2 2 0094

36556

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: July 7, 1982 REGION IV, ATHENS, GA 30613

SUBJECT: Results of Metals Analyses; SAAD Site; Nashville, Tennessee; 5-21-82

FROM: Tom B. Bennett. Jr., Chief
Chemistry Section, ASB

TO: Doug Lair, Chief
Hazardous Waste Section, ESB

Attached are results of metals analyses on subject samples received by ASB on 5-21-82.

This completes all analyses on this project except for the two samples sent to NEIC for preparation.

Tom B.

Tom B. Bennett, Jr.

Attachments

cc: Mike Carter

RECEIVED
JUL 12 1982

EPA Form 1320-6 (Rev. 3-76)

DATE:05/27/82

METALS
DATA REPORTING SHEET
WATER

EPA-SAD.RGN.IV
ATHENS.GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: DRKWA

SAMPLE START(DATE & TIME):05/18/82 1330

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: PW-1W NEWMAN WELL

SAD NO.: 82C1426

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	3U	UG/L
ARSENIC	01002	10U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	12U	UG/L
BERYLLIUM	01012	3U	UG/L
CADMIUM	01027	3U	UG/L
COBALT	01037	10U	UG/L
CHROMIUM	01034	3U	UG/L
COPPER	01042	5	UG/L
MOLYBDENUM	01062	5U	UG/L
NICKEL	01067	5U	UG/L
LEAD	01051	10U	UG/L
ANTIMONY	01097	10U	UG/L
SELENIUM	01147	10U	UG/L
TIN	01102	15U	UG/L
STRONTIUM	01082	341	UG/L
TELLURIUM	01064	10U	UG/L
TITANIUM	01152	3	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	3U	UG/L
YTTRIUM	01203	3U	UG/L
ZINC	01092	22	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	130	UG/L
MANGANESE	01055	10	UG/L
CALCIUM	00916	54	MG/L
MAGNESIUM	00927	10	MG/L
IRON	74010	0.9	MG/L
SODIUM	00929	4.5	MG/L
CHROMIUM.HEXAVALENT	01032		UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 82

MET
DATA REPORTING SHEET
WATER

EPA-SAC ON.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: DRKWA

SAMPLE START(DATE & TIME):05/18/82 1400

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: PW-2W LANKFORD WELL

SAD NO.: 82C1427

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	5U	UG/L
ARSENIC	01002	15U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	15U	UG/L
BERYLLIUM	01012	5U	UG/L
CADMIUM	01027	5U	UG/L
COBALT	01037	15U	UG/L
CHROMIUM	01034	5U	UG/L
COPPER	01042	17	UG/L
MOLYBDENUM	01062	10U	UG/L
NICKEL	01067	10U	UG/L
LEAD	01051	15U	UG/L
ANTIMONY	01097	15U	UG/L
SELENIUM	01147	20U	UG/L
TIN	01102	25U	UG/L
STRONTIUM	01082	144	UG/L
TELLURIUM	01064	20U	UG/L
TITANIUM	01152	10	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	5U	UG/L
YTTRIUM	01203	5U	UG/L
ZINC	01092	267	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	400	UG/L
MANGANESE	01055	46	UG/L
CALCIUM	00916	70	MG/L
MAGNESIUM	00927	6.6	MG/L
IRON	74010	0.3	MG/L
SODIUM	00929	9	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/2 2

META
DATA REPORTING SHEET
WATER

EPA-SAD N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: INDEF

SAMPLE START(DATE & TIME):05/18/82 1120

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: BC/W BELOW CONFLUENCE

SAD NO.: 82C1428

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	25U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	20U	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	25U	UG/L
CHROMIUM	01034	10U	UG/L
COPPER	01042	10U	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	20U	UG/L
LEAD	01051	25U	UG/L
ANTIMONY	01097	25U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	50U	UG/L
STRONTIUM	01082	163	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	10	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	10U	UG/L
YTTRIUM	01203	10U	UG/L
ZINC	01092	10	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	200	UG/L
MANGANESE	01055	170	UG/L
CALCIUM	00916	92	MG/L
MAGNESIUM	00927	6.2	MG/L
IRON	74010	0.2	MG/L
SODIUM	00929	9	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 82

MET
DATA REPORTING SHEET
WATER

EPA-SAC N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE & TIME):05/18/82 1250

