
3,3'-Dichlorobenzidine	490 U	330	720 UJ	1500 UJ	620 UJ	650 U	2000 UJ	590 UJ	590 UJ
Benzo(a)Anthracene	490 U	330	1000 J	2700 J	610 JJ	300 JJ	280 JJ	960 J	960 J
Chrysene	64 JJ	330	2200 J	4600 J	990 JJ	440 JJ	580 JJ	1500 J	1500 J
bis(2-Ethylhexyl)phthalate	490 U	330	720 UJ	1500 UJ	620 UJ	650 U	1600 UJ	590 UJ	590 UJ
Di-n-octylphthalate	490 U	330	21 JJ	25 JJ	620 UJ	650 U	120 JJ	4 JJ	4 JJ
Benzo(b)Fluoranthene	26 JJ	330	1500 J	1500 UJ	620 UJ	650 U	350 JJ	630 JJ	630 JJ
Benzo(k)Fluoranthene	20 JJ	330	1100 J	1500 UJ	550 JJ	240 JJ	310 JJ	780 JJ	780 JJ
Benzo(a)Pyrene	21 JJ	330	1500 J	3600 J	660 JJ	220 JJ	320 JJ	880 JJ	880 JJ
Indeno(1,2,3-c,d)Pyrene	490 U	330	1300 J	2500 J	600 JJ	200 JJ	370 JJ	610 JJ	610 JJ
Dibenz(a,h)Anthracene	490 U	330	300 JJ	540 JJ	120 JJ	650 U	2000 UJ	110 JJ	110 JJ
Benzo(g,h,i)perylene	490 U	330	830 J	670 JJ	500 JJ	650 U	320 JJ	500 JJ	500 JJ
Dilution Factor:	1.00		1.00	2.00	1.00	1.00	2.00	1.00	1.00
Percent Solids:	68		46	43	53	51	33	56	56
Associated Method Blank:	B0893		H9049	F3117	H8899	B0893	H9026	H9026	H9026
Associated Equipment Blank:	SASQ101XXX92XX		SASQ101XXX92XX	SASQ101XXX92XX	SASQ101XXX92XX	SASQ101XXX92XX	SASQ101XXX92XX	SASQ101XXX92XX	SASQ101XXX92XX
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

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

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAWT101XXX92XX									
LAB NUMBER:		1452404 #		SAWT102XXX92XX		1452405 #		SAWT103XXX92XX	
DATE SAMPLED:		10/27/92		10/27/92		10/27/92		10/27/92	
DATE EXTRACTED:		10/29/92		10/29/92		10/29/92		10/29/92	
DATE ANALYZED:		11/11/92		11/11/92		11/11/92		11/11/92	
SOW-3/90 - II CRQL									
ANALYTE									
3-Nitroaniline	800	2400	U	2300	U	4500	U	1200	U
Acenaphthene	330	13	J	160	J	140	DJ	18	J
2,4-Dinitrophenol	800	2400	U	2300	U	4500	U	1200	U
4-Nitrophenol	800	2400	U	2300	U	4500	U	1200	U
Dibenzofuran	330	990	U	890	J	920	DJ	9	J
2,4-Dinitrotoluene	330	990	U	930	U	1900	U	500	U
Diethylphthalate	330	990	U	930	U	1900	U	500	U
4-Chlorophenyl-phenylether	330	990	U	930	U	1900	U	500	U
Fluorene	330	990	U	980	U	940	DJ	500	U
4-Nitroaniline	800	2400	U	2300	U	4500	U	1200	U
4,6-Dinitro-2-methylphenol	800	2400	U	2300	U	4500	U	1200	U
N-Nitrosodiphenylamine	330	990	U	930	U	1900	U	500	U
4-Bromophenyl-phenylether	330	990	U	930	U	1900	U	500	U
Hexachlorobenzene	330	990	U	930	U	1900	U	500	U
Pentachlorophenol	330	2400	U	800	U	4500	U	1200	U
Phenanthrene	330	100	J	8400	E	9300	D	130	J
Anthracene	330	990	U	1500	U	1300	DJ	28	J
Carbazole	330	48	J	830	J	670	DJ	15	J
Di-n-butylphthalate	330	10	J	930	U	1900	U	54	J
Fluoranthene	330	230	J	7900	E	8400	D	260	J
Pyrene	330	110	J	5400	U	5100	D	160	J
Butylbenzylphthalate	330	990	U	930	U	1900	U	500	U
3,3'-Dichlorobenzidine	330	990	U	930	U	1900	U	500	U
Benzo(a)Anthracene	330	110	J	2700	U	2600	D	120	J
Chrysene	330	210	J	3100	U	3000	D	210	J
bis(2-Ethylhexyl)phthalate	330	71	BJ	97	BJ	150	BDJ	43	BJ
Di-n-octylphthalate	330	990	U	930	U	1900	U	500	U
Benzo(b)Fluoranthene	330	150	J	1500	U	1300	DJ	160	J
Benzo(k)Fluoranthene	330	130	J	1300	U	1400	DJ	130	J
Benzo(a)Pyrene	330	70	J	1500	U	1400	DJ	85	J
Indeno(1,2,3-c,d)Pyrene	330	990	U	1100	U	1100	DJ	110	J
Dibenz(a,h)Anthracene	330	990	U	200	J	1900	U	500	U
Benzo(g,h,i)perylene	330	990	U	240	J	220	DJ	31	J
=====									
Dilution Factor:		2.00		2.00		4.00		1.00	
Percent Solids:		67		71		71		66	
=====									
Associated Method Blank:		B0893		B0893		B0893		B0893	
Associated Equipment Blank:		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX	
Associated Field Blank:									

Site:	WASTE PILE				
#:	Level IV Validation	J:	Estimated	B:	Blank Contamination
:	Not Detected	:	Estimated below CROI	F:	Exceeds Calibration Range
:	Not Detected	:	Estimated below CROI	D:	Diluted Result
:	Not Detected	:	Estimated below CROI	R:	Unusable

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Semivolatle Organic Soil Analysis (ug/kg)

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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Semivolatiles Organic Soil Analysis (ug/kg)

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			
3-Nitroaniline	800	U	1200	U	1300
Acenaphthene	330	370	9	J	520
2,4-Dinitrophenol	800	890	1200	U	1300
4-Nitrophenol	800	890	1200	U	1300
Dibenzofuran	330	370	510	U	520
2,4-Dinitrotoluene	330	370	510	U	520
Diethylphthalate	330	370	5	BJ	520
4-Chlorophenyl-phenylether	330	370	510	U	520
Fluorene	330	370	510	U	520
4-Nitroaniline	800	890	1200	U	1300
4,6-Dinitro-2-methylphenol	800	890	1200	U	1300
N-Nitrosodiphenylamine	330	370	510	U	520
4-Bromophenyl-phenylether	330	370	510	U	520
Hexachlorobenzene	330	370	510	U	520
Pentachlorophenol	800	890	1200	U	1300
Phenanthrene	330	15	54	J	14
Anthracene	330	370	7	J	520
Carbazole	330	370	4	J	520
Di-n-butylphthalate	330	14	6	J	520
Fluoranthene	330	22	120	J	27
Pyrene	330	9	65	J	10
Butylbenzylphthalate	330	370	12	J	9
3,3'-Dichlorobenzidine	330	370	510	U	520
Benzo(a)Anthracene	330	11	71	J	9
Chrysene	330	15	85	J	17
bis(2-Ethylhexyl)phthalate	330	370	100	BJ	47
Di-n-octylphthalate	330	370	3	J	2
Benzo(b)Fluoranthene	330	370	49	J	22
Benzo(k)Fluoranthene	330	370	42	J	520
Benzo(a)Pyrene	330	370	42	J	520
Indeno(1,2,3-c,d)Pyrene	330	370	510	U	520
Dibenz(a,h)Anthracene	330	370	510	U	520
Benzo(g,h,i)perylene	330	370	510	U	520
Dilution Factor:	1.00	1.00	1.00		1.00
Percent Solids:	90	65	63		63

