540/5-91/003c

TECHNOLOGY EVALUATION REPORT:

BIOTROL SOIL WASHING SYSTEM FOR TREATMENT OF A WOOD PRESERVING SITE

Volume II - Part B

by

Science Applications International Corporation
McLean, VA 22102 and Paramus, NJ 07652

EPA Contract No. 68-03-3485, WA# 0-21
and 68-CO-0048, WA# 0-13

Project Officer
Ms. Mary K. Stinson
Risk Reduction Engineering Laboratory
Edison, New Jersey 08837

RISK REDUCTION ENGINEERING LABORATORY
OFFICE OF RESEARCH AND DEVELOPMENT
U.S. ENVIRONMENTAL PROTECTION AGENCY
CINCINNATI, OHIO 45268

NOTICE

The information in this document has been funded by the U.S. Environmental Protection Agency under the auspices of the Superfund Innovative Technology Evaluation (SITE) Program under Contract numbers 68-03-3485 and 68-CO-0048 to Science Applications International Corporation. It has been subjected to the Agency's peer and administrative review, and it has been approved for publication as an EPA document. Mention of trade names or commercial products does not constitute an endorsement or recommendation for use.

FOREWORD

The Superfund Innovative Technology Evaluation (SITE) program was authorized in the 1986 Superfund amendments. The program is a joint effort between EPA's Office of Research and Development and Office of Solid Waste and Emergency Response. The purpose of the program is to assist the development of hazardous waste treatment technologies necessary to implement new cleanup standards which require greater reliance on permanent remedies. This is accomplished through technology demonstrations which are designed to provide engineering and cost data on selected technologies.

This project consists of an analysis of one configuration of BioTrol, Inc.'s proprietary soil washing system. The demonstration took place at the MacGillis & Gibbs Superfund site in New Brighton, Minnesota, a wood treatment facility operating since approximately 1920. The demonstration effort was directed at obtaining information on the performance and cost of the process sequence for use in assessments at other sites. Documentation for the project consists of this Technology Evaluation Report and an Applications Analysis Report. The Technology Evaluation Report provides a detailed analysis of the data acquired during the demonstration; discusses the technical aspects of the technology; and describes the field activities and laboratory results. This is Volume II of this report and contains original analytical data and quality control and assurance information in which certain readers may be interested. The companion Applications Analysis Report summarizes the results of the demonstration and looks more broadly at the applicability of the technology to other sites and the criteria (e.g., site and waste characteristics, economics, etc.) that would need to be addressed.

For further information, please contact the Superfund Technology Demonstration Division at the Risk Reduction Engineering Laboratory.

E. Timothy Oppelt, Director
Risk Reduction Engineering Laboratory

ABSTRACT

The SITE Program demonstration of one configuration of the BioTrol Soil Washing System (BSWS) was conducted to obtain reliable performance and cost data that can be used to evaluate the potential applicability of the technology as a remediation alternative for sites contaminated with hazardous wastes. The BSWS treatment train used in this study consists of three technologies: a soil washer; an aqueous treatment system; and a slurry bio-reactor. The demonstration was carried out at the MacGillis & Gibbs Superfund site in New Brighton, MN.

Contaminated soils were treated by the soil washer (SW) using a multi-stage countercurrent attrition/classification and flotation system to separate heavily contaminated fine soil particles from the bulk soil. The SW operates on the principle that most of the contaminants are associated with the fine size fraction of the bulk soil. The heavily contaminated fine soil particles are treated in a Slurry Bio-Reactor (SBR), a cascading aerated reactor system using biological degradation. Contaminated process water from the SW is biodegraded in the BioTrol Aqueous Treatment System (BATS) using an aerated, fixed-film reactor.

This report analyzes the results from this SITE demonstration. It includes discussion of the operation of the three separate treatment technologies (SW, SBR, and BATS) evaluated in this test and provides flow diagrams, a summary of the sampling and analytical programs, an economic analysis, and a quality assurance/quality control evaluation of the data.

Conclusions were reached concerning the technology's suitability for use in remediations involving both similar and different materials at other sites. The conclusions from the test results and from other available data are:

- The Soil Washer (SW) can achieve removal efficiencies up to 89% for pentachlorophenol (penta) and polynuclear aromatic hydrocarbons (PAHs), based on the reduction in penta mass from the Feed Soil to the Washed Soil output fraction. As a result of the segregation in the SW, the Washed Soil constitutes about 83% of the output stream solids.

- Specifically, the two Feed Soils, with weighted average penta concentrations of 130 mg/Kg and 680 mg/Kg penta, produced Washed Soil streams with weighted average penta concentrations of 14 mg/Kg and 87 mg/Kg. Total PAHs decreased from 247 mg/Kg and 404.1 mg/Kg in the same two Feed Soils to 42 mg/Kg and 48 mg/Kg in the Washed Soils.

- A small quantity of a fine particle cake (~7% of output solids) retaining a major portion of the penta and PAH contamination (about 30% of the total output) is also obtained. With the MacGillis and Gibbs soils, two additional fractions containing significant amounts of penta and PAHs were also obtained.

- The Slurry Bio-reactor (SBR) appears to be capable of achieving pentachlorophenol removal of >90% and PAH removals in the 70-90+% range; however, the unit did not reach steady-state operation and optimum performance was not reached.

- The BioTrol Aqueous Treatment System (BATS) can achieve up to 94% degradation of pentachlorophenol in process water from the SW. Removal of PAHs could not be determined because influent concentrations were below detection limits.

- The estimated cost to install and operate an integrated pilot-scale system (SW, BATS, SBR), based on a 0.25-0.50 ton/hr Soil Washer operating for two weeks to assess applicability for remediation is $745,000. For a full-scale system the total cost (capital plus operating) to clean up 30,000 yd^3, such as at the MacGillis and Gibbs site, is estimated at about $83/ton, based on a 20 ton/hr Soil Washer, three 100 gpm BATS units, and a 23 gpm SBR. This figure does include incineration of contaminated fine and coarse oversize material. Costs for a full-scale, operating system were not available at the time this report was prepared.

This volume, consisting of several appendices, presents key analytical data and the quality control and quality assurance studies that were carried out as part of the demonstration evaluation. Additional supporting data is archived in EPA's Edison, New Jersey laboratory.

VOLUME II

TABLE OF CONTENTS

VOL. II, PART A — Page

Foreword iii
Abstract iv
Table of Contents vi
Table of Abbreviations and Symbols xv
Conversion Factors xvii
Acknowledgements xviii

Section 1. Introduction and explanations 1

Appendix
1 Soil Washer Data 3-516
Final Field Data 3-66
Raw Field Measurements 67-122
Pentachlorophenol Inventory 123-179
Polynuclear Aromatic Hydrocarbon (PAH) Inventory 180-293
Final Penta and PAH Data 294-310
Raw Penta and PAH Data, Surrogate Recoveries 311-375

VOL. II, PART B
Appendix 1, cont'd

Inventory of Other Organic Analyses 376-431
Final Data - Other Organic Analyses 432-461
Raw Data - Other Organic Analyses 462-495
Metals Data 496-516

2. BioTrol Aqueous Treatment System (BATS) Data 517-627
Penta and PAH Data 517-546
Other Organic and Metals Data 547-590
Field Measurements 591-627

3. Slurry Bio-Reactor (SBR) Data 628-697
Penta and PAH Data 628-663
Other Organic and Metals Data 664-683

4. Dioxin Data - All Systems 684-697

TABLE OF ABBREVIATIONS AND SYMBOLS

AAS	atomic absorption spectroscopy
ASTM	American Society for Testing and Materials
BATS	BioTrol Aqueous Treatment System
BSWS	BioTrol Soil Washer System
CCA	chromated copper arsenate
CDE	Combined Dewatering Effluent
CEC	cation exchange capacity
COD	chemical oxygen demand
CV	coefficient of variation
DFTPP	decafluorotriphenylphosphine
DO	dissolved oxygen
EP Tox	Extraction Procedure Toxicity (test)
gal	gallon(s)
GC	gas chromatography
gpm	gallons per minute
kg	kilogram(s)
kw	kilowatt(s)
L	liter(s)
MDL	method detection limit
mg	milligram(s)
ml	milliliter
mm	millimeter(s)
MN	Minnesota
MS	mass spectrometry
MS/MSD	matrix spike and matrix spike duplicate
MPCA	Minnesota Pollution Control Agency
MTLS	metals, other than arsenic, chromium and copper
No.	number
PAH	polynuclear aromatic hydrocarbon
PCDD	polychlorinated dibenzodioxins (also CDD)
PCDF	polychlorinated dibenzofurans (also CDF)
penta	pentachlorophenol
PFTBA	perfluorotributylamine
pH	- logarithm [hydrogen ion concentration]
PM	Project Manager
ppb	parts per billion
ppm	parts per million
QA	quality assurance
QAPjP	quality assurance project plan
QAPP	quality assurance program plan
QC	quality control
RE	relative error
RPD	relative percent difference

SAIC	Science Applications International Corporation
SBR	Slurry Bio-Reactor
SITE	Superfund Innovative Technology Evaluation (Program)
STD	standard
SW	Soil Washer
SW-xxxx	EPA SW-846 method number xxxx
TOC	total organic carbon
TRPH	total recoverable petroleum hydrocarbons
ug	microgram
um	micrometer(s)
°C	degrees Celsius
<	less than
>	greater than
≥	greater than or equal to

CONVERSION FACTORS

	English (US)	x	Factor	=	Metric
Area:	1 ft^2	x	9.29×10^{-2}	=	m^2
	1 in^2	x	6.45	=	cm^2
Flow Rate:	1 gal/min	x	6.31×10^{-5}	=	m^3/s
	1 gal/min	x	6.31×10^{-2}	=	L/s
	1 Mgal/d	x	43.8	=	L/s
	1 Mgal/d	x	3.78×10^{3}	=	m^3/d
	1 Mgal/d	x	4.38×10^{-2}	=	m^3/s
Length:	1 ft	x	0.30	=	m
	1 in	x	2.54	=	cm
	1 yd	x	0.91	=	m
Mass:	1 lb	x	4.54×10^{2}	=	g
	1 lb	x	0.454	=	kg
Volume:	1 ft^3	x	28.3	=	L
	1 ft^3	x	2.83×10^{-2}	=	m^3
	1 gal	x	3.78	=	L
	1 gal	x	3.78×10^{-3}	=	m^3

ft = foot, ft^2 = square foot, ft^3 = cubic foot
in = inch, in^2 = square inch
yd = yard
lb = pound
gal = gallon
gal/min (or gpm) = gallons per minute
Mgal/d (or MGD) = million gallons per day
m = meter, m^2 = square meter, m^3 = cubic meter
cm = centimeter, cm^2 = square centimeter
L = liter
g = gram
kg = kilogram
m^3/s = cubic meters per second
L/s = liters/sec
m^3/d = cubic meters per day

ACKNOWLEDGEMENTS

This report was prepared under the direction and coordination of Mary K. Stinson, EPA SITE Program Manager in the Risk Reduction Engineering Laboratory-Cincinnati, Ohio. Contributors and reviewers for this report were Darryl Owens of EPA Region V - Remedial Project Manager for the MacGillis & Gibbs Superfund site; Jerry Vorbach; of the Office of Solid Waste and Emergency Response and Gordon Evans, Guy F. Simes, John E. Brugger, Patrick Augustin and Mary K Stinson of the Office of Research and Development; and Dennis Chilcote, Steve Valine and Tom Chresand from BioTrol Inc.