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: T-2/W IND. AREA CREEK

SAD NO.: 82C1429

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	100	UG/L
ARSENIC	01002	250	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	200	UG/L
BERYLLIUM	01012	100	UG/L
CADMIUM	01027	100	UG/L
COBALT	01037	250	UG/L
CHROMIUM	01034	100	UG/L
COPPER	01042	100	UG/L
MOLYBDENUM	01062	200	UG/L
NICKEL	01067	200	UG/L
LEAD	01051	250	UG/L
ANTIMONY	01097	250	UG/L
SELENIUM	01147	400	UG/L
TIN	01102	500	UG/L
STRONTIUM	01082	171	UG/L
TELLURIUM	01064	400	UG/L
TITANIUM	01152	100	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	100	UG/L
YTTRIUM	01203	100	UG/L
ZINC	01092	100	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	200	UG/L
MANGANESE	01055	72	UG/L
CALCIUM	00916	99	MG/L
MAGNESIUM	00927	6.6	MG/L
IRON	74010	0.1	MG/L
SODIUM	00929	10	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 82

MET(
DATA REPORTING SHEET
WATER

EPA-SAD N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE & TIME):05/18/82 1315

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-2/W SPRING S-2

SAD NO.: R2C1430

CHEMIST: McDaniel COMPLETED 6-16-82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	25U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	14	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	25U	UG/L
CHROMIUM	01034	10U	UG/L
COPPER	01042	10U	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	20U	UG/L
LEAD	01051	25U	UG/L
ANTIMONY	01097	25U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	50U	UG/L
STRONTIUM	01082	140	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	21	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	10U	UG/L
YTTRIUM	01203	10U	UG/L
ZINC	01092	10U	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	580	UG/L
MANGANESE	01055	920	UG/L
CALCIUM	00916	84	MG/L
MAGNESIUM	00927	6.2	MG/L
IRON	74010	1	MG/L
SODIUM	00929	9	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
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3) A-AVERAGE VALUE
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5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 32

MET(
DATA REPORTING SHEET
WATER

EPA-SAL ,N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE & TIME):05/18/82 1340

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-3.1/W SPRING S-3

SAD NO.: 82C1431

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	25U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	20U	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	25U	UG/L
CHROMIUM	01034	10U	UG/L
COPPER	01042	10U	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	20U	UG/L
LEAD	01051	25U	UG/L
ANTIMONY	01097	25U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	50U	UG/L
STRONTIUM	01082	85	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	10U	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	10U	UG/L
YTTRIUM	01203	10U	UG/L
ZINC	01092	10U	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	100U	UG/L
MANGANESE	01055	20U	UG/L
CALCIUM	00916	61	MG/L
MAGNESIUM	00927	4.9	MG/L
IRON	74010	0.1U	MG/L
SODIUM	00929	4	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 32

MET
DATA REPORTING SHEET
WATER

EPA-SAD ON.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE & TIME):05/18/82 1405

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: SP4-5/W SPRINGS 4/5

SAD NO.: 82C1432

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	25U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	20U	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	25U	UG/L
CHROMIUM	01034	10U	UG/L
COPPER	01042	10U	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	20U	UG/L
LEAD	01051	25U	UG/L
ANTIMONY	01097	25U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	50U	UG/L
STRONTIUM	01082	91	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	10	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	10U	UG/L
YTTRIUM	01203	10U	UG/L
ZINC	01092	10U	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	500	UG/L
MANGANESE	01055	20U	UG/L
CALCIUM	00916	72	MG/L
MAGNESIUM	00927	5	MG/L
IRON	74010	0.2	MG/L
SODIUM	00929	10	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 82

MET(
DATA REPORTING SHEET
WATER

EPA-SAC N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE & TIME):05/18/82 1435

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-6.1/W SPRING 6.1

SAD NO.: 82C1433

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	25U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	121	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	25U	UG/L
CHROMIUM	01034	10U	UG/L
COPPER	01042	10U	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	20U	UG/L
LEAD	01051	25U	UG/L
ANTIMONY	01097	25U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	50U	UG/L
STRONTIUM	01082	104	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	278	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	13	UG/L
YTTRIUM	01203	11	UG/L
ZINC	01092	30	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	11000	UG/L
MANGANESE	01055	1400	UG/L
CALCIUM	00916	102	MG/L
MAGNESIUM	00927	6.6	MG/L
IRON	74010	12	MG/L
SODIUM	00929	12	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 82