Associated Method Blank: F3117 H9026 H8889
 Associated Equipment Blank: SAQS102XXX92XX SAQS102XXX92XX
 Associated Field Blank: SAQS102XXX92XX

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 LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	SAWT102XXX92XX 1452405 # 10/27/92 10/29/92 11/11/92	SAWT103XXX92XX 1452407 # 10/27/92 10/29/92 11/11/92	SAWT104XXX92XX 1454404 # 10/28/92 11/02/92 11/17/92	SAWT105XXX92XX 1454401 # 10/28/92 11/02/92 11/17/92	SAWT106XXX92XD 1454403 # 10/28/92 11/02/92 11/16/92	SAWT106XXX92XX 1454402 # 10/28/92 11/02/92 11/16/92	SAWT107XXX92XX 1455707 # 10/29/92 11/20/92 12/02/92
Phenol	330	990	U	930	U	29	370	U	370	UJ
bis(2-Chloroethyl)ether	330	990	U	930	U	700	370	U	370	UJ
2-Chlorophenol	330	990	U	930	U	700	370	U	370	UJ
1,3-Dichlorobenzene	330	990	U	930	U	700	370	U	370	UJ
1,4-Dichlorobenzene	330	990	U	930	U	700	370	U	370	UJ
1,2-Dichlorobenzene	330	990	U	930	U	700	370	U	370	UJ
2-Methylphenol	330	990	U	930	U	18	370	U	370	UJ
2,2'-oxybis(1-chloropropane)	330	990	UJ	930	UJ	700	370	U	370	UJ
4-Methylphenol	330	990	U	930	U	700	370	U	370	UJ
N-Nitroso-di-n-propylamine	330	990	U	930	U	700	370	U	370	UJ
Hexachloroethane	330	990	U	930	U	700	370	U	370	UJ
Nitrobenzene	330	990	U	930	U	700	370	U	370	UJ
Isophorone	330	990	U	930	U	700	370	U	370	UJ
2-Nitrophenol	330	990	U	930	U	22	370	U	370	UJ
2,4-Dimethylphenol	330	990	U	930	U	700	370	U	370	UJ
bis(2-Chloroethoxy)methane	330	990	U	930	U	700	370	U	370	UJ
2,4-Dichlorophenol	330	990	U	930	U	700	370	U	370	UJ
1,2,4-Trichlorobenzene	330	990	U	700	UJ	220	44	JJ	370	UJ
Naphthalene	330	990	U	930	U	700	370	U	370	UJ
4-Chloroaniline	330	990	U	930	U	700	370	U	370	UJ
Hexachlorobutadiene	330	990	U	930	U	700	370	U	370	UJ
4-Chloro-3-Methylphenol	330	990	U	930	U	700	370	U	370	UJ
2-Methylnaphthalene	330	990	UJ	140	JJ	300	8	JJ	370	UJ
Hexachlorocyclopentadiene	330	990	U	930	UJ	700	370	U	370	UJ
2,4,6-Trichlorophenol	330	990	U	930	U	700	370	U	370	UJ
2,4,5-Trichlorophenol	800	2400	U	2300	U	1700	890	U	890	UJ
2-Chloronaphthalene	800	2400	U	2300	U	1700	890	U	890	UJ
2-Nitroaniline	330	990	U	930	U	700	370	U	370	UJ
Dimethylphthalate	330	990	U	400	JJ	700	370	U	370	UJ
Acenaphthylene	330	990	U	930	U	700	370	U	370	UJ
2,6-Dinitrotoluene	330	990	U	930	U	700	370	U	370	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										
3-Nitroaniline	800											
Acenaphthene	330	13	2400	U	2300	U	1200	U	1700	U	890	U
2,4-Dinitrophenol	800	2400	2400	U	2300	U	1200	U	1700	U	890	U
4-Nitrophenol	800	2400	2400	U	2300	U	1200	U	1700	U	890	U
Dibenzofuran	330	990	990	U	890	U	500	U	700	U	370	U
2,4-Dinitrotoluene	330	990	990	U	930	U	500	U	700	U	370	U
Diethylphthalate	330	990	990	U	930	U	500	U	700	U	370	U
4-Chlorophenyl-phenylether	330	990	990	U	930	U	500	U	700	U	370	U
Fluorene	330	990	990	U	980	U	500	U	700	U	370	U
4-Nitroaniline	800	2400	2400	U	2300	U	1200	U	1700	U	890	U
4,6-Dinitro-2-methylphenol	800	2400	2400	U	2300	U	1200	U	1700	U	890	U
N-Nitrosodiphenylamine	330	990	990	U	930	U	500	U	700	U	370	U
4-Bromophenyl-phenylether	330	990	990	U	930	U	500	U	700	U	370	U
Hexachlorobenzene	330	990	990	U	930	U	500	U	700	U	370	U
Pentachlorophenol	800	2400	2400	U	2300	U	1200	U	1700	U	890	U
Phenanthrene	330	100	990	U	930	U	130	U	700	U	370	U
Anthracene	330	990	990	U	1500	U	28	U	11	U	370	U
Carbazole	330	10	990	U	830	U	15	U	8	U	370	U
Di-n-butylphthalate	330	990	990	U	930	U	500	U	39	U	22	U
Fluoranthene	330	230	990	U	8400	U	260	U	700	U	370	U
Pyrene	330	110	990	U	5400	U	160	U	700	U	370	U
Butylbenzylphthalate	330	990	990	U	930	U	500	U	700	U	370	U
3,3'-Dichlorobenzidine	330	990	990	U	930	U	500	U	700	U	370	U
Benzo(a)Anthracene	330	210	990	U	2700	U	120	U	700	U	370	U
Chrysene	330	210	990	U	3100	U	210	U	30	U	20	U
bis(2-Ethylhexyl)phthalate	330	990	990	U	930	U	500	U	700	U	370	U
Di-n-octylphthalate	330	990	990	U	930	U	500	U	2	U	370	U
Benzo(b)Fluoranthene	330	150	990	U	1500	U	160	U	700	U	370	U
Benzo(k)Fluoranthene	330	130	990	U	1300	U	130	U	700	U	370	U
Benzo(a)Pyrene	330	70	990	U	1500	U	85	U	700	U	370	U
Indeno(1,2,3-c,d)Pyrene	330	990	990	U	1100	U	110	U	700	U	370	U
Dibenz(a,h)Anthracene	330	990	990	U	200	U	500	U	700	U	370	U
Benzo(g,h,i)perylene	330	990	990	U	240	U	31	U	700	U	370	U
Dilution Factor:	2.00	67	2.00	71	2.00	94	1.00	66	2.00	94	1.00	90
Percent Solids:	67		66		66				66		65	
Associated Method Blank:	B0893		B0893		B0893		B0893		F3117		F3117	
Associated Equipment Blank:	SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX		SAQS102XXX92XX	
Associated Field Blank:												

Site: WASTE PILE

#: Level IV Validation

U: Not Detected

JJ: Estimated below CRQL

J: Estimated

B: Blank Contamination

D: Diluted Result

E: Exceeds Calibration Range

R: Unusable

-: Not Detected

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	1300 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
U: Not Detected
J: Estimated
JJ: Estimated below CRQL
B: Blank Contamination
D: Diluted Result
E: Exceeds Calibration Range
R: Unusable
-: Not Detected