This report was prepared for EPA's Superfund Innovative Technology Evaluation (SITE) Program by Science Applications International Corporation (SAIC), McLean, VA for the U.S. Environmental Protection Agency under Contracts No. 68-03-3485 and 68-CO-0048, by William Ellis, Joe Evans, Omer Kitaplioglu, Jorge McPherson, Venkat Rao, Susan Roman, Sanjiv Shah, Herbert S. Skovronek, and Rita Stasik. Laboratory analyses were conducted by Mid-Pacific Environmental Laboratory (formerly Acurex Analytical Laboratory), Mountain View, CA, Radian Corporation, Austin, TX and Morrisville, NC, and SAIC Laboratory in La Jolla, CA.

SECTION 1

INTRODUCTION AND EXPLANATIONS

1.1 INTRODUCTION

This document, Volume II of the Technology Evaluation Report for the SITE program study of the BioTrol Soil Washing System, presents data that may be of value to personnel involved in assessing the viability of the system for other sites undergoing remediation. These volumes represent a compilation of the very large volume of data that was obtained and documented by the analytical laboratories that participated in this study, as well as the field data collected in the field by Science Applications International Corporation field personnel. Additional supporting material, such as concerning standards validation, raw field data log books, etc. may also be of interest and can be accessed through the EPA Project Manager, Ms. Mary K. Stinson, at EPA's Edison, New Jersey laboratory.

To facilitate access, the enclosed data tables have been organized in a specific manner, as noted in the Table of Contents. Within each Appendix (e.g., Soil Washer data), data is first presented as compiled or used in Volume I of the report. Usually, this means that the masses reflect the weighting process used to adjust for variations in flow during the experiment. This is then followed by the final data from the analyses themselves and, lastly, by the raw data as provided by the analyst. In the case of the BATS and the SBR, much of the weighted data is presented in Volume I; the Volume II data is meant only to supplement that. Finally, this Volume II also contains dioxin and furan data from all three processes that were evaluated.

Certain short hand schemes were used to relate the samples as collected to the analytical firms' identifying numbers. These make it possible to determine rapidly the source of a particular sample. Thus, the Soil Washer input and output samples are prefixed with "SW" followed by an "L" or "H" to indicate they are derived from the test with the low or the high penta concentrations. Following this is a two, three, or four letter identifying code indicating the actual input or output stream, as follows:

FS = Feed Soil
WS = Washed Soil
CO = Coarse Oversize
FO = Fine Oversize
FPC = Fine Particle Cake
CDE = Combined Dewatering Effluent
ATW = Aqueous Treatment System recycle stream
MW = Municipal Water
Floc = Thickener flocculent stream

Finally, each sample contains one or more numbers indicating when it was collected. Samples of the soil piles used in the low and high penta experiments are identified as SPL or SPH, respectively.

In the section presenting the results of the BATS tests, samples are identified as ATSL or ATSH, depending on whether the test was carried out using the process water during the low or the high penta soil washing test. They are then further identified as influent (inf) or effluent (eff) and given a number to indicate when they were collected.

The Slurry Bio-Reactor was operated only with liquor from the high penta soil washing test. Samples are identified as influent or effluent. In addition, since many of the analyses required that samples be filtered in solids and liquid phase, those codes also include a "LS" for liquid phase or "SS" for solid phase.

INVENTORY OF OTHER ORGANIC ANALYSIS

WASHED SOIL (WS) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	MASS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/25/89	12:37	TIME ZERO				0							
09/25/89	14:05					1.5							
09/25/89	14:37		SWL-WS-01-01			2.0							
09/25/89	15:05	WS-1		549		2.5							
09/25/89	16:26	WS-2		608		3.8							
09/25/89	16:40		SWL-WS-01-01			4.0							
09/25/89	17:26	WS-3		745		4.8							
09/25/89	18:35	WS-4		630		6.0							
09/25/89	18:37		SWL-WS-01-01			6.0	1961	62	1900	330	1216	3.7	0.6
09/25/89	19:50	midpoint				7.2							
09/25/89	19:54	WS-1		540		7.3							
09/25/89	21:00	WS-2		646		8.4							
09/25/89	21:04		SWL-WS-01-02			8.4							
09/25/89	22:10	WS-3		641		9.6							
09/25/89	22:50		SWL-WS-01-02			10.2							
09/25/89	23:30	WS-4		625		10.9							
09/26/89	00:37		SWL-WS-01-02			12.0	1630	73	1500	130	1181	2.4	0.2
09/26/89	00:45	WS-1		580		12.1							
09/26/89	01:35	midpoint				13.0							
09/26/89	01:47	WS-3		653		13.2							
09/26/89	02:33		SWL-WS-01-03			13.9							
09/26/89	02:51	WS-1		646		14.2							
09/26/89	03:58	WS-3	BROKEN SCALE	639		15.3							
09/26/89	04:37		SWL-WS-01-03			16.0							
09/26/89	05:08	WS-1		617		16.5							
09/26/89	06:17	WS-3		639		17.7							

000377

WASHED SOIL (WS) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	MASS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/26/89	06:27		SWL-WS-01-03			17.8	1755	76	1800	160	1334	3.2	0.3
09/26/89	07:33	WS-1		636		18.9							
09/26/89	07:40	midpoint				19.0							
09/26/89	08:38	WS-3		650		20.0							
09/26/89	08:53		SWL-WS-01-04			20.3							
09/26/89	09:44	WS-5		676		21.1							
09/26/89	10:43		SWL-WS-01-04			22.1							
09/26/89	11:03	WS-3		623		22.4							
09/26/89	12:16	WS-5		704		23.6							
09/26/89	13:08		SWL-WS-01-04			24.5	2064	66	1400	310	1362	2.9	0.6
09/26/89	13:34	WS-6		657		24.9							
09/26/89	14:32	midpoint				25.9							
09/26/89	14:45	WS-5		671		26.1							
09/26/89	15:36		SWL-WS-02-01			27.0							
09/26/89	15:56	WS-6		692		27.3							
09/26/89	16:36		SWL-WS-02-01			28.0							
09/26/89	17:11	WS-5		572		28.6							
09/26/89	17:59		SWL-WS-02-01			29.4	1495	75	2900	200	1113	4.3	0.3
09/26/89	18:15	WS-6		686		29.6							
09/26/89	19:32	WS-5		607		30.9							
09/26/89	19:42	midpoint				31.1							
09/26/89	20:46	WS-7		630		32.2							
09/26/89	21:25		SWL-WS-02-02			32.8							
09/26/89	22:00	WS-5		620		33.4							
09/26/89	22:34		SWL-WS-02-02			33.9							
09/26/89	23:20	WS-7		572		34.7							

WASHED SOIL (WS) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	MASS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/27/89	00:37	WS-5		566		36.0							
09/27/89	01:10		SWL-WS-02-02			36.6	1613	73	1900	120	1177	3.1	0.2
09/27/89	01:58	midpoint				37.3							
09/27/89	02:19	WS-8		467		37.7							
09/27/89	02:46		SWL-WS-02-03			38.2							
09/27/89	03:58	WS-5		462		39.3							
09/27/89	04:35		SWL-WS-02-03			40.0							
09/27/89	05:45	WS-8		408		41.1							
09/27/89	06:33		SWL-WS-02-03			41.9	1314	95	2300	230	1248	3.0	0.3
09/27/89	07:30	WS-5		439		42.9							
09/27/89	08:41	midpoint				44.1							
09/27/89	09:27	WS-8		400		44.8							
09/27/89	10:49		SWL-WS-02-04			46.2							
09/27/89	11:51	WS-5***		331		47.2							
09/27/89	12:12		SWL-WS-02-04			47.6							
09/27/89	13:30	WS-9		437		48.9							
09/27/89	14:47		SWL-WS-02-04			50.2	1106	73	2300	140	807	2.5	0.2
09/27/89	15:07					50.5							
09/27/89	15:31	WS-10		382		50.9							
							12937	73	1947	211	9439	25	2.7
							13000	73	1900	210	9400	25	2.7
								(%)	(mg/kg)	(mg/kg)	(kg)	(kg)	(kg)

000379

MUNICIPAL WATER (MW) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE I	TOTAL (gpm)	TOTAL (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	MW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/25/89	12:37				0								
09/25/89	15:24	SWL-MW-01-01			2.8	70							
09/25/89	15:28		6.60	3303	2.8								
09/25/89	17:01		5.70	2852	4.4								
09/25/89	19:05	SWL-MW-01-01			6.5	40							
09/25/89	19:24		5.96	2982	6.8								
09/25/89	21:25		6.25	3128	8.8								
09/25/89	23:00	SWL-MW-01-01			10.4	36	14019	242	240	1.6	3.4	3.4	0.02
09/25/89	23:05		5.75	2877	10.5								
09/25/89	00:56	midpoint			12.3								
09/26/89	01:14		5.36	2682	12.6								
09/26/89	02:01		5.40	2702	13.4								
09/26/89	02:52	SWL-MW-01-02			14.3	34							
09/26/89	03:10		5.35	2677	14.5								
09/26/89	04:00		5.29	2647	15.4								
09/26/89	05:13		5.38	2692	16.6								
09/26/89	06:04		5.34	2672	17.4								
09/26/89	06:43	SWL-MW-01-02			18.1	33							
09/26/89	07:06		5.13	2567	18.5								
09/26/89	08:00		5.08	2542	19.4								
09/26/89	10:05		5.00	2502	21.5								
09/26/89	10:47	SWL-MW-01-02			22.2		18664	240	2.7	2.3	4.5	0.1	0.04
09/26/89	11:12		4.98	2492	22.6								
09/26/89	12:56	midpoint			24.3								
09/26/89	13:51		4.74	2372	25.2								
09/26/89	15:05	SWL-MW-02-01			26.5	60							