MET(
DATA REPORTING SHEET
WATER

EPA-SAC .N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE & TIME):05/18/82 1500

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-7/W SPRING 7

SAD NO.: 82C1434

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	25U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	20U	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	25U	UG/L
CHROMIUM	01034	10U	UG/L
COPPER	01042	10U	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	20U	UG/L
LEAD	01051	25U	UG/L
ANTIMONY	01097	25U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	50U	UG/L
STRONTIUM	01082	160	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	10U	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	10U	UG/L
YTTRIUM	01203	10U	UG/L
ZINC	01092	10U	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	100	UG/L
MANGANESE	01055	2400	UG/L
CALCIUM	00916	90	MG/L
MAGNESIUM	00927	6.5	MG/L
IRON	74010	26	MG/L
SODIUM	00929	11	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

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DATE:05/ 82

MET(
DATA REPOR..NG SHEET
WATER

EPA-SA(N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: INDEF

SAMPLE START(DATE & TIME):05/19/82 1200

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: FB-W FRANKLIN BRICK

SAD NO.: 82C1435

CHEMIST: McDaniel COMPLETED 6-21-82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	45U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	380	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	20U	UG/L
CHROMIUM	01034	46	UG/L
COPPER	01042	22	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	30U	UG/L
LEAD	01051	40U	UG/L
ANTIMONY	01097	40U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	100U	UG/L
STRONTIUM	01082	530	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	230	UG/L
THALLIUM	01059	100U	UG/L
VANADIUM	01087	33	UG/L
YTTRIUM	01203	17	UG/L
ZINC	01092	95	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	39,000	UG/L
MANGANESE	01055	1400	UG/L
CALCIUM	00916	250	MG/L
MAGNESIUM	00927	26	MG/L
IRON	74010	22	MG/L
SODIUM	00929	19	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
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7) NAI-INTERFERENCES

DATE:05/(2

MET(
DATA REPORTING SHEET
WATER

EPA-SAD N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: INDEF

SAMPLE START(DATE & TIME):05/19/82 1020

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: LN-OS-W OIL SEPARATOR

SAD NO.: 82C1436

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	25U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	20U	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	25U	UG/L
CHROMIUM	01034	10U	UG/L
COPPER	01042	10U	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	20U	UG/L
LEAD	01051	25U	UG/L
ANTIMONY	01097	25U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	50U	UG/L
STRONTIUM	01082	278	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	10U	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	10U	UG/L
YTTRIUM	01203	10U	UG/L
ZINC	01092	10U	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	100	UG/L
MANGANESE	01055	2200	UG/L
CALCIUM	00916	96	MG/L
MAGNESIUM	00927	9.7	MG/L
IRON	74010	0.7	MG/L
SODIUM	00929	31	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 82

MET(
DATA REPORTING SHEET
WATER

EPA-SAE .N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: INDEF

SAMPLE START(DATE & TIME):05/19/82 1130

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: LN-DL-W 2 DEGREES DRAINAGE

SAD NO.: 82C1437

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORET#		UNITS
SILVER	01077	10U	UG/L
ARSENIC	01002	25U	UG/L
BORON	01022	NA	UG/L
BARIUM	01007	21	UG/L
BERYLLIUM	01012	10U	UG/L
CADMIUM	01027	10U	UG/L
COBALT	01037	25U	UG/L
CHROMIUM	01034	10U	UG/L
COPPER	01042	38	UG/L
MOLYBDENUM	01062	20U	UG/L
NICKEL	01067	20U	UG/L
LEAD	01051	25U	UG/L
ANTIMONY	01097	25U	UG/L
SELENIUM	01147	40U	UG/L
TIN	01102	50U	UG/L
STRONTIUM	01082	113	UG/L
TELLURIUM	01064	40U	UG/L
TITANIUM	01152	13	UG/L
THALLIUM	01059	NA	UG/L
VANADIUM	01087	10U	UG/L
YTTRIUM	01203	10U	UG/L
ZINC	01092	78	UG/L
ZIRCONIUM	01162	NA	UG/L
MERCURY	71900	0.2U	UG/L
ALUMINUM	01105	500	UG/L
MANGANESE	01055	77	UG/L
CALCIUM	00916	36	MG/L
MAGNESIUM	00927	5.4	MG/L
IRON	74010	0.9	MG/L
SODIUM	00929	12	MG/L
CHROMIUM,HEXAVALENT	01032	NA	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