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 1

SAMPLE LOCATION:		SOW-3/90 - II		ANALYTE		CRQL		
LAB NUMBER:	DATE SAMPLED:	SAMWJ2AXX492XX	SAMWJ14NX2092XX	SAMWJ12X1792XX	SAMWJ1AX0592XX	SAMWJ4AX1092XX	SAMWJ5AX2292XX	SAMWJX1X1392XX
		482201 #	480007 #	480011 #	480005 #	480008 #	480010 #	480004 #
		11/18/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92	11/17/92
Aluminum	200	2230	45.0 U	3100	46.5 □	45.0 U	45.0 U	183 □
Antimony	60	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U	39.8 □	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
Barium	200	44.5 □	125 □	97.9 □	21.3 □	130 □	79.0 □	35.8 □
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 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	5000	95100	138000	167000	87000	694000	90300	168000
Chromium	10	161	5.0 U	23.9	5.0 U	1480	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
Copper	25	18.7 □	4.0 U	8.9 □	51.7	8.0 □	4.0 U	4.0 U
Iron	100	3270 N	413 N	6030 N	911 N	29.0 UN	17300 N	746 N
Lead	3	21.6 UN	12.0 UN	12.0 UN	12.4 UN	3.0 UN	3.9 UN	12.0 UN
Magnesium	5000	64500	62000	90200	1620 □	1200 U	42600	76600
Manganese	15	148	116	505	11.3 □	5.0 U	237	42.4
Mercury	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.79	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
Potassium	5000	3380 □	2070 □	8950	392000	11100	6190	921 □
Selenium	5	5.0 U	5.0 U	5.0 U	5.0 UW	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
Sodium	5000	9790	55400	126000	251000	37200	41000	45700
Thallium	10	5.0 U	5.0 U	5.0 U	5.0 UW	5.0 UW	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 □
Zinc	20	64.8	653	49.4	474	5.0 U	5.0 U	477
Cyanide	10	10.0 U	10.0 U	10.0 U	540	10.0 U	10.0 U	10.0 U

PB825
SAQS103XX92XX

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
 J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected
 []: Less than CRQL

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 UMN
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
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAMW12AXX492XX		SAMW14NX2092XX		SAMWJ12X1792XX		SAMWJ1AX0592XX		SAMWJ4AX1092XX		SAMWJ5AX2292XX		SAMWJX1X1392XD		SAMWJX1X1392XX	
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 U	45.0 U	39.0 U	39.0 U	45.0 U	39.8 U	421 J	183 U	39.0 U	39.0 U	183 U
Antimony	60	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U	39.0 U	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 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	200	44.5 U	125 U	97.9 U	21.3 U	130 U	130 U	130 U	79.0 U	79.0 U	35.8 U	31.3 U	35.8 U	31.3 U	31.3 U
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	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	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	694000	694000	90300	90300	172000	168000	172000	168000	168000
Chromium	10	161 J	5.0 UJ	23.9 J	5.0 UJ	1480 J	5.0 UJ	1480 J	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Cobalt	50	11.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	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 U	4.0 U	8.9 U	51.7 U	8.0 U	8.0 U	8.0 U	4.0 U	4.0 U	4.0 U	6.3 U	4.0 U	4.0 U	6.3 U
Iron	100	3270 R	413 R	6030 R	911 R	29.0 U	29.0 U	29.0 U	17300 R	17300 R	746 R	324 R	746 R	324 R	324 R
Lead	3	21.6 R	12.0 UR	12.0 UR	12.4 R	3.0 UR	3.0 UR	3.0 UR	3.9 R	3.9 R	12.0 UR	12.0 UR	12.0 UR	12.0 UR	12.0 UR
Magnesium	5000	64500	62000	90200	1620 U	1200 U	1200 U	1200 U	42600	42600	78700	76600	78700	76600	76600
Manganese	15	148	116	505	11.3 U	5.0 U	5.0 U	5.0 U	237	237	42.4 J	22.6 J	42.4 J	22.6 J	22.6 J
Mercury	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.79 U	0.79 U	0.79 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	40	23.5 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
Potassium	5000	3380 U	2070 U	8950 U	392000	5.0 UJ	5.0 UJ	5.0 UJ	6190	6190	921 U	1320 U	921 U	1320 U	1320 U
Selenium	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	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	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	37200	37200	41000	41000	45700	48800	45700	48800	48800
Thallium	10	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vanadium	50	5.5 U	5.1 U	9.8 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.2 U	5.0 U	5.0 U
Zinc	20	64.8	653	49.4	474	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	477	579	477	579	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	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U

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

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
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 2
Validation / Summary TableSAMPLE LOCATION: SAMWXX5XX792XX
LAB NUMBER: 480009 #
DATE SAMPLED: 11/17/92

ANALYTE	SOM-3/90 - II	CRQL
Aluminum	200	90.4 U
Antimony	60	39.0 U
Arsenic	10	5.0 U
Barium	200	72.3 U
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 U
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
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 1

SAMPLE LOCATION: SALT101XXX92XX
LAB NUMBER: 451401 #
DATE SAMPLED: 10/26/92

ANALYTE	SOW-3/90 - II	CRQL
Aluminum		200
Antimony		60
Arsenic		10
Barium		200
Beryllium		5
Bismuth		5
Cadmium		5000
Calcium		10
Chromium		50
Cobalt		25
Copper		100
Iron		3
Lead		5000
Magnesium		15
Manganese		0.2
Mercury		40
Nickel		5000
Potassium		5
Selenium		10
Silver		5000
Sodium		10
Thallium		50
Vanadium		20
Zinc		10
Cyanide		

PB796W PB796W PB796W

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
 J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

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	459
Antimony	60	39.0 U	39.0 U
Arsenic	10	30.1 J	24.5 J
Barium	200	29.7 □	41.8 □
Beryllium	5	1.0 U	1.0 U
Cadmium	5	3.0 UJ	3.0 UJ
Calcium	5000	77700	52900
Chromium	10	13.7 J	11.3 J
Cobalt	50	5.0 U	5.0 U
Copper	25	4.0 U	5.2 □
Iron	100	54.7 □	498
Lead	3	3.0 UJ	3.0 UJ
Magnesium	5000	125000	20700
Manganese	15	75.0	22.8
Mercury	0.2	0.20 U	0.20 U
Nickel	40	19.0 U	19.0 U
Potassium	5000	268000	78200
Selenium	5	28.0 R	120 R
Silver	10	4.0 U	4.0 U
Sodium	5000	182000	33400
Thallium	10	50.0 UR	5.0 UR
Vanadium	50	5.0 U	5.0 U
Zinc	20	5.0 U	11.0 □
Cyanide	10	10.0 U	10.0 U

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

PB796W

96279Bd

PB796W

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
J:	Estimated	R:	Unusable	N:	Spike Recovery not Met	W:	Post Digestion Spike not Met
						-:	Not Detected

☐: Less than CRQL

Table 1
Laboratory Report of AnalysisSAMPLE 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		
Antimony	60		
Arsenic	10		
Barium	200		
Beryllium	5		
Cadmium	5		
Calcium	5000		
Chromium	10		
Cobalt	50		
Copper	25		
Iron	100		
Lead	3		
Magnesium	5000		
Manganese	15		
Mercury	0.2		
Nickel	40		
Potassium	5000		
Selenium	5		
Silver	10		
Sodium	5000		
Thallium	10		
Vanadium	50		
Zinc	20		
Cyanide	10		

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

PB792W

PB792W

PB825

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
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 #			SASW102XXX92XD			SASW102XXX92XX			SASW103XXX92XX			SASW104XXX92XX			SASW105XXX92XX			SASW106XXX92XX				
	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	
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	U	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	U	5.0	U	154	U	5.0	U	755	U	5.0	U	357	U								
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	□	2180	□	17200	□	1200	U	11000	□	1200	U								
Manganese	15	27.2	*	5.0	U*	34.2	*	155	U	5.0	U*	151	U	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	U	7.4	U	50.0	UW	33.0	S	5.0	UW	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	UW	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:

Associated Equipment Blank:

Associated Field Blank:

PB792W

PB792W

PB792W

PB796W

PB792W

PB796W

PB796W

Site: SURFACE WATER #: Level IV Validation

U: Not Detected E: Interference M: Duplicate Injection Precision not Met

J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met

*: Duplicate Analysis not Met

+: Coefficient <0.995

S: Method of Standard Additions

□: Less than CRQL

-: Not Detected

Table 2
Validation / 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
SOM-3/90 - II		CRQL					
ANALYTE		-----					
Aluminum	200	82.1 U	45.0 U	179 U	51.0 U	128 U	188 U
Antimony	60	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 U	5.0 U	5.0 U
Barium	200	45.4 U	10.0 U	90.8 U	35.6 U	346 U	49.4 U
Beryllium	5	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
Calcium	5000	38600 J	717 U	64600 J	69100 U	460000 J	33700 U
Chromium	10	11.8 R	5.0 U	154 R	5.0 U	755 R	5.0 U
Chromium	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	25	5.8 U	10.6 U	14.4 U	4.0 U	13.4 U	4.0 U
Copper	100	159 U	55.2 U	102 U	78.6 U	64.4 U	951 U
Iron	3	3.0 U	3.0 U	3.0 U	3.0 U	3.5 J	9.2 J
Lead	5000	7130 U	1200 U	2180 U	17200 U	1200 U	11000 U
Magnesium	15	27.2 J	5.0 U	34.2 J	155 U	5.0 U	151 U
Manganese	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Mercury	40	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
Nickel	5000	4850 U	1080 U	29000 J	6910 U	53300 J	5290 U
Potassium	5	5.0 U	6.8 U	7.4 U	50.0 U	33.0 U	5.0 U
Selenium	10	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Silver	5000	22400 U	477 U	39800 J	13400 U	65700 U	8540 U
Sodium	10	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Thallium	50	5.0 U	5.8 U	5.0 U	5.0 U	5.0 U	5.0 U
Vanadium	20	8.1 U	5.0 U	12.4 U	5.0 U	5.0 U	40.4 U
Zinc	10	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Cyanide							

Associated Method Blank: PB792W PB792W PB792W PB792W PB792W 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

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)

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	19900	40
Antimony	18.6	12
Arsenic	28.9 +	2
Barium	153 *	40
Beryllium	1.1	1
Cadmium	0.88 U	1
Calcium	56500	1000
Chromium	63.3	2
Cobalt	13.3	10
Copper	24.5	5
Iron	26600	20
Lead	617	0.6
Magnesium	12300	1000
Manganese	583	3
Mercury	0.24	0.04
Nickel	28.1	8
Potassium	4910	1000
Selenium	1.5	1
Silver	1.2 U	2
Sodium	366	1000
Thallium	1.5 UWN	2
Vanadium	40.5	10
Zinc	66.7	4
Cyanide	0.53 U	2

Percent Solids: 68 46 43 53 51 33 56

Associated Method Blank: PB792S PB792S PB792S PB792S PB792S PB796S PB796S
Associated Equipment Blank: SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX
Associated Field Blank: SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX

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)

Table 2
Validation / Summary Table

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	SOM-3/90 - II	CRQL
Aluminum	19900	40
Antimony	18.6	12
Arsenic	28.9	2
Barium	153	40
Beryllium	1.1	1
Cadmium	0.88	1
Calcium	56500	1000
Chromium	63.3	2
Cobalt	13.3	10
Copper	24.5	5
Iron	26600	20
Lead	617	0.6
Magnesium	12300	1000
Manganese	583	3
Mercury	0.24	0.04
Nickel	28.1	8
Potassium	4910	1000
Selenium	1.5	1
Silver	1.2	2
Sodium	366	1000
Thallium	1.5	2
Vanadium	40.5	10
Zinc	66.7	4
Cyanide	0.53	2

Percent Solids:

Associated Method Blank: PB792S PB792S PB792S PB792S PB792S PB796S PB796S
Associated Equipment Blank: SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX
Associated Field Blank: PB792S PB792S PB792S PB792S PB792S PB796S PB796S

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
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected []: Less than CRQL

Table 1
Laboratory Report of Analysis

ANALYTE		SOW-3/90 - II		CRQL	
Aluminum	40	3180	13500	5590	254
Antimony	12	17.8	30.6	44.6	8.3
Arsenic	2	1.6	6.6	30.4	1.1
Barium	40	37.5	58.9	51.4	5.3
Beryllium	1	0.30	0.66	0.30	0.21
Cadmium	1	0.89	0.85	0.91	0.64
Calcium	1000	3140	107000	39100	1170
Chromium	2	701	2060	1630	10.7
Cobalt	10	2.4	42.6	38.3	1.3
Copper	5	93.7	80.8	158	2.2
Iron	20	17100	19800	27000	2110
Lead	0.6	19.4	400	546	2.2
Magnesium	1000	12000	40600	16300	278
Manganese	3	1320	2040	3350	53.6
Mercury	0.04	0.15	0.14	0.19	0.11
Nickel	8	38.9	1110	879	7.4
Potassium	1000	2270	1820	3020	163
Selenium	1	1.5	1.7	2.9	1.1
Silver	2	1.2	1.1	1.2	0.85
Sodium	1000	408	503	653	68.1
Thallium	2	1.5	1.4	1.5	1.1
Vanadium	10	1.9	77.5	32.5	1.4
Zinc	4	280	316	351	8.2
Cyanide	2	0.74	0.71	0.65	0.58
Percent Solids:		67	71	66	94
Associated Method Blank:		PB792S	PB792S	PB792S	PB792S
Associated Equipment Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
Associated Field Blank:		SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX	SAQS102XXX92XX
SAMPLE LOCATION: SAWT101XXX92XX		SAWT101XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX
LAB NUMBER: 452404		452404	452405	454404	454401
DATE SAMPLED: 10/27/92		10/27/92	10/27/92	10/28/92	10/28/92
SAWT106XXX92XX		SAWT106XXX92XX	SAWT106XXX92XX	SAWT106XXX92XX	SAWT106XXX92XX
LAB NUMBER: 454402		454402	454403	454402	454402
DATE SAMPLED: 10/28/92		10/28/92	10/28/92	10/28/92	10/28/92
SAWT107XXX92XX		SAWT107XXX92XX	SAWT107XXX92XX	SAWT107XXX92XX	SAWT107XXX92XX
LAB NUMBER: 455707		455707	455707	455707	455707
DATE SAMPLED: 10/29/92		10/29/92	10/29/92	10/29/92	10/29/92

Associated Method Blank: PB792S
Associated Equipment Blank: SAQS102XXX92XX
Associated Field Blank: SAQS102XXX92XX

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	SOM-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
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Table 2
Validation / Summary Table

SAMPLE LOCATION: SAUT101XXX92XX		SAUT102XXX92XX		SAUT103XXX92XX		SAUT104XXX92XX		SAUT105XXX92XX		SAUT106XXX92XX		SAUT107XXX92XX	
LAB NUMBER: 452404		452405		452407		454404		454401		454402		455707 #	
DATE SAMPLED: 10/27/92		10/27/92		10/27/92		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	22.3	60.6	38.1	23.5				J
Arsenic	2	1.6	6.6	30.4	1.1	24.2	1.4	1.1	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	0.66	0.30	0.21	1.1	0.86	0.44	0.77				J
Cadmium	1	0.89	0.85	0.91	0.64	0.67	0.86	0.67	2.0				J
Calcium	1000	3140	107000	39100	1170	5370	203000	162000	189000				J
Chromium	2	701	2060	1630	10.7	130	4980	2400	1030				J
Cobalt	10	2.4	42.6	38.3	1.3	13.0	5.0	3.7	3.2				J
Copper	5	93.7	80.8	158	2.2	1640	9.6	7.7	7.7				J
Iron	20	17100	19800	27000	2110	30200	3360	2390	2850				J
Lead	0.6	19.4	400	546	2.2	4.2	6.8	3.9	6.0				J
Magnesium	1000	12000	40600	16300	278	354	76900	56600	71200				J
Manganese	3	1320	2040	3350	53.6	7190	354	334	288				J
Mercury	0.04	0.15	0.14	0.19	0.11	0.11	0.14	0.11	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	170	220	170	386				J
Selenium	1	1.5	1.7	2.9	1.1	1.1	1.4	1.1	15.5				UR
Silver	2	1.2	1.1	1.2	0.85	1.0	1.1	0.89	1.2				U
Sodium	1000	408	503	653	68.1	836	213	215	99.2				U
Thallium	2	1.5	1.4	1.5	1.1	5.5	1.4	1.1	1.5				UJ
Vanadium	10	1.9	77.5	32.5	1.4	5.4	69.0	42.7	39.8				R
Zinc	4	280	316	351	8.2	19.2	12.1	9.7	43.6				U
Cyanide	2	0.74	0.71	0.65	0.58	0.62	0.76	0.48	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