000380

MUNICIPAL WATER (MW) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE I	TOTAL (gpm)	TOTAL (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	MW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/26/89	15:53		5.12	2562	27.3								
09/26/89	17:04		5.17	2587	28.4								
09/26/89	18:30	SWL-MW-02-01			29.9	40							
09/26/89	18:43		5.20	2602	30.1								
09/26/89	20:48		3.95	1977	32.2								
09/26/89	22:49	SWL-MW-02-01			34.2	49	15056	282	80	1.6	4.2	1.2	0.02
09/26/89	23:18		5.75	2877	34.7								
09/27/89	00:27		4.26	2132	35.8								
09/27/89	00:53	midpoint			36.3								
09/27/89	02:31		5.18	2592	37.9								
09/27/89	02:58	SWL-MW-02-02			38.3	48							
09/27/89	04:20		4.89	2447	39.7								
09/27/89	06:40	SWL-MW-02-02			42.0	36							
09/27/89	07:01		4.90	2452	42.4								
09/27/89	11:05	SWL-MW-02-02			46.5	40	13972	282	7.9	1.6	3.9	0.1	0.02
09/27/89	11:29		3.60	1801	46.9								
09/27/89	12:30		3.51	1756	47.9								
09/27/89	15:07				50.5								
09/27/89	15:29		3.83	1917	50.9								
							61711	260	77	1.8	16.1	4.7	0.11
							62000	260	77	1.8	16	4.7	0.11
								(mg/l)	(mg/l)	(mg/l)	(kg)	(kg)	(kg)

000381

FEED SOIL (FS) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE I	RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/25/89	12:37			0								
09/25/89	15:05	SWL-FS-01-01		2.5	70							
09/25/89	15:28			2.8								
09/25/89	16:37	SWL-FS-01-01		4.0	60							
09/25/89	17:00		670	4.4								
09/25/89	18:31	SWL-FS-01-01		5.9		2071	91	8800	3800	1885	18	8
09/25/89	19:22		583	6.8								
09/25/89	19:47	midpoint		7.2								
09/25/89	21:04	SWL-FS-01-02		8.4	36							
09/25/89	21:24		583	8.8								
09/25/89	22:50	SWL-FS-01-02		10.2	36							
09/25/89	23:03		591	10.4								
09/26/89	00:37	SWL-FS-01-02		12.0	35	1506	89	7000	3300	1340	11	5
09/26/89	01:12		542	12.6								
09/26/89	01:33	midpoint		12.9								
09/26/89	02:00		674	13.4								
09/26/89	02:30	SWL-FS-01-03		13.9	34							
09/26/89	03:10		577	14.5								
09/26/89	04:00		559	15.4								
09/26/89	04:34	SWL-FS-01-03		15.9	33							
09/26/89	05:13		604	16.6								
09/26/89	06:04		569	17.4								
09/26/89	06:25	SWL-FS-01-03		17.8	33	1660	89	4200	10000	1477	7	17
09/26/89	07:06		627	18.5								
09/26/89	07:42	midpoint		19.1								
09/26/89	08:00		586	19.4								

FEED SOIL (FS) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE I	RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/26/89	09:00	SWL-FS-01-04		20.4	50							
09/26/89	10:03		595	21.4								
09/26/89	10:27	SWL-FS-01-04		21.8	50							
09/26/89	11:12		577	22.6								
09/26/89	13:37	SWL-FS-01-04		25.0	62	1750	89	21000	2700	1557	37	5
09/26/89	13:50		552	25.2								
09/26/89	14:25	midpoint		25.8								
09/26/89	15:14	SWL-FS-02-01		26.6	62							
09/26/89	15:52		590	27.2								
09/26/89	16:32	SWL-FS-02-01		27.9	64							
09/26/89	17:03		500	28.4								
09/26/89	18:15	SWL-FS-02-01		29.6	41	1303	89	19000	1800	1160	25	2
09/26/89	18:42		512	30.1								
09/26/89	19:45	midpoint		31.1								
09/26/89	20:46		554	32.2								
09/26/89	21:16	SWL-FS-02-02		32.6	50							
09/26/89	22:44	SWL-FS-02-02		34.1	49							
09/26/89	23:17		488	34.7								
09/27/89	00:26		423	35.8								
09/27/89	01:38	SWL-FS-02-02		37.0	46	1291	89	11000	1600	1149	14	2
09/27/89	02:11	midpoint		37.6								
09/27/89	02:30		326	37.9								
09/27/89	02:45	SWL-FS-02-03		38.1	48							
09/27/89	04:20		301	39.7								
09/27/89	04:32	SWL-FS-02-03		39.9	46							
09/27/89	06:43	SWL-FS-02-03		42.1	36	875	90	14000	2000	788	12	2

000383

FEED SOIL (FS) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE I	RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/27/89	07:00		304	42.4								
09/27/89	08:42	midpoint		44.1								
09/27/89	10:31		274	45.9								
09/27/89	10:42	SWL-FS-02-04		46.1	52							
09/27/89	11:23		269	46.8								
09/27/89	12:03	SWL-FS-02-04		47.4	66							
09/27/89	12:30		265	47.9								
09/27/89	15:00	SWL-FS-02-04		50.4	74	753	88	12000	2450	663	9	2
09/27/89	15:07			50.5								
09/27/89	15:28		243	50.8								
						11210	89.4	11842	3762	10019	133	42
						11000	89	12000	3800	10000	130	42
							(%)	(mg/kg)	(mg/kg)	(kg)	(kg)	(kg)

000384

FINE PARTICLE CAKE -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FPC FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS %	TOC mg/kg	TRPH mg/kg	SOLIDS kg	TOC kg	TRPH kg
09/25/89	12:37					0							
09/25/89	14:51		SWL-FPC-01-01		70	2.2							
09/25/89	15:43	FPC-1	WEIGHT NOT RE	58		3.1							
09/25/89	16:50		SWL-FPC-01-01		60	4.2							
09/25/89	18:49		SWL-FPC-01-01		40	6.2	195	31	25000	1700	60	4.9	0.3
09/25/89	20:02	midpoint				7.4							
09/25/89	21:15		SWL-FPC-01-02		36	8.6							
09/25/89	22:40		SWL-FPC-01-02		36	10.0							
09/25/89	23:15	FPC-2 *		58		10.6							
09/26/89	00:49		SWL-FPC-01-02		35	12.2	215	32	19000	1100	69	4.1	0.2
09/26/89	01:47	midpoint				13.2							
09/26/89	02:44	FPC-3		113		14.1							
09/26/89	02:46		SWL-FPC-01-03		34	14.2							
09/26/89	04:49		SWL-FPC-01-03		33	16.2							
09/26/89	05:45	FPC-4		143		17.1							
09/26/89	06:38		SWL-FPC-01-03		33	18.0	382	28	23000	2900	107	8.8	1.1
09/26/89	07:39	midpoint				19.0							
09/26/89	08:32	FPC-5		160		19.9							
09/26/89	08:40		SWL-FPC-01-04		55	20.1							
09/26/89	10:30		SWL-FPC-01-04		55	21.9							
09/26/89	11:45	FPC-6		143		23.1							
09/26/89	13:23		SWL-FPC-01-04		60	24.8	436	29	32000	900	126	14.0	0.4
09/26/89	14:21	midpoint				25.7							
09/26/89	15:19		SWL-FPC-02-01		62	26.7							
09/26/89	15:23	FPC-7		138		26.8							
09/26/89	16:48		SWL-FPC-02-01		64	28.2							

000385

FINE PARTICLE CAKE -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FPC FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS %	TOC mg/kg	TRPH mg/kg	SOLIDS kg	TOC kg	TRPH kg
09/26/89	18:18		SWL-FPC-02-01		40	29.7	320	28	65000	1400	90	20.8	0.4
09/26/89	19:03	FPC-8		122		30.4							
09/26/89	19:52	midpoint				31.3							
09/26/89	21:27		SWL-FPC-02-02		50	32.8							
09/26/89	22:25	FPC-9		139		33.8							
09/26/89	22:48		SWL-FPC-02-02		49	34.2							
09/27/89	01:25		SWL-FPC-02-02		48	36.8	328	34	27000	1500	111	8.9	0.5
09/27/89	02:08	midpoint				37.5							
09/27/89	02:51		SWL-FPC-02-03		48	38.2							
09/27/89	03:23	FPC-10		99		38.8							
09/27/89	04:45		SWL-FPC-02-03		46	40.1							
09/27/89	06:37		SWL-FPC-02-03		36	42.0	277	30	72000	860	83	19.9	0.2
09/27/89	08:45	midpoint				44.1							
09/27/89	08:47	FPC-11		91		44.2							
09/27/89	10:53		SWL-FPC-02-04		52	46.3							
09/27/89	12:16		SWL-FPC-02-04		66	47.6							
09/27/89	14:37	FPC-12		77		50.0							
09/27/89	14:56		SWL-FPC-02-04		74	50.3	221	33	50000	1100	73	11.1	0.2
09/27/89	15:07		END OF TEST			50.5							
							2374	30.3	38,905	1,470	720	92.4	3.5
							2400	30	39000	1500	720	92	3.5
								(%)	(mg/kg)	(mg/kg)	(kg)	(kg)	(kg)

000386

FINE OVERSIZE (FO) -- LOW SOIL TEST

Gross Process Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS %	TOC mg/kg	TRPH mg/kg	SOLIDS kg	TOC kg	TRPH kg
09/25/89	12:37					0							
09/25/89	14:44		SWL-FO-01-01		70	2.1							
09/25/89	16:45		SWL-FO-01-01		60	4.1							
09/25/89	18:44		SWL-FO-01-01		40	6.1	89	6.0	5200	960	5.4	0.46	0.09
09/25/89	19:00	FO-X	WEIGHT NOT RE	27		6.4							
09/25/89	19:55	midpoint				7.3							
09/25/89	21:07		SWL-FO-01-02		36	8.5							
09/25/89	22:45		SWL-FO-01-02		36	10.1							
09/26/89	00:39		SWL-FO-01-02		35	12.0	68	3.0	8000	1700	2.1	0.55	0.12
09/26/89	01:37	midpoint				13.0							
09/26/89	02:35		SWL-FO-01-03		34	14.0							
09/26/89	04:40		SWL-FO-01-03		33	16.0							
09/26/89	06:28		SWL-FO-01-03		34	17.8	72	13	15000	1400	9.0	1.08	0.10
09/26/89	07:36	midpoint				19.0							
09/26/89	08:45		SWL-FO-01-04		55	20.1							
09/26/89	10:25	FO-1		27		21.8							
09/26/89	10:37		SWL-FO-01-04		55	22.0							
09/26/89	13:15		SWL-FO-01-04		60	24.6	87	12	24000	2100	10.5	2.09	0.18
09/26/89	14:21	midpoint				25.7							
09/26/89	15:28		SWL-FO-02-01		62	26.8							
09/26/89	16:43		SWL-FO-02-01		64	28.1							
09/26/89	18:01		SWL-FO-02-01		40	29.4	72	7.6	7600	640	5.5	0.55	0.05
09/26/89	19:40	midpoint				31.1							
09/26/89	21:20		SWL-FO-02-02		50	32.7							
09/26/89	22:37		SWL-FO-02-02		49	34.0							
09/27/89	00:29	FO-2		30		35.9							