2 2 0106

DATE:05/(2

MET(
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAL N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE & TIME):05/18/82 1120

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: RC/S BELOW CONFLUENCE

SAD NO.: 82C1438

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	2U	MG/KG
ARSENIC	01003	8U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	130	MG/KG
BERYLLIUM	01013	2U	MG/KG
CADMIUM	01028	20	MG/KG
COBALT	01038	NA	MG/KG
CHROMIUM	01029	15	MG/KG
COPPER	01043	13	MG/KG
MOLYBDENUM	01063	40	MG/KG
NICKEL	01068	6.5	MG/KG
LEAD	01052	140	MG/KG
ANTIMONY	01098	8U	MG/KG
SELENIUM	01148	8U	MG/KG
TIN	01103	20U	MG/KG
STRONTIUM	01083	330	MG/KG
TELLURIUM	45513	8U	MG/KG
TITANIUM	01153	120	MG/KG
THALLIUM	34480	20U	MG/KG
VANADIUM	01088	18	MG/KG
YTTRIUM	45514	29	MG/KG
ZINC	01093	58	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	0.05U	MG/KG
ALUMINUM	01108	12000	MG/KG
MANGANESE	01053	1800	MG/KG
CALCIUM	00917	230000	MG/KG
MAGNESIUM	00924	5400	MG/KG
IRON	01170	2200	MG/KG
SODIUM	00934	590	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	19	

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NA1-INTERFERENCES

2 2 0107

DATE:05/(2

META
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE & TIME):05/18/82 1250

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: T-2/S IND. AREA CREEK

SAD NO.: 82C1439

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	2U	MG/KG
ARSENIC	01003	8U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	130	MG/KG
BERYLLIUM	01013	2U	MG/KG
CADMIUM	01028	2U	MG/KG
COBALT	01038	NA	MG/KG
CHROMIUM	01029	11	MG/KG
COPPER	01043	5	MG/KG
MOLYBDENUM	01063	4U	MG/KG
NICKEL	01068	7	MG/KG
LEAD	01052	46	MG/KG
ANTIMONY	01098	8U	MG/KG
SELENIUM	01146	8U	MG/KG
TIN	01103	8U	MG/KG
STRONTIUM	01083	20U	MG/KG
TELLURIUM	45513	330	MG/KG
TITANIUM	01153	8U	MG/KG
THALLIUM	34480	110	MG/KG
VANADIUM	01088	2U	MG/KG
YTTRIUM	45514	15	MG/KG
ZINC	01093	22	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	0.05U	MG/KG
ALUMINUM	01108	9900	MG/KG
MANGANESE	01053	2000	MG/KG
CALCIUM	00917	2400	MG/KG
MAGNESIUM	00924	5400	MG/KG
IRON	01170	17000	MG/KG
SODIUM	00934	490	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	18	

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/(2

META
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD ..IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE & TIME):05/18/82 1315

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-2/S SPRING S-2

SAD NO.: 82C1440

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	3U	MG/KG
ARSENIC	01003	12U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	330	MG/KG
BERYLLIUM	01013	3U	MG/KG
CADMIUM	01028	3U	MG/KG
COBALT	01038	NA	MG/KG
CHROMIUM	01029	26	MG/KG
COPPER	01043	5	MG/KG
MOLYBDENUM	01063	6U	MG/KG
NICKEL	01068	12	MG/KG
LEAD	01052	16	MG/KG
ANTIMONY	01098	12U	MG/KG
SELENIUM	01148	12U	MG/KG
TIN	01103	30U	MG/KG
STRONTIUM	01083	280	MG/KG
TELLURIUM	45513	12U	MG/KG
TITANIUM	01153	360	MG/KG
THALLIUM	34480	30U	MG/KG
VANADIUM	01088	28	MG/KG
YTTRIUM	45514	45	MG/KG
ZINC	01093	50	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	0.22	MG/KG
ALUMINUM	01108	20000	MG/KG
MANGANESE	01053	5100	MG/KG
CALCIUM	00917	55000	MG/KG
MAGNESIUM	00924	1600	MG/KG
IRON	01170	32000	MG/KG
SODIUM	00934	490	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	32	

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NA1-INTERFERENCES

DATE:05/ .2

META
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD. .N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE & TIME):05/18/82 1340