Inorganic Soil Analysis (mg/kg)

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

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

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAMW12AX4X92XX SAMW14NX2092XX SAMW12X1792XX SAMW11AX0592XX SAMW4AX1092XX SAMW5AX2292XX 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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Aqueous Analysis (mg/L)

27-Jan-93

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: SAGS103XXX92XX
Associated Field Blank: -

Site: MONITORING WELL

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SAMW12AX4X92XX	SAMW14NX2092XX	SAMW12X1792XX	SAMW1AX0592XX	SAMW4AX1092XX	SAMW5AX2292XX	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
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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
Associated Field Blank:

Site: MONITORING WELL U: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Aqueous Analysis (mg/L)

27-Jan-93

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

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	PB14514W	
Associated Equipment Blank:	-	-	-	-	
Associated Field Blank:	-	-	-	-	

Site: LEACHATE U: 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
Associated Equipment Blank: -
Associated Field Blank: -

BK14524W
PB14557W
BK14524W
PB14557W
PB14557W
PB14557W

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:
Associated Equipment Blank:
Associated Field Blank:

BK14524W	-	-	PB14544CR	-	-	BK14524W	-	-
-	-	-	-	-	-	PB14557W	-	-
-	-	-	-	-	-	-	-	-

Site: SURFACE WATER

U: 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
Associated Method Blank:	PB14544CR
Associated Equipment Blank:	-
Associated Field Blank:	-

Site: EQUIPMENT RINSATE

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
Percent Solids:	68
Associated Method Blank:	BK14524S
Associated Equipment Blank:	SAQS101XXX92XX
Associated Field Blank:	

Site: SEDIMENT

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAWT101XXX92XX SAWT102XXX92XX SAWT103XXX92XX SAWT104XXX92XX SAWT105XXX92XX SAWT106XXX92XD SAWT107XXX92XX
LAB NUMBER: 1452404 1452405 1452407 1454404 1454401 1454403 1455707
DATE SAMPLED: 10/27/92 10/27/92 10/27/92 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 11/02/92

ANALYTE	RL
Hexavalent Chromium	0.20
Percent Solids:	67 71 66 94 90 70 65
Associated Method Blank:	BK14524S BK14524S PB14544CR PB14544CR PB14544CR PB14544CR PB14557S
Associated Equipment Blank:	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: SAGS102XXX92XX	
Associated Field Blank: -	

Site: WASTE PILE

Miscellaneous Soil Analysis (mg/kg)

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

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 PB14544CR PB14544CR PB14544CR PB1457S									
Associated Equipment Blank: 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: SAGS102XXX92XX	
Associated Field Blank: -	

Site: WASTE PILE

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
Barium	10.0
Bismuth	3.0
Cadmium	3.0
Chromium	5.0
Copper	40.0
Lead	0.20
Mercury	0.20
Selenium	51.0
Silver	4.0

Associated Method Blank:	PB792EP	PB792EP	PB792EP	BKSDG796EP	BKSDG796EP
Associated Equipment Blank:	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-

site: SEDIMENT
 Note: EPTOX ANALYSIS
 U: Not Detected N: Spike Recovery not Met E: Interference [: Less than CRQL

Table 2
Validation / Summary Table

SAMPLE LOCATION:	SASD101XXX92XX	SASD102XXX92XD	SASD102XXX92XX	SASD102XXX92XX	SASD103XXX92XX	SASD104XXX92XX	SASD105XXX92XX	SASD106XXX92XX
LAB NUMBER:	E52403	E54408	E54405	E54406	E55704	E52406	E55705	E55706
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
ANALYTE	RL							
Arsenic	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U
Barium	596 J	208 J	198 □ J	778	638 J	767	524	524
Cadmium	3.0 U	3.0 U	3.0 U	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ
Chromium	5.0 U	28.6 J	26.8 J	5.0 U	63.8 J	5.0 U	39.5	39.5
Pb	40.0 U	40.0 U	40.0 U	40.0 UJ	40.0 U	40.0 UJ	40.0 UJ	40.0 UJ
Mercury	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ
Selenium	51.0 UJ	51.0 UJ	101 J	51.0 U	51.0 UJ	51.0 U	51.0 U	51.0 U
Silver	4.0 U	4.0 U	4.0 U	4.0 UJ	4.0 UJ	4.0 U	4.0 UJ	4.0 UJ

Site: SEDIMENT
Note: EPTOX ANALYSIS

U: Not Detected J: Interference □: Less than CROL

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XX	SAWT106XXX92X0	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	62.7	43.0 U	43.0 U	43.0 U	43.0 U	43.0 U
Barium	10.0	613 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
Chromium	5.0	93.4 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
Mercury	0.20	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UN	0.20 UN
Selenium	51.0	51.0 U	0.20 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	9.4 IJ	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

Table 2
Validation / Summary Table

ANALYTE	RL	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	10/28/92	10/29/92
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	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 U	3.0 U
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 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 U	0.20 U
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 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 U	4.0 U

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Site: WASTE PILE
Note: EPTOX ANALYSIS

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Aqueous Analysis (ug/L)

04-Feb-93

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

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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Aqueous Analysis (mg/L)

27-Jan-93

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

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

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 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 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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Miscellaneous Soil Analysis

27-Jan-93

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: SAWT108XX92XX
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 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
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)

9.90

Percent Solids:

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

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	SAWT102XXX92XX
SASD104XXX92XX	SAWT103XXX92XX
SAWT101XXX92XX	

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				
C13H100 Hydrocarbon				220 J
C17H12 Unknown PAH		1000 J		1700 J(3)
C18H12 Unknown PAH				360 J
C20H12 Unknown PAH				2600 J(2)

	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)	320 J
Unknown Acid		260 J
Unknown Alkane		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	SALT103XXX92XX
SALT102XXX92XX	SALT103XXX92XXRE

SEMIVOLATILE

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SALT101XXX92XX	SALT103XXX92XX
SALT102XX92XX	

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	SASW102XXX92XX
SAQS102XXX92XX	SASW102XXX92XD
SAQT101XXX92XX	

SEMIVOLATILE

	SAQS101XXX92XX	SASW102XXX92XX	SASW102XXX92XD
Unknown Alkane	79 J		12 J(2)
Unknown Aromatic		9 J(3)	
Unknown Acid			5 J

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

SAQS102XXX92XX	SAQS102XXX92XXRE
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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
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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)
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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	SAWT107XXX92XX
SASD105XXX92XX	SAWT108XXX92XX
SASD106XXX92XX	

SEMIVOLATILE

	SASD103XXX92XX	SASD105XXX92XX	SASD106XXX92XX	SASD107XXX92XX
Hexadecanoic Acid	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
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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

Table 3
Summary Table

ANALYTE		SOW-3/90 - II CRQL									
		10	-	-	-	-	-	-	-	-	-
Chloromethane		10	-	-	-	-	-	-	-	-	-
Bromomethane		10	-	-	-	-	-	-	-	-	-
Vinyl Chloride		10	-	-	7 JJ	-	-	-	-	-	-
Chloroethane		10	-	-	-	-	-	-	-	-	-
Methylene Chloride		10	-	-	-	-	-	-	-	-	-
Acetone		10	-	-	-	-	-	-	-	-	-
Carbon Disulfide		10	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene		10	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane		10	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)		10	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		10	-	-	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	-	-	-	-	-	-	-	-	-
Dibromochloromethane		10	-	-	21	-	-	-	-	-	-
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	1.00	1.00
Associated Method Blank:		D3224	D3224	D3224	D3224	D3224	D3224	D3224	D3224	D3208	D3208
Associated Equipment Blank:		SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX	SAQS103XXX92XX
Associated Field Blank:		-	-	-	-	-	-	-	-	-	-
Associated Trip Blank:		SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX	SAQT103XXX92XX