000387

FINE OVERSIZE (FO) -- LOW SOIL TEST

Gross Process Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS %	TOC mg/kg	TRPH mg/kg	SOLIDS kg	TOC kg	TRPH kg
09/27/89	01:20		SWL-FO-02-02		48	36.7	87	8.9	20000	510	7.7	1.73	0.04
09/27/89	02:04	midpoint				37.5							
09/27/89	02:49		SWL-FO-02-03		48	38.2							
09/27/89	04:36		SWL-FO-02-03		46	40.0							
09/27/89	06:24		SWL-FO-02-03		36	41.8	92	6.6	22000	1100	6.1	2.03	0.10
09/27/89	08:51	midpoint				44.2							
09/27/89	11:19		SWL-FO-02-04		52	46.7							
09/27/89	12:25		SWL-FO-02-04		66	47.8							
09/27/89	15:07		SWL-FO-02-04		74	50.5	85	8	24000	810	6.8	2.04	0.07
09/27/89	15:07	FO-?	WEIGHT NOT RE	30		50.5							
09/27/89	15:07		END OF TEST			50.5							
							653	8.1 (WTD AVG)	16139 (WTD AVG)	1143 (WTD AVG)	53.0	10.54	0.75
							650	8.1 (%)	16000 (mg/kg)	1100 (mg/kg)	53 (kg)	11 (kg)	0.75 (kg)

000388

COARSE OVERSIZE (CO) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	CO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/25/89	12:37					0							
09/25/89	12:40					0.0							
09/25/89	15:12		SWL-CO-01-01		70	2.6							
09/25/89	16:49		SWL-CO-01-01		60	4.2							
09/25/89	18:15	CO-1		91		5.6							
09/25/89	19:00		SWL-CO-01-01		32	6.4	288	67	31000	8600	193	8.9	2.5
09/25/89	19:57	midpoint				7.3							
09/25/89	20:55		SWL-CO-01-02		32	8.3							
09/25/89	22:55		SWL-CO-01-02		32	10.3							
09/26/89	00:12	CO-1		71		11.6							
09/26/89	00:53		SWL-CO-01-02		32	12.3	192	71	14000	8100	135	2.7	1.6
09/26/89	01:51	midpoint				13.2							
09/26/89	02:50		SWL-CO-01-03		32	14.2							
09/26/89	04:54		SWL-CO-01-03		32	16.3							
09/26/89	06:40		SWL-CO-01-03		32	18.0	206	62	12000	8900	127	2.5	1.8
09/26/89	06:46	CO-2		74		18.1							
09/26/89	07:53	midpoint				19.3							
09/26/89	09:07		SWL-CO-01-04		55	20.5							
09/26/89	10:20		SWL-CO-01-04		55	21.7							
09/26/89	13:03	CO-3		80		24.4							
09/26/89	13:42		SWL-CO-01-04		60	25.1	235	67	22000	3650	157	5.2	0.9
09/26/89	14:26	midpoint				25.8							
09/26/89	15:10		SWL-CO-02-01		62	26.5							
09/26/89	16:57		SWL-CO-02-01		64	28.3							
09/26/89	18:26		SWL-CO-02-01		32	29.8	191	72	14000	7900	137	2.7	1.5
09/26/89	19:40	CO-4		77		31.8							

000389

COARSE OVERSIZE (CO) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	CO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/26/89	20:00	midpoint				31.4							
09/26/89	21:34		SWL-CO-02-02		50	32.9							
09/26/89	22:50		SWL-CO-02-02		49	34.2							
09/27/89	01:32		SWL-CO-02-02		32	36.9	165	73	15000	6900	120	2.5	1.1
09/27/89	02:15	midpoint				37.6							
09/27/89	02:58		SWL-CO-02-03		48	38.3							
09/27/89	04:49		SWL-CO-02-03		46	40.2							
09/27/89	05:16	CO-5		58		40.6							
09/27/89	06:39		SWL-CO-02-03		32	42.0	163	61	9800	3400	99	1.6	0.6
09/27/89	08:42	midpoint				44.1							
09/27/89	10:45		SWL-CO-02-04		52	46.1							
09/27/89	12:07		SWL-CO-02-04		66	47.5							
09/27/89	14:44		SWL-CO-02-04		74	50.1	155	80	10000	3100	124	1.5	0.5
09/27/89	15:07					50.5							
09/27/89	15:55	CO-6		53		51.3							
							1594	68.6 (WTD AVG)	17276 (WTD AVG)	6524 (WTD AVG)	1093	27.5	10.4
							1600	69 (%)	17000 (mg/kg)	6500 (mg/kg)	1100 (kg)	28 (kg)	10 (kg)

000390

COMBINED DEWATERING EFFLUENT (CDE) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	----CDE RATE---- (gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	CDE FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS mg/L	TOC mg/L	TRPH mg/L	SOLIDS kg	TOC kg	TRPH kg
09/25/89	12:37				0								
09/25/89	15:18	SWL-CDE-01-01			2.7	70							
09/25/89	15:25	#2			2.8								
09/25/89	16:45	SWL-CDE-01-01			4.1	60							
09/25/89	17:08	#2	5.89	2947	4.5								
09/25/89	18:55	SWL-CDE-01-01			6.3	40	9901	572	220	2.7	5.7	2.2	0.027
09/25/89	19:10	#2	6.37	3186	6.6								
09/25/89	20:04	midpoint			7.4								
09/25/89	21:13	SWL-CDE-01-02			8.6	36							
09/25/89	21:30	#2	4.50	2251	8.9								
09/25/89	22:53	SWL-CDE-01-02			10.3	36							
09/25/89	23:03	#2	6.18	3091	10.4								
09/26/89	00:55	SWL-CDE-01-02			12.3	35	6991	497	78	6.4	3.5	0.5	0.045
09/26/89	01:10	#2	5.14	2573	12.6								
09/26/89	01:55	midpoint			13.3								
09/26/89	02:05	#2	5.18	2590	13.5								
09/26/89	02:55	SWL-CDE-01-03			14.3	34							
09/26/89	03:14	#2	5.19	2595	14.6								
09/26/89	04:04	#2	4.78	2391	15.5								
09/26/89	04:51	SWL-CDE-01-03			16.2	33							
09/26/89	05:17	#2	5.39	2695	16.7								
09/26/89	06:07	#2	5.01	2505	17.5								
09/26/89	06:36	SWL-CDE-01-03			18.0	33	6673	664	88	8.5	4.4	0.6	0.056
09/26/89	07:39	midpoint			19.0								
09/26/89	08:02	#2	5.09	2548	19.4								
09/26/89	08:43	SWL-CDE-01-04			20.1								
09/26/89	10:30	#2	4.24	2123	21.9								
09/26/89	10:33	SWL-CDE-01-04			21.9	55							
09/26/89	11:07	#1			22.5								
09/26/89	13:23	SWL-CDE-01-04			24.8	61	7037	780	71	4.9	5.5	0.5	0.035

000391

COMBINED DEWATERING EFFLUENT (CDE) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.		----CDE RATE---- (gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	CDE FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS mg/L	TOC mg/L	TRPH mg/L	SOLIDS kg	TOC kg	TRPH kg
09/26/89	13:49	#1		4.76	2382	25.2								
09/26/89	14:27	midpoint				25.8								
09/26/89	15:32		SWL-CDE-02-01			26.9	62							
09/26/89	15:52	#1		4.90	2450	27.2								
09/26/89	16:52		SWL-CDE-02-01			28.2	64							
09/26/89	17:05	#1		5.11	2559	28.5								
09/26/89	18:10		SWL-CDE-02-01			29.5	40	6029	461	49	3.5	2.8	0.3	0.021
09/26/89	18:42	#1		4.91	2455	30.1								
09/26/89	19:50	midpoint				31.2								
09/26/89	20:51	#1		4.82	2410	32.2								
09/26/89	21:31		SWL-CDE-02-02			32.9	50							
09/26/89	22:46		SWL-CDE-02-02			34.1	49							
09/26/89	23:21	#1		4.68	2341	34.7								
09/27/89	00:35	#1		4.42	2213	36.0								
09/27/89	01:35		SWL-CDE-02-02			37.0	46	6784	702	42	7.2	4.8	0.3	0.049
09/27/89	02:20	midpoint				37.7								
09/27/89	02:34	#1		4.49	2249	38.0								
09/27/89	03:05		SWL-CDE-02-03			38.5	48							
09/27/89	04:25	#1		4.98	2492	39.8								
09/27/89	04:47		SWL-CDE-02-03			40.2	46							
09/27/89	06:35		SWL-CDE-02-03			42.0	36	6978	1030	140	3.8	7.2	1.0	0.027
09/27/89	07:04	#1		4.52	2263	42.5								
09/27/89	08:49	midpoint				44.2								
09/27/89	10:30	#1		4.85	2426	45.9								
09/27/89	11:03		SWL-CDE-02-04			46.4	52							
09/27/89	11:22	#1		4.74	2371	46.7								
09/27/89	12:10		SWL-CDE-02-04			47.5	66							
09/27/89	12:29	#1		4.62	2314	47.9								
09/27/89	12:52	#1		4.46	2229	48.2								
09/27/89	12:52	#2				48.2								

000392

COMBINED DEWATERING EFFLUENT (CDE) -- LOW SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	CDE RATE (gpm)	CDE RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	CDE FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS mg/L	TOC mg/L	TRPH mg/L	SOLIDS kg	TOC kg	TRPH kg
09/27/89	14:51	SWL-CDE-02-04			50.2	74	6457	474	48	3.7	3.1	0.3	0.024
09/27/89	15:07				50.5								
09/27/89	15:27	#2	4.13	2067	50.8								
							56850	648 (WTD AVG)	100 (WTD AVG)	5.0 (WTD AVG)	36.8	5.7	0.28
							57000	650 (mg/l)	100 (mg/l)	5 (mg/l)	37 (kg)	5.7 (kg)	0.28 (kg)