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-3.1/S SPRING S-3

SAD NO.: 82C1441

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	2U	MG/KG
ARSENIC	01003	8U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	190	MG/KG
BERYLLIUM	01013	2U	MG/KG
CADMIUM	01028	2U	MG/KG
COBALT	01038	NA	MG/KG
CHROMIUM	01029	18	MG/KG
COPPER	01043	6	MG/KG
MOLYBDENUM	01063	4U	MG/KG
NICKEL	01068	9	MG/KG
LEAD	01052	15	MG/KG
ANTIMONY	01094	8U	MG/KG
SELENIUM	01148	8U	MG/KG
TIN	01103	20U	MG/KG
STRONTIUM	01083	310	MG/KG
TELLURIUM	45513	8U	MG/KG
TITANIUM	01153	130	MG/KG
THALLIUM	34480	20U	MG/KG
VANADIUM	01088	16	MG/KG
YTTRIUM	45514	62	MG/KG
ZINC	01093	59	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	0.22	MG/KG
ALUMINUM	01108	14000	MG/KG
MANGANESE	01053	7200	MG/KG
CALCIUM	00917	130000	MG/KG
MAGNESIUM	00924	2300	MG/KG
IRON	01170	18000	MG/KG
SODIUM	00934	880	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	28	

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

2 2 0110

DATE:05/(2

MET(
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAL N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE & TIME):05/18/82 1405

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: SP4-5/5 SPRING 4/5

SAD NO.: 82C1442

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	2U	MG/KG
ARSENIC	01003	8U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	90	MG/KG
BERYLLIUM	01013	2U	MG/KG
CADMIUM	01028	2U	MG/KG
COBALT	01038	4U	MG/KG
CHROMIUM	01029	15	MG/KG
COPPER	01043	4.4	MG/KG
MOLYBDENUM	01063	4U	MG/KG
NICKEL	01068	8	MG/KG
LEAD	01052	9	MG/KG
ANTIMONY	01098	8U	MG/KG
SELENIUM	01148	8U	MG/KG
TIN	01103	20U	MG/KG
STRONTIUM	01083	100	MG/KG
TELLURIUM	45513	8U	MG/KG
TITANIUM	01153	140	MG/KG
THALLIUM	34480	20U	MG/KG
VANADIUM	01088	20	MG/KG
YTTRIUM	45514	39	MG/KG
ZINC	01093	22	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	0.25	MG/KG
ALUMINUM	01108	15000	MG/KG
MANGANESE	01053	780	MG/KG
CALCIUM	00917	28000	MG/KG
MAGNESIUM	00924	2000	MG/KG
IRON	01170	14000	MG/KG
SODIUM	00934	370	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	30	

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

22 0111

DATE:05/ 2

META
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD V.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE & TIME):05/18/82 1435

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-6.1/S SPRING 6.1

SAD NO.: 82C1443

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	2U	MG/KG
ARSENIC	01003	4U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	220	MG/KG
BERYLLIUM	01013	2U	MG/KG
CADMIUM	01028	2U	MG/KG
COBALT	01038	4U	MG/KG
CHROMIUM	01029	20	MG/KG
COPPER	01043	7.6	MG/KG
MOLYBDENUM	01063	4U	MG/KG
NICKEL	01068	12	MG/KG
LEAD	01052	21	MG/KG
ANTIMONY	01098	8U	MG/KG
SELENIUM	01148	8U	MG/KG
TIN	01103	20U	MG/KG
STRONTIUM	01083	150	MG/KG
TELLURIUM	45513	8U	MG/KG
TITANIUM	01153	390	MG/KG
THALLIUM	34480	20U	MG/KG
VANADIUM	01088	29	MG/KG
YTTRIUM	45514	26	MG/KG
ZINC	01093	42	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	0.12	MG/KG
ALUMINUM	01108	19000	MG/KG
MANGANESE	01053	640	MG/KG
CALCIUM	00917	23000	MG/KG
MAGNESIUM	00924	1600	MG/KG
IRON	01170	18000	MG/KG
SODIUM	00934	300	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	46	

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 82

MET
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SA SN.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE & TIME):05/18/82 1500