Site: MONITORING WELL

#: Level IV Validation

U: Not Detected

J: Estimated

B: Blank Contamination

D: Diluted Result

-: Not Detected

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
 U: Not Detected JJ: Estimated below CRQL B: Blank Contamination D: Diluted Result --: Not Detected
 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	-	-	5 JJ
Bromomethane	10	-	-	-
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	-	-	2 JJ
Toluene	10	-	-	-
Chlorobenzene	10	-	-	-
Ethylbenzene	10	-	-	-
Styrene	10	-	-	-
Total Xylenes	10	-	-	-
Dilution Factor:				1.00

Associated Method Blank:
 Associated Equipment Blank:
 Associated Field Blank:
 Associated Trip Blank:

D2795 D2795 C9722
 - - -
 - - -

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: SASW101XXX92XX SASW102XXX92XD SASW103XXX92XX SASW104XXX92XX SASW105XXX92XX SASW106XXX92XX
 LAB NUMBER: 1452401 # 1454412 # 1455702 # 1452402 # 1455703 # 1455701 #
 DATE SAMPLED: 10/27/92 10/28/92 10/29/92 10/27/92 10/29/92 10/29/92
 DATE ANALYZED: 11/05/92 11/04/92 11/06/92 11/05/92 11/06/92 11/06/92

ANALYTE	SOM-3/90 - II	CRQL	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
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	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	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 1.00 1.00 1.00											
Associated Method Blank:	D2868	D2843	D2843	D2888	D2868	D2888	D2888	D2888	D2888	D2888	D2888
Associated Equipment Blank:	-	-	-	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-	-	-	-
Associated Trip 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		SAMPLE LOCATION:		SASD101XXXX92XX		SASD102XXXX92XD		SASD103XXXX92XX		SASD104XXXX92XX		SASD105XXXX92XX		SASD106XXXX92XX	
	LAB NUMBER:	1452403 #	DATE SAMPLED:	10/27/92	DATE ANALYZED:	11/03/92	10/27/92	11/03/92	10/28/92	11/04/92	10/28/92	11/04/92	10/27/92	11/03/92	10/29/92	11/06/92	10/29/92	11/06/92
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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		68	46	43	51	53	51	33	56	56	56	56	56	56	56	56	56	56
Associated Method Blank:		K4487	E8327	E8327	E8327	E8370	K4487	E8356	E8370	E8370	E8356	E8370	E8356	E8370	E8356	E8370	E8356	E8370
Associated Equipment Blank:		SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX	SAQS101XXXX92XX
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 3
Summary Table

ANALYTE	SOW-3/90 - II	CRQL	SAMPLE LOCATION: SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XX	SAWT107XXX92XX
			LAB NUMBER: 1452404 #	1452405 #	1452407 #	1454404 #	1454401 #	1454403 #	1455707 #
			DATE SAMPLED: 10/27/92	10/27/92	10/27/92	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	11/06/92
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	1.00
Percent Solids:	67	71	66	94	90	70	90	65	65
Associated Method Blank:	K4487	K4487	K4487	E8327	E8327	E8327	E8327	E8370	E8370
Associated Equipment Blank:	SAQS102XXX92XX	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
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
Percent Solids:		63
=====		
Associated Method Blank:		E8370
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

SAMPLE	LOCATION:	SAMW12AXX492XX	SAMW14WX2092XX	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	11/21/92	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

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

Table 3
Summary Table

ANALYTE	SOW-3/90 - II	CRQL	SAMPLE LOCATION: SAMW12AXX492XX	SAMW14NX2092XX	SAMW12X1792XX	SAMW1AX0592XX	SAMW5AX2292XX	SAMWXX1X1392XD	SAMWXX1X1392XX
			LAB NUMBER: 1482201 #	LAB NUMBER: 1480007	DATE SAMPLED: 11/18/92	DATE SAMPLED: 11/17/92	DATE SAMPLED: 11/17/92	DATE SAMPLED: 11/17/92	DATE SAMPLED: 11/17/92
			DATE EXTRACTED: 11/22/92	DATE EXTRACTED: 11/21/92	DATE EXTRACTED: 11/22/92	DATE EXTRACTED: 11/21/92	DATE EXTRACTED: 11/21/92	DATE EXTRACTED: 11/21/92	DATE EXTRACTED: 11/21/92
			DATE ANALYZED: 12/19/92	DATE ANALYZED: 11/29/92	DATE ANALYZED: 12/19/92	DATE ANALYZED: 11/29/92	DATE ANALYZED: 11/30/92	DATE ANALYZED: 11/29/92	DATE ANALYZED: 11/29/92
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		-	-	-	-	-	-	-
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: B1457 H8989 B1457 H8989 H8989 H8989 H8989 H8989 H8989
Associated Equipment Blank: SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX
Associated Field Blank:

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

Semivolatile Organic Aqueous Analysis (ug/L)

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc. Semivolatle Organic Aqueous Analysis (ug/L)

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	25	-
2,4,5-Trichlorophenol	10	-
2-Chloronaphthalene	25	-
2-Nitroaniline	10	-
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: SALT101XX92XX SALT102XX92XX SALT103XX92XX
 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:
 Associated Equipment Blank:
 Associated Field Blank:

B0813 B0813 B0813
 - - -
 - - -

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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Semivolatiles Organic Aqueous Analysis (ug/L)

Table 3
Summary Table

ANALYTE	SOW-3/90 - II	CRQL	SAMPLE LOCATION: SASW101XXX92XX	SASW102XXX92XD	SASW102XXX92XX	SASW102XXX92XX	SASW103XXX92XX	SASW104XXX92XX	SASW105XXX92XX	SASW106XXX92XX
			LAB NUMBER: 1452401 #	1454412 #	1454409 #	1455702 #	1455702 #	1452402 #	1455703 #	1455701 #
			DATE SAMPLED: 10/27/92	10/28/92	10/28/92	10/29/92	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	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	11/12/92	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

ANALYTE	SOW-3/90 - II		CRQL		SAMPLE LOCATION:		SASW101XXX92XX		SASW102XXX92XD		SASW102XXX92XX		SASW103XXX92XX		SASW104XXX92XX		SASW105XXX92XX		SASW106XXX92XX	
	LAB NUMBER:	DATE SAMPLED:	DATE EXTRACTED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE EXTRACTED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE EXTRACTED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE EXTRACTED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE EXTRACTED:	DATE ANALYZED:
3-Nitroaniline	25	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Acenaphthene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
2,4-Dinitrophenol	25	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
4-Nitrophenol	25	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Dibenzofuran	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
2,4-Dinitrotoluene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Diethylphthalate	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
4-Chlorophenyl-phenylether	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Fluorene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
4-Nitroaniline	25	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
4,6-Dinitro-2-methylphenol	25	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
N-Nitrosodiphenylamine	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
4-Bromophenyl-phenylether	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Hexachlorobenzene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Pentachlorophenol	25	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Phenanthrene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Anthracene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Carbazole	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Di-n-butylphthalate	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Fluoranthene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Pyrene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Butylbenzylphthalate	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
3,3'-Dichlorobenzidine	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Benzo(a)Anthracene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Chrysene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
bis(2-Ethylhexyl)phthalate	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Di-n-octylphthalate	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Benzo(b)Fluoranthene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Benzo(k)Fluoranthene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Benzo(a)Pyrene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Indeno(1,2,3-c,d)Pyrene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Dibenz(a,h)Anthracene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92
Benzo(g,h,i)perylene	10	-	-	-	1452401 #	10/27/92	10/30/92	11/10/92	1454412 #	10/28/92	11/02/92	11/06/92	1454409 #	10/28/92	11/02/92	11/06/92	1455702 #	10/29/92	11/04/92	11/12/92

Dilution Factor:

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

Table 3
Summary Table

SAMPLE	LOCATION:	LAB NUMBER:	DATE SAMPLED:	DATE EXTRACTED:	DATE ANALYZED:	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
						-	-	-	-	-	-	34 JJ
	Phenol					-	-	-	-	-	-	-
	bis(2-Chloroethyl)ether					-	-	-	-	-	-	-
	2-Chlorophenol					-	-	-	-	-	-	-
	1,3-Dichlorobenzene					-	-	-	-	-	-	-
	1,4-Dichlorobenzene					-	-	-	-	-	-	-
	1,2-Dichlorobenzene					-	-	-	-	-	-	-
	2-Methylphenol					-	-	-	-	-	-	10 JJ
	2,2'-oxybis(1-Chloropropane)					-	-	-	-	-	-	-
	4-Methylphenol	39 JJ				-	-	25 JJ	-	-	430 JJ	26 JJ
	N-Nitroso-di-n-propylamine	-				-	-	-	-	-	-	-
	Hexachloroethane	-				-	-	-	-	-	-	-
	Nitrobenzene	-				-	-	-	-	-	-	-
	Isophorone	-				-	-	-	-	-	-	-
	2-Nitrophenol	-				-	-	-	-	-	-	-
	2,4-Dimethylphenol	-				-	-	-	-	-	-	21 JJ
	bis(2-Chloroethoxy)methane	-				-	-	-	-	-	-	-
	2,4-Dichlorophenol	-				-	-	-	-	-	-	-
	1,2,4-Trichlorobenzene	-				-	-	-	-	-	19 JJ	150 JJ
	Naphthalene	50 JJ				-	-	290 JJ	-	43 JJ	-	-
	4-Chloroaniline	-				-	-	-	-	-	-	-
	Hexachlorobutadiene	-				-	-	-	-	-	-	-
	4-Chloro-3-Methylphenol	-				-	-	-	-	-	-	-
	2-Methylnaphthalene	-				-	-	120 JJ	15 JJ	20 JJ	-	-
	Hexachlorocyclopentadiene	-				-	-	-	-	-	-	-
	2,4,6-Trichlorophenol	-				-	-	-	-	-	-	-
	2,4,5-Trichlorophenol	-				-	-	-	-	-	-	-
	2-Chloronaphthalene	-				-	-	-	-	-	-	-
	2-Nitroaniline	-				-	-	-	-	-	-	-
	Dimethylphthalate	-				-	-	-	-	-	-	-
	Acenaphthylene	-				-	-	-	-	-	-	-
	2,6-Dinitrotoluene	-	8 JJ			-	-	-	1 JJ	-	11 JJ	76 JJ
		-	-			-	-	-	-	-	-	-

Site: SEDIMENT

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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Semivolatiles Organic Soil Analysis (ug/kg)

Table 3
Summary Table

SAMPLE LOCATION:		SASD101XXXX92XX	SASD102XXXX92XD	SASD102XXXX92XX	SASD103XXXX92XX	SASD104XXXX92XX	SASD105XXXX92XX	SASD106XXXX92XX
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	10/27/92	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	-	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	-	140 JJ	260 JJ	64 JJ	28 JJ	41 JJ	240 JJ
Fluorene	330	-	-	-	-	-	-	-
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 JJ	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	64 JJ	1000 J	2700 J	610 JJ	300 JJ	280 JJ	960 J
Chrysene	330	-	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:		SASQ101XXXX92XX	SASQ101XXXX92XX	SASQ101XXXX92XX	SASQ101XXXX92XX	SASQ101XXXX92XX	SASQ101XXXX92XX	SASQ101XXXX92XX
Associated Field Blank:		-	-	-	-	-	-	-

Site: SEDIMENT
#: Level IV Validation
U: Not Detected JJ: Estimated below CRQL E: Exceeds Calibration Range D: Diluted Result -: Not Detected

Table 3
Summary Table

ANALYTE	SOW-3/90 - II		CROL									
	DATE SAMPLED:	DATE ANALYZED:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT106XXX92XX	SAWT107XXX92XX		
Phenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
bis(2-Chloroethyl)ether	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2-Chlorophenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
1,3-Dichlorobenzene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
1,4-Dichlorobenzene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
1,2-Dichlorobenzene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2-Methylphenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2,2'-oxybis(1-Chloropropane)	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
4-Methylphenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
N-Nitroso-di-n-propylamine	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
Hexachloroethane	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
Nitrobenzene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
Isophorone	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2-Nitrophenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2,4-Dimethylphenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
bis(2-Chloroethoxy)methane	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2,4-Dichlorophenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
1,2,4-Trichlorobenzene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
Naphthalene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
4-Chloroaniline	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
Hexachlorobutadiene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
4-Chloro-3-Methylphenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2-Methylnaphthalene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
Hexachlorocyclopentadiene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2,4,6-Trichlorophenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2,4,5-Trichlorophenol	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2-Chloronaphthalene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2-Nitroaniline	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
Dimethylphthalate	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
Acenaphthylene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	
2,6-Dinitrotoluene	1452404 #	10/27/92	1452405 #	10/27/92	1452407 #	10/27/92	1454401 #	10/28/92	1454402 #	10/28/92	1455707 #	

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

Table 3
Summary Table

SAMPLE LOCATION: SAUT101XXX92XX		SOW-3/90 - II		CRQL	
LAB NUMBER:	1452404 #	DATE SAMPLED:	10/27/92	DATE EXTRACTED:	10/29/92
DATE ANALYZED:	11/11/92				
ANALYTE					
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				
Anthracene	330				
Carbazole	330				
Di-n-butylphthalate	330				
Fluoranthene	330				
Pyrene	330				
Butylbenzylphthalate	330				
3,3'-Dichlorobenzidine	330				
Benzo(a)Anthracene	330				
Chrysene	330				
bis(2-Ethylhexyl)phthalate	330				
Di-n-octylphthalate	330				
Benzo(b)Fluoranthene	330				
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:	2.00	2.00	1.00	1.00	1.00
Percent Solids:	67	71	66	94	90
=====					
Associated Method Blank: B0893 SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX					
Associated Equipment Blank: B0893 SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX					
Associated Field Blank: B0893 SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX SAQS102XXX92XX					

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

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

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

Table 3
Summary Table

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
 J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

Inorganic Aqueous Analysis (ug/L)

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

Table 3
Summary Table

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

ANALYTE	SOW-3/90 - 11	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
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)

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	24.5 J
Barium	200	29.7 □	41.8 □
Beryllium	5	-	-
Cadmium	5	-	-
Calcium	5000	77700	52900
Chromium	10	13.7 J	11.3 J
Cobalt	50	-	-
Copper	25	-	-
Iron	100	54.7 □	5.2 □
Lead	3	-	498
Magnesium	5000	125000	20700
Manganese	15	75.0	22.8
Mercury	0.2	-	-
Nickel	40	-	-
Potassium	5000	268000	78200
Selenium	5	-	-
Silver	10	-	-
Sodium	5000	182000	33400
Thallium	10	-	-
Vanadium	50	-	-
Zinc	20	-	11.0 □
Cyanide	10	-	-

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

PB796W PB796W PB796W

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
J : Estimated R : Unusable N : Spike Recovery not Met W : Post Digestion Spike not Met -: Not Detected

Inorganic Aqueous Analysis (ug/L)