000393

WASHED SOIL (WS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/29/89	23:38					-0.2							
09/29/89	23:48					0							
09/30/89	00:49	WS-X		621		1.0							
09/30/89	01:50		SWH-WS-01-01		55	2.0							
09/30/89	02:26	WS-12		454		2.6							
09/30/89	03:40		SWH-WS-01-01		54	3.9							
09/30/89	04:05	WS-X		454		4.3							
09/30/89	05:12		SWH-WS-01-01		52	5.4	1393	36	930	480	502	1.3	0.7
09/30/89	05:41	WS-12		471		5.9							
09/30/89	06:08	midpoint				6.3							
09/30/89	07:04		SWH-WS-01-02		53	7.3							
09/30/89	07:28	WS-X		450		7.7							
09/30/89	09:20	WS-12		412		9.5							
09/30/89	10:23		SWH-WS-01-02		70	10.6							
09/30/89	11:31	WS-X		373		11.7							
09/30/89	11:51		SWH-WS-01-02		78	12.1	1189	71	4100	410	844	4.9	0.5
09/30/89	12:30	Irregular performance begins				12.7							
09/30/89	13:21	WS-12		446		13.6							
09/30/89	15:00	WS-X		489		15.2							
09/30/89	18:30	Irregular performance ends				18.7							
09/30/89	18:50	WS-13		197		19.0							
09/30/89	19:12	WS-14		476		19.4							
09/30/89	19:45		SWH-WS-01-04		44	20.0							
09/30/89	20:45	WS-13		472		21.0							
09/30/89	22:16		SWH-WS-01-04		43	22.5							
09/30/89	22:25	WS-15		443		22.6							

WASHED SOIL (WS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/30/89	23:52	WS-16		523		24.1							
10/01/89	00:25		SWH-WS-01-04		64	24.6	1429	71	510	530	1015	0.7	0.8
10/01/89	01:18	midpoint				25.5							
10/01/89	01:30	WS-15		473		25.7							
10/01/89	02:12		SWH-WS-02-01		63	26.4							
10/01/89	03:11	WS-16		460		27.4							
10/01/89	03:40		SWH-WS-02-01		61	27.9							
10/01/89	04:52	WS-15		468		29.1							
10/01/89	05:46		SWH-WS-02-01		61	30.0	1128	73	1200	210	823	1.4	0.2
10/01/89	06:42	WS-16		413		30.9							
10/01/89	06:53	midpoint				31.1							
10/01/89	08:00		SWH-WS-02-02		61	32.2							
10/01/89	08:39	WS-15		419		32.9							
10/01/89	09:47		SWH-WS-02-02		70	34.0							
10/01/89	10:21	WS-16		340		34.6							
10/01/89	11:53		SWH-WS-02-02		79	36.1	1213	73	2000	390	886	2.4	0.5
10/01/89	12:15	WS-15		438		36.5							
10/01/89	12:56	midpoint				37.1							
10/01/89	13:59		SWH-WS-02-03		85	38.2							
10/01/89	14:10	WS-16		445		38.4							
10/01/89	15:58	WS-15		433		40.2							
10/01/89	16:04		SWH-WS-02-03		90	40.3							
10/01/89	17:36		SWH-WS-02-03		82	41.8	939	73	3300	650	685	3.1	0.6
10/01/89	18:43	midpoint				42.9							
10/01/89	18:50	WS-16		270		43.0							
10/01/89	19:50		SWH-WS-02-04		60	44.0							

000395

WASHED SOIL (WS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	21:45	WS-15		371		46.0							
10/01/89	22:20		SWH-WS-02-04		54	46.5							
10/01/89	23:30		SWH-WS-02-04		50	47.7	670	72	1300	650	482	0.9	0.4
10/01/89	23:40					47.9							
10/01/89	23:45	WS-16		383		48.0							
10/03/89	08:00					80.2							
10/03/89	08:39					80.9							
10/03/89	10:05		SWH-WS-04-01		37	82.3							
10/03/89	10:20	WS-18		501		82.5							
10/03/89	12:00		SWH-WS-04-01		55	84.2							
10/03/89	12:00	WS-14		505		84.2							
10/03/89	13:42	WS-18		485		85.9							
10/03/89	14:29		SWH-WS-04-01		46	86.7	1697	69	4100	290	1171	7.0	0.5
10/03/89	15:12	WS-14		544		87.4							
10/03/89	15:23	midpoint				87.6							
10/03/89	16:17		SWH-WS-04-02		50	88.5							
10/03/89	16:44	WS-18		484		88.9							
10/03/89	17:40		SWH-WS-04-02		48	89.9							
10/03/89	18:16	WS-19		532		90.5							
10/03/89	19:53	WS-18		497		92.1							
10/03/89	19:55		SWH-WS-04-02		43	92.1	1351	72	3100	540	973	4.2	0.7
10/03/89	21:05	WS-19		589		93.3							
10/03/89	21:05	midpoint				93.3							
10/03/89	22:15		SWH-WS-04-03		37	94.5							
10/03/89	22:30	WS-18		514		94.7							
10/03/89	23:05		SWH-WS-04-03		39	95.3							

000396

WASHED SOIL (WS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/04/89	00:00	WS-19		514		96.2							
10/04/89	01:20	WS-18		575		97.5							
10/04/89	01:40		SWH-WS-04-03		34	97.9	1365	73	3900	730	997	5.3	1.0
10/04/89	02:46	midpoint				99.0							
10/04/89	02:50	WS-20		516		99.0							
10/04/89	03:53		SWH-WS-04-04		28	100.1							
10/04/89	04:25	WS-18		515		100.6							
10/04/89	05:55		SWH-WS-04-04		28	102.1							
10/04/89	06:05	WS-20		484		102.3							
10/04/89	07:32	WS-18		506		103.7							
10/04/89	07:44		SWH-WS-04-04		30	103.9	1409	71	3950	925	1000	5.6	1.3
10/04/89	08:55	midpoint				105.1							
10/04/89	09:15	WS-20		518		105.5							
10/04/89	10:07		SWH-WS-05-01		46	106.3							
10/04/89	10:42	WS-18		568		106.9							
10/04/89	12:10		SWH-WS-05-01		63	108.4							
10/04/89	12:12	WS-20		572		108.4							
10/04/89	13:35	WS-18		587		109.8							
10/04/89	13:39		SWH-WS-05-01		59	109.9	1718	72.5	4600	1000	1246	7.9	1.7
10/04/89	14:52	WS-20		651		111.1							
10/04/89	15:49	midpoint				112.0							
10/04/89	16:48	WS-21		306		113.0							
10/04/89	17:59		SWH-WS-05-02		54	114.2							
10/04/89	18:28	WS-20		470		114.7							
10/04/89	19:45		SWH-WS-05-02		52	116.0							
10/04/89	20:05	WS-18		506		116.3							

000397

WASHED SOIL (WS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/04/89	21:26		SWH-WS-05-02		50	117.6	1310	69	5400	1200	904	7.1	1.6
10/04/89	21:48	WS-20		456		118.0							
10/04/89	22:20	midpoint				118.5							
10/04/89	23:36		SWH-WS-05-03		48	119.8							
10/04/89	23:55	WS-18		381		120.1							
10/05/89	01:35		SWH-WS-05-03		46	121.8							
10/05/89	01:52	WS-20		413		122.1							
10/05/89	03:37	WS-21		441		123.8							
10/05/89	03:43		SWH-WS-05-03		40	123.9	1257	70	4300	930	880	5.4	1.2
10/05/89	04:56	midpoint				125.1							
10/05/89	05:23	WS-20		446		125.6							
10/05/89	06:10		SWH-WS-05-04		46	126.4							
10/05/89	07:02	WS-21		465		127.2							
10/05/89	07:34		SWH-WS-05-04		46	127.8							
10/05/89	08:58	WS-22		447		129.2							
10/05/89	10:15		SWH-WS-05-04		52	130.5	1251	74	3800	1000	925	4.8	1.3
10/05/89	10:47	WS-21		442		131.0							
10/05/89	11:06	midpoint				131.3							
10/05/89	11:57		SWH-WS-06-01		66	132.2							
10/05/89	12:48	WS-22		397		133.0							
10/05/89	14:23		SWH-WS-06-01		64	134.6							
10/05/89	14:37	WS-23		477		134.8							
10/05/89	16:08		SWH-WS-06-01		55	136.3	1229	73	1900	330	897	2.3	0.4
10/05/89	16:17	WS-22		502		136.5							
10/05/89	16:59	midpoint				137.2							
10/05/89	17:50		SWH-WS-06-02		54	138.0							

WASHED SOIL (WS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/05/89	17:55	WS-23		473		138.1							
10/05/89	19:21		SWH-WS-06-02		52	139.6							
10/05/89	19:35	WS-22		478		139.8							
10/05/89	21:22	WS-24		450		141.6							
10/05/89	22:05		SWH-WS-06-02		50	142.3	1227	75	3600	940	920	4.4	1.2
10/05/89	22:48	midpoint				143.0							
10/05/89	23:02	WS-22		464		143.2							
10/05/89	23:31		SWH-WS-06-03		48	143.7							
10/06/89	00:48	WS-25		445		145.0							
10/06/89	01:49		SWH-WS-06-03		46	146.0							
10/06/89	02:25	WS-22		501		146.6							
10/06/89	03:43		SWH-WS-06-03		43	147.9	1081	64	3500	1300	692	3.8	1.4
10/06/89	03:44					147.9							
10/06/89	03:56	WS-25		515		148.1							
							22857	69 (WTD AVG)	3166 (WTD AVG)	694 (WTD AVG)	15842	72.4	15.9
							23000	69 (%)	3200 (mg/kg)	690 (mg/kg)	16000 (kg)	72 (kg)	16 (kg)

000399

MUNICIPAL WATER (MW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME		TOTAL (gpm)	TOTAL (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	MW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/29/89	23:48				0								
09/30/89	01:16		0.45	225	1.5								
09/30/89	02:12	SWH-MW-01-01			2.4	55							
09/30/89	03:28		0.56	280	3.7								
09/30/89	05:06		0.50	250	5.3								
09/30/89	05:30	SWH-MW-01-01			5.7	52							
09/30/89	06:56		0.52	260	7.1								
09/30/89	10:19	SWH-MW-01-01			10.5	68	974	235	1.9	0	0.23	0.00	0.00
09/30/89	11:08		0.35	175	11.3								
09/30/89	12:23		0.80	400	12.6								
09/30/89	12:30	irreg. perf. begins			12.7								
09/30/89	13:28		0.60	300	13.7								
09/30/89	15:10		0.30	150	15.4								
09/30/89	18:30	irreg. perf. ends			18.7								
09/30/89	20:02	SWH-MW-01-02			20.2	75							
09/30/89	20:40		0.50	250	20.9								
09/30/89	22:19	SWH-MW-01-02			22.5	70							
09/30/89	22:44		0.50	250	22.9								
10/01/89	00:03	SWH-MW-01-02			24.3	64	139	300	28.0	0	0.04	0.00	0.00
10/01/89	01:11		0.85	425	25.4								
10/01/89	02:05	midpoint			26.3								
10/01/89	02:39		0.87	435	26.9								
10/01/89	04:08	SWH-MW-02-01			28.3	61							
10/01/89	04:42		0.50	250	28.9								
10/01/89	07:08		0.51	255	31.3								
10/01/89	07:49	SWH-MW-02-01			32.0	61							