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-7/S SPRING 7

SAD NO.: 82C1444

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	7U	MG/KG
ARSENIC	01003	28U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	250	MG/KG
BERYLLIUM	01013	7U	MG/KG
CADMIUM	01028	7U	MG/KG
COBALT	01038	14U	MG/KG
CHROMIUM	01029	30	MG/KG
COPPER	01043	17	MG/KG
MOLYBDENUM	01063	14U	MG/KG
NICKEL	01068	21U	MG/KG
LEAD	01052	28U	MG/KG
ANTIMONY	01098	28U	MG/KG
SELENIUM	01148	28U	MG/KG
TIN	01103	70U	MG/KG
STRONTIUM	01083	370	MG/KG
TELLURIUM	45513	28U	MG/KG
TITANIUM	01153	180	MG/KG
THALLIUM	34480	70U	MG/KG
VANADIUM	01086	29	MG/KG
YTTRIUM	45514	46	MG/KG
ZINC	01093	31	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	0.19	MG/KG
ALUMINUM	01108	19000	MG/KG
MANGANESE	01053	5500	MG/KG
CALCIUM	00917	150000	MG/KG
MAGNESIUM	00924	2600	MG/KG
IRON	01170	88000	MG/KG
SODIUM	00934	1100	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	46	

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/ 2

MET

DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: INDSL

SAMPLE START(DATE & TIME):05/19/82 1020

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: LN-OS-S OIL SEPARATOR

SAD NO.: 82C1445

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	2U	MG/KG
ARSENIC	01003	8U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	100	MG/KG
BERYLLIUM	01013	2U	MG/KG
CADMIUM	01028	2U	MG/KG
COBALT	01038	4U	MG/KG
CHROMIUM	01029	25	MG/KG
COPPER	01043	69	MG/KG
MOLYBDENUM	01063	4U	MG/KG
NICKEL	01068	10	MG/KG
LEAD	01052	82	MG/KG
ANTIMONY	01098	8U	MG/KG
SELENIUM	01148	8U	MG/KG
TIN	01103	20U	MG/KG
STRONTIUM	01083	290	MG/KG
TELLURIUM	45513	8U	MG/KG
TITANIUM	01153	140	MG/KG
THALLIUM	34480	20U	MG/KG
VANADIUM	01088	13	MG/KG
YTTRIUM	45514	17	MG/KG
ZINC	01093	69	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	0.05U	MG/KG
ALUMINUM	01108	9400	MG/KG
MANGANESE	01053	840	MG/KG
CALCIUM	00917	230000	MG/KG
MAGNESIUM	00924	6500	MG/KG
IRON	01170	22000	MG/KG
SODIUM	00934	550	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	15	

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES

DATE:05/(2

META(
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(

EPA-SAD(N.IV
ATHENS,GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: INDSL

SAMPLE START(DATE & TIME):05/19/82 1130

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: LN-DL-S 2 DEGREES DRAINAGE

SAD NO.: 82C1446

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORET#		UNITS
SILVER	01078	1U	MG/KG
ARSENIC	01003	4U	MG/KG
BORON	01023	NA	MG/KG
BARIUM	01008	56	MG/KG
BERYLLIUM	01013	1U	MG/KG
CADMIUM	01028	1	MG/KG
COBALT	01038	2U	MG/KG
CHROMIUM	01029	10	MG/KG
COPPER	01043	24	MG/KG
MOLYBDENUM	01063	2U	MG/KG
NICKEL	01068	4.6	MG/KG
LEAD	01052	26	MG/KG
ANTIMONY	01098	4U	MG/KG
SELENIUM	01148	4U	MG/KG
TIN	01103	10U	MG/KG
STRONTIUM	01083	62	MG/KG
TELLURIUM	45513	4U	MG/KG
TITANIUM	01153	64	MG/KG
THALLIUM	34480	10U	MG/KG
VANADIUM	01088	5.3	MG/KG
YTTRIUM	45514	4.8	MG/KG
ZINC	01093	70	MG/KG
ZIRCONIUM	01163	NA	MG/KG
MERCURY	71921	NAI	MG/KG
ALUMINUM	01108	3500	MG/KG
MANGANESE	01053	170	MG/KG
CALCIUM	00917	14000	MG/KG
MAGNESIUM	00924	800	MG/KG
IRON	01170	8400	MG/KG
SODIUM	00934	230	MG/KG
CHROMIUM,HEXAVALENT		NA	MG/KG
% MOISTURE	70320	NA	

WET WT BASIS

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
3) A-AVERAGE VALUE
4) NA-ELEMENT NOT ANALYZED FOR
5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
6) J-ESTIMATED VALUE
7) NAI-INTERFERENCES