Table 3
Summary Table

SAMPLE LOCATION:		SOW-3/90 - II		CRQL				
LAB NUMBER:	DATE SAMPLED:	SASW101XX92XX 452401 # 10/27/92	SASW102XX92XD 454412 # 10/28/92	SASW102XX92XX 454409 # 10/28/92	SASW103XX92XX 455702 # 10/29/92	SASW104XX92XX 452402 # 10/27/92	SASW105XX92XX 455703 # 10/29/92	SASW106XX92XX 455701 # 10/29/92
ANALYTE								
Aluminum	200	82.0 □	-	179 □	51.0 □	128 □	188 □	130 □
Antimony	60	-	-	-	-	-	-	-
Arsenic	10	-	-	-	-	-	-	-
Barium	200	45.4 □	-	90.8 □	35.6 □	34.6	49.4 □	239
Beryllium	5	-	-	-	-	-	-	-
Cadmium	5	-	3.0 □	-	-	-	-	-
Calcium	5000	38600 J	717 □ J	64600 J	69100	460000 J	33700	318000 J
Chromium	10	R	-	R	-	-	-	357
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	-	-	-	17200	3.5 J	9.2 J	-
Magnesium	5000	7130	-	2180 □	155	-	11000	-
Manganese	15	27.2 J	-	34.2 J	-	-	151	-
Mercury	0.2	-	-	-	-	-	-	-
Nickel	40	-	-	-	-	-	-	-
Potassium	5000	4850 □ J	1080 □ J	29000 J	6910	55300 J	5290	52200 R
Selenium	5	-	6.8	7.4	R	33.0	R	-
Silver	10	-	-	-	-	-	-	-
Sodium	5000	22400	477 □ J	39800 J	13400 R	65700	8540 R	62200 R
Thallium	10	-	-	-	-	-	-	-
Vanadium	50	-	5.8 □	-	-	-	-	-
Zinc	20	8.1 □	-	12.4 □	-	-	40.4	-
Cyanide	10	-	-	-	-	-	-	-

Associated Method Blank:
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
J:	Estimated	R:	Unusable	N:	Spike Recovery not Met	W:	Post Digestion Spike not Met
						-:	Not Detected
						[]:	Less than CRQL

PROJECT: NYSDEC PSA-6 SKW ALLOYS, Inc.

Inorganic Soil Analysis (mg/kg)

Table 3
Summary Table

SAMPLE LOCATION:	SASD 101XX92XX	SASD 102XX92XD	SASD 102XX92XX	SASD 103XX92XX	SASD 104XX92XX	SASD 105XX92XX	SASD 106XX92XX
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	19900	3870 J	4000 J
Antimony	18.6	18.7 □ J	22.2 □ J
Arsenic	2	6.7 J	6.6 J
Barium	153	258 J	294 J
Beryllium	1	1.1 □	-
Cadmium	1	1.3 □ J	-
Calcium	1000	260000 J	276000 J
Chromium	2	R	R
Cobalt	10	6.7 □ J	9.1 □ J
Copper	5	97.5 J	106 J
Iron	20	5780 J	5700 J
Lead	0.6	617 J	66.9 J
Magnesium	1000	12700 J	12900 J
Manganese	3	1270 J	1330 J
Mercury	0.04	0.24	-
Nickel	8	95.6 J	102 J
Potassium	1000	363 □ J	490 □ J
Selenium	1	-	-
Silver	2	-	-
Sodium	1000	335 □ J	349 □ J
Thallium	2	-	-
Vanadium	10	16.6 □ J	18.4 □ J
Zinc	4	213 J	217 J
Cyanide	2	-	-
Percent Solids:	68	46	43
		53	51
		33	56

Associated Method Blank:	PB792S	PB792S	PB792S	PB796S	PB796S	PB796S
Associated Equipment Blank:	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
 J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected
 []: Less than CRQL

Table 3
Summary Table

SAMPLE LOCATION:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XXX92XX	SAWT104XXX92XX	SAWT105XXX92XX	SAWT106XXX92XD	SAWT107XXX92XX
LAB NUMBER:	452404	452405	452407	454404	454401	454403	455707 #
DATE SAMPLED:	10/27/92	10/27/92	10/27/92	10/28/92	10/28/92	10/28/92	10/29/92

ANALYTE	SOW-3/90	II	CRQL
Aluminum	40	3180	13500
Antimony	12	17.8	30.6
Arsenic	2	1.6	6.6
Barium	40	37.5	58.9
Beryllium	1	-	0.66
Cadmium	1	-	-
Calcium	1000	3140	107000
Chromium	2	-	-
Cobalt	10	2.4	42.6
Copper	5	93.7	80.8
Iron	20	17100	19800
Lead	0.6	19.4	400
Magnesium	1000	12000	40600
Manganese	3	1320	2040
Mercury	0.04	0.15	-
Nickel	8	38.9	1110
Potassium	1000	2270	1820
Selenium	1	-	1.7
Silver	2	-	-
Sodium	1000	408	503
Thallium	2	-	-
Vanadium	10	1.9	77.5
Zinc	4	280	316
Cyanide	2	-	-
Percent Solids:			
	67	71	66
	94	90	70
	90	90	65

Associated Method Blank:
Associated Equipment Blank:
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
 J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected

[]: Less than CRQL

Table 3
Summary TableSAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: 455708 #
DATE SAMPLED: 10/29/92

ANALYTE	SOW-3/90	II	CRQL
Aluminum	40		18800
Antimony	12	J	46.1
Arsenic	2		-
Barium	40	[] J	38.9
Beryllium	1		-
Cadmium	1		-
Calcium	1000		217000
Chromium	2	J	2160
Cobalt	10	[]	2.9
Copper	5	[]	7.0
Iron	20		3400
Lead	0.6	J	3.6
Magnesium	1000		99200
Manganese	3		465
Mercury	0.04		-
Nickel	8	[] J	8.6
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
J: Estimated R: Unusable N: Spike Recovery not Met W: Post Digestion Spike not Met -: Not Detected
[]: Less than CRQL

Table 3
Summary Table

SAMPLE LOCATION: SAMW12AX4X92XX SAMW14NX2092XX SAMW12X1792XX SAMW1AX0592XX SAMW4AX1092XX SAMWJ5AX2292XX 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

0.02

0.01

0.09

1.56

0.02

0.03

-

0.04

0.01

0.02

Associated Method Blank: BK14800HCR BK14800HCR BK14800HCR BK14800HCR BK14800HCR BK14800HCR BK14800HCR
Associated Equipment Blank: SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX SAQS103XXX92XX
Associated Field Blank: - - - - - - -

Site: MONITORING WELL

-: Not Detected

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

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 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 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	0.16	0.16	-	0.89	-	0.35
		160	160		890		350
Associated Method Blank:	BK14524W	PB14544CR	PB14544CR	PB14557W	BK14524W	PB14557W	PB14557W
Associated Equipment Blank:	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-

Site: SURFACE WATER - : Not Detected

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
Percent Solids:	68
Associated Method Blank:	BK14524S PB14544CR PB14544CR PB14557S PB14524S BK14524S PB14557S PB14557S
Associated Equipment Blank:	SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX SAQS101XXX92XX
Associated Field Blank:	

Site: SEDIMENT J: Estimated

Miscellaneous Soil Analysis (mg/kg)

PROJECT: NYSDEC PSA-6 SKW Alloys, Inc.

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:	10/28/92	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
=====								
Percent Solids:	67	71	71	66	94	90	70	90
=====								
Associated Method Blank:	BK14524S	BK14524S	BK14524S	BK14524S	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

Table 3
Summary Table

ANALYTE	RL	SAWT101XXX92XX E52404 10/27/92	SAWT104XXX92XX E54404 10/28/92	SAWT102XXX92XX E52405 10/27/92	SAWT103XXX92XX E52407 10/27/92	SAWT105XXX92XX E54401 10/28/92	SAWT106XXX92XX E54402 10/28/92	SAWT106XXX92XD E54403 10/28/92	SAWT107XXX92XX E55707 10/29/92
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 □	-	-	-	-	-	-

Site: WASTE PILE
Note: EPTOX ANALYSIS

Table 3
Summary Table

SAMPLE LOCATION: SAWT108XXX92XX
LAB NUMBER: E55708
DATE SAMPLED: 10/29/92

ANALYTE	RL
Arsenic	43.0
Barium	10.0
Cadmium	3.0
Chromium	5.0
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

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 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

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)

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:	SAWT101XXX92XX	SAWT102XXX92XX	SAWT103XZX92XX	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)

9.90

Percent Solids:

67

66

94

90

70

90

65

Associated Method Blank:

-

-

-

-

-

-

-

Associated Equipment 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

SURVEY CONTROL REPORT