MUNICIPAL WATER (MW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME		TOTAL (gpm)	TOTAL (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	MW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	08:25		0.45	225	32.6								
10/01/89	10:06		0.78	390	34.3								
10/01/89	10:36	SWH-MW-02-01			34.8	78	1083	350	4.8	0	0.38	0.01	0.00
10/01/89	13:07	midpoint			37.3								
10/01/89	14:39		0.65	325	38.9								
10/01/89	15:21		0.65	325	39.6								
10/01/89	15:39	SWH-MW-02-02			39.8	90							
10/01/89	16:30		0.85	425	40.7								
10/01/89	20:06	SWH-MW-02-02			44.3	68							
10/01/89	20:26		0.00	0	44.6								
10/01/89	22:28		0.00	0	46.7								
10/01/89	23:38	SWH-MW-02-02			47.8	50	209	304	2.6	0	0.06	0.00	0.00
10/01/89	23:40				47.9								
10/02/89	00:24		0.60	300	48.6								
10/03/89	08:00				80.2								
10/03/89	08:33		0.75	375	80.8								
10/03/89	10:29		0.70	350	82.7								
10/03/89	11:54	SWH-MW-04-01			84.1	55							
10/03/89	12:14		0.40	200	84.4								
10/03/89	14:48		0.72	360	87.0								
10/03/89	16:11	SWH-MW-04-01			88.4	50							
10/03/89	16:33		0.45	225	88.8								
10/03/89	18:08		0.75	375	90.3								
10/03/89	20:13	SWH-MW-04-01			92.4	43	1158	277	24.0	0	0.32	0.03	0.00
10/03/89	20:21		0.00	0	92.6								
10/03/89	21:37	midpoint			93.8								

000401

MUNICIPAL WATER (MW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME		TOTAL (gpm)	TOTAL (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	MW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/03/89	21:55		0.00	0	94.1								
10/03/89	23:01	SWH-MW-04-02			95.2	39							
10/03/89	23:49		0.00	0	96.0								
10/04/89	01:29		0.00	0	97.7								
10/04/89	03:37		0.00	0	99.8								
10/04/89	03:50	SWH-MW-04-02			100.0	28							
10/04/89	05:34		0.00	0	101.8								
10/04/89	07:30		0.33	165	103.7								
10/04/89	07:40	SWH-MW-04-02			103.9	30	145	203	54.0	0	0.03	0.01	0.00
10/04/89	09:51	midpoint			106.1								
10/04/89	10:25		0.00	0	106.6								
10/04/89	12:03	SWH-MW-05-01			108.3	63							
10/04/89	12:21		0.60	300	108.6								
10/04/89	13:59		0.30	150	110.2								
10/04/89	17:35		0.00	0	113.8								
10/04/89	17:56	SWH-MW-05-01			114.1	54							
10/04/89	19:57		0.00	0	116.2								
10/04/89	21:32	SWH-MW-05-01			117.7	50	152	246	3.7	0	0.04	0.00	0.00
10/04/89	21:40		0.00	0	117.9								
10/04/89	23:31	midpoint			119.7								
10/04/89	23:45		0.00	0	120.0								
10/05/89	01:31	SWH-MW-05-02			121.7	46							
10/05/89	02:15		0.00	0	122.5								
10/05/89	04:30		0.00	0	124.7								
10/05/89	05:55		0.00	0	126.1								
10/05/89	06:12	SWH-MW-05-02			126.4	46							

MUNICIPAL WATER (MW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME		TOTAL (gpm)	TOTAL (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	MW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/05/89	10:03	SWH-MW-05-02			130.3	52	211	554	32.5	0	0.12	0.01	0.00
10/05/89	10:39		0.30	150	130.9								
10/05/89	11:36		0.60	300	131.8								
10/05/89	12:12	midpoint			132.4								
10/05/89	14:21	SWH-MW-06-01			134.6	64							
10/05/89	14:48		0.30	150	135.0								
10/05/89	16:34		0.30	150	136.8								
10/05/89	17:42	SWH-MW-06-01			137.9	57							
10/05/89	18:28		0.00	0	138.7								
10/05/89	19:45		0.00	0	140.0								
10/05/89	22:02	SWH-MW-06-01			142.2	50	110	770	13.0	0	0.08	0.00	0.00
10/05/89	23:12		0.00	0	143.4								
10/05/89	23:53	midpoint			144.1								
10/06/89	00:02		0.00	0	144.2								
10/06/89	01:28		0.00	0	145.7								
10/06/89	01:44	SWH-MW-06-02			145.9	46							
10/06/89	03:23		0.00	0	147.6								
10/06/89	03:44				147.9								
10/06/89	03:44	SWH-MW-06-02			147.9	46	0	873	7.6	0	0.00	0.00	0.00
							4182	312 (WTD AVG)	13 (WTD AVG)	0 (WTD AVG)	1.30	0.056	0.00
							4200	310 (mg/l)	13 (mg/l)	0 (mg/l)	1.3 (kg)	0.056 (kg)	0 (kg)

000403

FEED SOIL (FS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE ID	FEED RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/29/89	23:48			0								
09/30/89	01:15			1.5								
09/30/89	01:48	SWH-FS-01-01		2.0	55							
09/30/89	03:26		316	3.6								
09/30/89	03:37	SWH-FS-01-01		3.8	54							
09/30/89	05:05		340	5.3								
09/30/89	05:09	SWH-FS-01-01		5.3	52	908	88	48000	9800	799	44	8.9
09/30/89	06:02	midpoint		6.2								
09/30/89	06:55		309	7.1								
09/30/89	07:02	SWH-FS-01-02		7.2	53							
09/30/89	10:04		264	10.3								
09/30/89	10:18	SWH-FS-01-02		10.5								
09/30/89	11:06		319	11.3								
09/30/89	11:50	SWH-FS-01-02		12.0		859	49	36000	10000	421	31	8.6
09/30/89	12:19		329	12.5								
09/30/89	12:30	irreg. perf. begins		12.7								
09/30/89	13:27		319	13.7								
09/30/89	15:05		319	15.3								
09/30/89	18:00		86	18.2								
09/30/89	18:30	irreg. perf. ends		18.7								
09/30/89	18:53		311	19.1								
09/30/89	19:36	SWH-FS-01-04		19.8	75							
09/30/89	20:38		323	20.8								
09/30/89	22:11	SWH-FS-01-04		22.4	70							
09/30/89	22:43		347	22.9								
10/01/89	00:24	SWH-FS-01-04		24.6	64	975	89	41000	9700	868	40	9.5

FEED SOIL (FS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE ID	FEED RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	01:06	midpoint		25.3								
10/01/89	01:10		311	25.4								
10/01/89	01:49	SWH-FS-02-01		26.0	63							
10/01/89	02:34		370	26.8								
10/01/89	03:58	SWH-FS-02-01		28.2	61							
10/01/89	04:40		323	28.9								
10/01/89	05:44	SWH-FS-02-01		29.9	61	842	85	40000	11000	716	34	9.3
10/01/89	06:48	midpoint		31.0								
10/01/89	07:07		300	31.3								
10/01/89	07:52	SWH-FS-02-02		32.1	61							
10/01/89	08:24		318	32.6								
10/01/89	09:40	SWH-FS-02-02		33.9	70							
10/01/89	10:04		325	34.3								
10/01/89	11:42	SWH-FS-02-02		35.9	79	849	89	19000	9900	755	16	8.4
10/01/89	12:46	midpoint		37.0								
10/01/89	13:50	SWH-FS-02-03		38.0	85							
10/01/89	14:38		306	38.8								
10/01/89	15:20		296	39.5								
10/01/89	15:47	SWH-FS-02-03		40.0	90							
10/01/89	16:29		198	40.7								
10/01/89	17:44	SWH-FS-02-03		41.9	82	709	88	36000	9800	624	26	6.9
10/01/89	18:45	midpoint		43.0								
10/01/89	19:46	SWH-FS-02-04		44.0	79							
10/01/89	20:25		245	44.6								
10/01/89	22:16	SWH-FS-02-04		46.5	54							
10/01/89	22:26		146	46.7								

000405

FEED SOIL (FS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE ID	FEED RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	23:28	SWH-FS-02-04		47.7	50	459	88	25000	1100	404	11	0.5
10/01/89	23:40	SBR FEEDING BEGI		47.9								
10/02/89	00:23		253	48.6								
10/03/89	08:00	HIGH SOIL TEST R		80.2								
10/03/89	08:31			80.7								
10/03/89	10:00	SWH-FS-04-01		82.2	37							
10/03/89	10:27		337	82.7								
10/03/89	11:52	SWH-FS-04-01		84.1	55							
10/03/89	12:13		433	84.4								
10/03/89	14:26	SWH-FS-04-01		86.6	46	1329	88	7100	9000	1170	9	12.0
10/03/89	14:47		429	87.0								
10/03/89	15:19	midpoint		87.5								
10/03/89	16:13	SWH-FS-04-02		88.4	50							
10/03/89	16:32		442	88.7								
10/03/89	17:36	SWH-FS-04-02		89.8	48							
10/03/89	18:08		442	90.3								
10/03/89	19:59	SWH-FS-04-02		92.2	43	1162	88	5400	9100	1023	6	10.6
10/03/89	20:20		452	92.5								
10/03/89	21:03	midpoint		93.3								
10/03/89	21:55		450	94.1								
10/03/89	22:08	SWH-FS-04-03		94.3	37							
10/03/89	23:09	SWH-FS-04-03		95.4	39							
10/03/89	23:48		435	96.0								
10/04/89	01:27		475	97.7								
10/04/89	01:39	SWH-FS-04-03		97.9	34	1161	87	3200	11000	1010	4	12.8
10/04/89	02:41	midpoint		98.9								

000406

FEED SOIL (FS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE ID	FEED RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/04/89	03:35		459	99.8								
10/04/89	03:44	SWH-FS-04-04		99.9	28							
10/04/89	05:33		415	101.8								
10/04/89	06:03	SWH-FS-04-04		102.3	28							
10/04/89	07:29		447	103.7								
10/04/89	07:42	SWH-FS-04-04		103.9	30	1243	86	6000	6950	1069	7	8.6
10/04/89	08:52	midpoint		105.1								
10/04/89	10:03	SWH-FS-05-01		106.3	45							
10/04/89	10:24		468	106.6								
10/04/89	11:59	SWH-FS-05-01		108.2	63							
10/04/89	12:20		462	108.5								
10/04/89	13:38	SWH-FS-05-01		109.8	59	1461	87	6000	9200	1263	9	13.4
10/04/89	13:57		555	110.2								
10/04/89	15:40		404	111.9								
10/04/89	15:45	midpoint		112.0								
10/04/89	17:35		286	113.8								
10/04/89	17:52	SWH-FS-05-02		114.1	54							
10/04/89	19:43	SWH-FS-05-02		115.9	52							
10/04/89	19:57		373	116.2								
10/04/89	21:36	SWH-FS-05-02		117.8	50	1030	69	12000	9100	711	12	9.4
10/04/89	21:40		345	117.9								
10/04/89	22:34	midpoint		118.8								
10/04/89	23:33	SWH-FS-05-03		119.8	48							
10/04/89	23:45		299	120.0								
10/05/89	01:29	SWH-FS-05-03		121.7	46							
10/05/89	02:15		347	122.5								

000407

FEED SOIL (FS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE ID	FEED RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/05/89	03:50	SWH-FS-05-03		124.0	48	954	86	16000	8200	820	15	7.8
10/05/89	04:30		330	124.7								
10/05/89	04:55	midpoint		125.1								
10/05/89	05:55		342	126.1								
10/05/89	06:00	SWH-FS-05-04		126.2	46							
10/05/89	07:30	SWH-FS-05-04		127.7	46							
10/05/89	10:10	SWH-FS-05-04		130.4	52	906	77	12000	7400	701	11	6.7
10/05/89	10:39		333	130.9								
10/05/89	11:00	midpoint		131.2								
10/05/89	11:36		216	131.8								
10/05/89	11:51	SWH-FS-06-01		132.1	64							
10/05/89	14:28	SWH-FS-06-01		134.7	64							
10/05/89	14:46		380	135.0								
10/05/89	15:49	SWH-FS-06-01		136.0	55	916	85	11000	10000	778	10	9.2
10/05/89	16:42	midpoint		136.9								
10/05/89	17:36	SWH-FS-06-02		137.8	54							
10/05/89	18:28		354	138.7								
10/05/89	19:18	SWH-FS-06-02		139.5	52							
10/05/89	19:45		379	140.0								
10/05/89	22:02	SWH-FS-06-02		142.2	50	975	87	5900	5400	848	6	5.3
10/05/89	22:48	midpoint		143.0								
10/05/89	23:12		341	143.4								
10/05/89	23:34	SWH-FS-06-03		143.8	48							
10/06/89	00:02		293	144.2								
10/06/89	01:28		398	145.7								
10/06/89	01:37	SWH-FS-06-03		145.8	46							

000408

FEED SOIL (FS) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	SAMPLE ID	FEED RATE (lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	FS FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/06/89	03:22		410	147.6								
10/06/89	03:31	SWH-FS-06-03		147.7	43	853	88	7900	9900	750	7	8.4
10/06/89	03:44			147.9								
						17589	84 (WTD AVG	16941 (WTD AVG	8881 (WTD AVG)	14730	298	156
						18000	84 (%)	17000 (mg/kg)	8900 (mg/kg)	15000 (kg)	300 (kg)	160 (kg)

000409

FINE PARTICLE CAKE (FPC) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FPC FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/29/89	23:48					0.0							
09/30/89	02:05		SWH-FPC-01-01		39	2.3							
09/30/89	03:45		SWH-FPC-01-01		39	4.0							
09/30/89	05:16		SWH-FPC-01-01		38	5.5	204	30	50000	1900	61	10	0.4
09/30/89	06:12	FPC-15		69		6.4							
09/30/89	06:16	midpoint				6.5							
09/30/89	07:17		SWH-FPC-01-02		38	7.5							
09/30/89	10:34		SWH-FPC-01-02		70	10.8							
09/30/89	11:04	FPC-16		102		11.3							
09/30/89	12:04		SWH-FPC-01-02		46	12.3	279	28	45000	2900	78	13	0.8
09/30/89	12:30	irreg. perf. begins				12.7							
09/30/89	16:25	FPC-17		90		16.6							
09/30/89	18:30	irreg. perf. ends				18.7							
09/30/89	19:05	FPC-18		23		19.3							
09/30/89	19:40		SWH-FPC-01-04		45	19.9							
09/30/89	22:05		SWH-FPC-01-04		44	22.3							
10/01/89	00:27		SWH-FPC-01-04		42	24.7	246	32	16000	2000	79	4	0.5
10/01/89	00:33	FPC-19		86		24.8							
10/01/89	01:15	midpoint				25.5							
10/01/89	02:03		SWH-FPC-02-01		41	26.3							
10/01/89	04:00		SWH-FPC-02-01		41	28.2							
10/01/89	06:07		SWH-FPC-02-01		41	30.3	224	35	100000	3200	78	22	0.7
10/01/89	06:11	FPC-20		84		30.4							
10/01/89	07:10	midpoint				31.4							
10/01/89	08:13		SWH-FPC-02-02		41	32.4							
10/01/89	09:58		SWH-FPC-02-02		70	34.2							

000410

FINE PARTICLE CAKE (FPC) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FPC FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	11:50		SWH-FPC-02-02		78	36.0	208	34	54000	2200	71	11	0.5
10/01/89	12:37	FPC-21		79		36.8							
10/01/89	13:05	midpoint				37.3							
10/01/89	14:20		SWH-FPC-02-03		85	38.5							
10/01/89	16:07		SWH-FPC-02-03		90	40.3							
10/01/89	17:47		SWH-FPC-02-03		82	42.0	175	16	110000	1400	28	19	0.2
10/01/89	18:51	midpoint				43.1							
10/01/89	19:55		SWH-FPC-02-04		43	44.1							
10/01/89	20:00	FPC-22		67		44.2							
10/01/89	22:24		SWH-FPC-02-04		39	46.6							
10/01/89	23:35		SWH-FPC-02-04		50	47.8	128	11	56000	2500	14	7	0.3
10/01/89	23:40					47.9							
10/02/89	00:45	FPC-23		56		49.0							
10/03/89	07:40					79.9							
10/03/89	08:00					80.2							
10/03/89	10:04		SWH-FPC-04-01		34	82.3							
10/03/89	11:58		SWH-FPC-04-01		39	84.2							
10/03/89	14:28		SWH-FPC-04-01		36	86.7	264	38	120000	2100	101	32	0.6
10/03/89	14:57	FPC-24		77		87.2							
10/03/89	15:21	midpoint				87.6							
10/03/89	16:15		SWH-FPC-04-02		38	88.5							
10/03/89	17:38		SWH-FPC-04-02		37	89.8							
10/03/89	19:42	FPC-25		116		91.9							
10/03/89	20:09		SWH-FPC-04-02		35	92.4	315	43	70000	1100	135	22	0.3
10/03/89	21:10	midpoint				93.4							
10/03/89	22:12		SWH-FPC-04-03		34	94.4							

000411

FINE PARTICLE CAKE (FPC) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FPC FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/03/89	23:02		SWH-FPC-04-03		34	95.2							
10/03/89	23:25	FPC-26		129		95.6							
10/04/89	01:53		SWH-FPC-04-03		33	98.1	279	44	44000	2100	123	12	0.6
10/04/89	02:54	midpoint				99.1							
10/04/89	03:55		SWH-FPC-04-04		31	100.1							
10/04/89	04:42	FPC-27		94		100.9							
10/04/89	06:08		SWH-FPC-04-04		31	102.3							
10/04/89	07:46		SWH-FPC-04-04		31	104.0	275	32	25000	3150	88	7	0.9
10/04/89	08:58	midpoint				105.2							
10/04/89	09:37	FPC-28		103		105.8							
10/04/89	10:10		SWH-FPC-05-01		36	106.4							
10/04/89	12:14		SWH-FPC-05-01		48	108.4							
10/04/89	13:42		SWH-FPC-05-01		40	109.9	265	35	98000	1000	93	26	0.3
10/04/89	15:45	FPC-29		83		112.0							
10/04/89	15:51	midpoint				112.1							
10/04/89	18:00		SWH-FPC-05-02		39	114.2							
10/04/89	19:50		SWH-FPC-05-02		38	116.0							
10/04/89	21:31		SWH-FPC-05-02		38	117.7	196	36	51000	2300	70	10	0.5
10/04/89	21:52	FPC-30		64		118.1							
10/04/89	22:35	midpoint				118.8							
10/04/89	23:39		SWH-FPC-05-03		37	119.9							
10/05/89	01:38		SWH-FPC-05-03		36	121.8							
10/05/89	03:47		SWH-FPC-05-03		37	124.0	189	34	64000	1800	64	12	0.3
10/05/89	04:58	midpoint				125.2							
10/05/89	05:53	FPC-31		65		126.1							
10/05/89	06:09		SWH-FPC-05-04		36	126.4							

FINE PARTICLE CAKE (FPC) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FPC FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/05/89	07:33		SWH-FPC-05-04		36	127.8							
10/05/89	10:17		SWH-FPC-05-04		38	130.5	164	34	82000	3600	55	13	0.6
10/05/89	11:09	midpoint				131.4							
10/05/89	12:02		SWH-FPC-06-01		43	132.2							
10/05/89	14:33		SWH-FPC-06-01		42	134.8							
10/05/89	15:20	FPC-32		57		135.5							
10/05/89	15:53		SWH-FPC-06-01		42	136.1	158	40	76000	1200	63	12	0.2
10/05/89	16:48	midpoint				137.0							
10/05/89	17:43		SWH-FPC-06-02		39	137.9							
10/05/89	19:23		SWH-FPC-06-02		38	139.6							
10/05/89	21:40	FPC-33		74		141.9							
10/05/89	22:05		SWH-FPC-06-02		38	142.3	203	47	30000	8600	95	6	1.7
10/05/89	22:53	midpoint				143.1							
10/05/89	23:42		SWH-FPC-06-03		37	143.9							
10/06/89	01:47		SWH-FPC-06-03		36	146.0							
10/06/89	03:37		SWH-FPC-06-03		35	147.8	158	38	37000	4400	60	6	0.7
10/06/89	03:44					147.9							
10/06/89	04:01	FPC-34		72		148.2							
							3931	35 (WTD AVG)	62,359 (WTD AVG)	2,560 (WTD AVG)	1357	245	10
							3900	35 (%)	62,000 (mg/kg)	2,600 (mg/kg)	1,400 (kg)	250 (kg)	10 (kg)

0004413

FINE OVERSIZE (FO) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/29/89	23:43					-0.1							
09/29/89	23:48					0							
09/30/89	01:52		SWH-FO-01-01		55	2.1							
09/30/89	03:38		SWH-FO-01-01		54	3.8							
09/30/89	05:14		SWH-FO-01-01		52	5.4	44	10	29000	2000	4.4	1.3	0.1
09/30/89	06:10	midpoint				6.4							
09/30/89	07:06		SWH-FO-01-02		53	7.3							
09/30/89	11:00		SWH-FO-01-02		74	11.2							
09/30/89	12:09		SWH-FO-01-02		78	12.4	43	12	19000	1200	5.1	0.8	0.1
09/30/89	12:30	irreg. perf. begins				12.7							
09/30/89	18:30	irreg. perf. ends				18.7							
09/30/89	19:10	FO-4		15		19.4							
09/30/89	19:50		SWH-FO-01-04		75	20.0							
09/30/89	21:55		SWH-FO-01-04		70	22.1							
10/01/89	00:12		SWH-FO-01-04		64	24.4	43	12	24000	2500	5.1	1.0	0.1
10/01/89	01:02	midpoint				25.2							
10/01/89	01:52		SWH-FO-02-01		63	26.1							
10/01/89	03:40		SWH-FO-02-01		61	27.9							
10/01/89	05:55		SWH-FO-02-01		61	30.1	39	11	34000	3700	4.3	1.3	0.1
10/01/89	06:58	midpoint				31.2							
10/01/89	08:02		SWH-FO-02-02		61	32.2							
10/01/89	09:58		SWH-FO-02-02		70	34.2							
10/01/89	12:07		SWH-FO-02-02		79	36.3	41	39	23000	5500	15.9	0.9	0.2
10/01/89	13:12	midpoint				37.4							
10/01/89	14:17		SWH-FO-02-03		85	38.5							
10/01/89	16:22		SWH-FO-02-03		90	40.6							

FINE OVERSIZE (FO) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	17:30		SWH-FO-02-03		82	41.7	36	14	52000	3100	5.0	1.9	0.1
10/01/89	18:40	midpoint				42.9							
10/01/89	19:50		SWH-FO-02-04		79	44.0							
10/01/89	22:27		SWH-FO-02-04		54	46.7							
10/01/89	23:28		SWH-FO-02-04		50	47.7	33	11	14000	3200	3.6	0.5	0.1
10/01/89	23:40					47.9							
10/02/89	00:45	FO-5		14		49.0							
10/03/89	05:25					77.6							
10/03/89	08:00					80.2							
10/03/89	10:18		SWH-FO-04-01		41	82.5							
10/03/89	12:08		SWH-FO-04-01		59	84.3							
10/03/89	14:42		SWH-FO-04-01		46	86.9	69	18	21000	11000	12.5	1.5	0.8
10/03/89	15:34	midpoint				87.8							
10/03/89	16:27		SWH-FO-04-02		50	88.7							
10/03/89	17:37		SWH-FO-04-02		48	89.8							
10/03/89	20:11		SWH-FO-04-02		43	92.4	51	16	14000	12000	8.2	0.7	0.6
10/03/89	21:10	midpoint				93.4							
10/03/89	22:10		SWH-FO-04-03		37	94.4							
10/03/89	23:01		SWH-FO-04-03		39	95.2							
10/04/89	01:43		SWH-FO-04-03		34	97.9	51	15	16000	9700	7.7	0.8	0.5
10/04/89	02:45	midpoint				99.0							
10/04/89	03:47		SWH-FO-04-04		28	100.0							
10/04/89	04:13	FO-7		20		100.4							
10/04/89	06:00		SWH-FO-04-04		28	102.2							
10/04/89	07:36		SWH-FO-04-04		30	103.8	97	16	15500	12000	15.5	1.5	1.2
10/04/89	08:54	midpoint				105.1							

FINE OVERSIZE (FO) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/04/89	10:12		SWH-FO-05-01		46	106.4							
10/04/89	12:07		SWH-FO-05-01		63	108.3	110	24	110000	13000	25.7	12.0	1.4
10/04/89	15:03	midpoint				111.3							
10/04/89	16:30	FO-8		39		112.7							
10/04/89	17:59		SWH-FO-05-02		54	114.2							
10/04/89	19:44		SWH-FO-05-02		52	115.9							
10/04/89	21:20		SWH-FO-05-02		50	117.5	78	12	27000	6400	9.4	2.1	0.5
10/04/89	22:27	midpoint				118.7							
10/04/89	23:34		SWH-FO-05-03		48	119.8							
10/05/89	01:25		SWH-FO-05-03		46	121.6							
10/05/89	03:40		SWH-FO-05-03		48	123.9	56	11	20000	12000	6.2	1.1	0.7
10/05/89	04:50	midpoint				125.0							
10/05/89	06:00		SWH-FO-05-04		46	126.2							
10/05/89	07:28		SWH-FO-05-04		46	127.7							
10/05/89	10:27		SWH-FO-05-04		52	130.7	57	21	28000	8800	11.7	1.6	0.5
10/05/89	11:12	FO-9		19		131.4							
10/05/89	11:19					131.5							
10/05/89	12:12		SWH-FO-06-01		66	132.4							
10/05/89	14:38		SWH-FO-06-01		64	134.8							
10/05/89	16:07		SWH-FO-06-01		55	136.3	54	14	21000	19000	7.6	1.1	1.0
10/05/89	16:53	midpoint				137.1							
10/05/89	17:40		SWH-FO-06-02		54	137.9							
10/05/89	19:21		SWH-FO-06-02		52	139.6							
10/05/89	21:53		SWH-FO-06-02		50	142.1	57	14	12000	12000	8.0	0.7	0.7
10/05/89	22:43	midpoint				142.9							
10/05/89	23:33		SWH-FO-06-03		48	143.8							

000416

FINE OVERSIZE (FO) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	FO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/06/89	01:39		SWH-FO-06-03		46	145.9							
10/06/89	03:31		SWH-FO-06-03		43	147.7	49	18	13000	19000	8.8	0.6	0.9
10/06/89	03:44					147.9							
10/06/89	03:58	FO-10		22		148.2							
FO-6 contained material collected during operating periods not within the scope of the evaluation.							1007	16 (WTD AVG	31293 (WTD AVG	9538 (WTD AVG)	164.6	31.5	9.6
							1000	16 (%)	31000 (mg/kg)	9500 (mg/kg)	160 (kg)	32 (kg)	10 (kg)

000417

COARSE OVERSIZE (CO) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	CO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/29/89	23:48					0							
09/29/89	23:51					0.1							
09/30/89	02:10		SWH-CO-01-01		55	2.4							
09/30/89	03:44		SWH-CO-01-01		54	3.9							
09/30/89	05:32		SWH-CO-01-01		52	5.7	129	56	25000	11000	72	3.2	1.4
09/30/89	06:26	midpoint				6.6							
09/30/89	07:20		SWH-CO-01-02		53	7.5							
09/30/89	10:00	CO-8		43		10.2							
09/30/89	10:25		SWH-CO-01-02		70	10.6							
09/30/89	11:55		SWH-CO-01-02		78	12.1	107	88	29000	12000	94	3.1	1.3
09/30/89	12:30	irreg. perf. begins				12.7							
09/30/89	18:30	irreg. perf. ends				18.7							
09/30/89	19:15	CO-9		33		19.5							
09/30/89	20:06		SWH-CO-01-04		75	20.3							
09/30/89	22:08		SWH-CO-01-04		70	22.3							
10/01/89	00:32		SWH-CO-01-04		64	24.7	154	49	54000	17000	75	8.3	2.6
10/01/89	01:23	midpoint				25.6							
10/01/89	02:15		SWH-CO-02-01		63	26.5							
10/01/89	03:35	CO-10		51		27.8							
10/01/89	04:05		SWH-CO-02-01		61	28.3							
10/01/89	05:49		SWH-CO-02-01		61	30.0	121	48	24000	8500	58	2.9	1.0
10/01/89	06:49	midpoint				31.0							
10/01/89	07:50		SWH-CO-02-02		61	32.0							
10/01/89	09:48		SWH-CO-02-02		70	34.0							
10/01/89	11:48		SWH-CO-02-02		78	36.0	130	53	33000	6900	69	4.3	0.9
10/01/89	12:53	midpoint				37.1							

COARSE OVERSIZE (CO) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	CO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	12:53	CO-11		47		37.1							
10/01/89	13:56		SWH-CO-02-03		85	38.1							
10/01/89	16:00		SWH-CO-02-03		90	40.2							
10/01/89	17:49		SWH-CO-02-03		82	42.0	103	43	27000	25000	44	2.8	2.6
10/01/89	18:54	midpoint				43.1							
10/01/89	20:00		SWH-CO-02-04		20	44.2							
10/01/89	22:14		SWH-CO-02-04		54	46.4							
10/01/89	23:38		SWH-CO-02-04		50	47.8	81	47	29000	6900	38	2.4	0.6
10/01/89	23:40					47.9							
10/02/89	00:45	CO-12		38		49.0							
10/03/89	03:47					76.0							
10/03/89	05:35	CO-14		95		77.8							
10/03/89	08:00					80.2							
10/03/89	10:01		SWH-CO-04-01		37	82.2							
10/03/89	11:16	CO-15		72		83.5							
10/03/89	11:57		SWH-CO-04-01		55	84.2							
10/03/89	14:35		SWH-CO-04-01		46	86.8	252	53	8400	15000	134	2.1	3.8
10/03/89	15:27	midpoint				87.7							
10/03/89	16:15	CO-16		77		88.5							
10/03/89	16:19		SWH-CO-04-02		50	88.5							
10/03/89	17:43		SWH-CO-04-02		48	89.9							
10/03/89	20:04		SWH-CO-04-02		43	92.3	212	55	3400	18000	116	0.7	3.8
10/03/89	21:10	midpoint				93.4							
10/03/89	21:10	CO-17		82		93.4							
10/03/89	22:15		SWH-CO-04-03		37	94.5							
10/03/89	23:08		SWH-CO-04-03		39	95.3							

000419

COARSE OVERSIZE (CO) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	CO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/04/89	01:54	CO-18		86		98.1							
10/04/89	01:56		SWH-CO-04-03		34	98.1	219	45	3100	20000	98	0.7	4.4
10/04/89	02:51	midpoint				99.1							
10/04/89	03:46		SWH-CO-04-04		28	100.0							
10/04/89	06:02		SWH-CO-04-04		28	102.2							
10/04/89	07:36		SWH-CO-04-04		30	103.8	218	48	13300	10700	105	2.9	2.3
10/04/89	07:45	CO-19		79		104.0							
10/04/89	08:50	midpoint				105.0							
10/04/89	10:04		SWH-CO-05-01		46	106.3							
10/04/89	11:59		SWH-CO-05-01		63	108.2							
10/04/89	12:35	CO-20		86		108.8							
10/04/89	13:35		SWH-CO-05-01		59	109.8	252	45.5	4500	12000	115	1.1	3.0
10/04/89	15:44	midpoint				111.9							
10/04/89	17:53		SWH-CO-05-02		54	114.1							
10/04/89	18:20	CO-21		74		114.5							
10/04/89	19:53		SWH-CO-05-02		52	116.1							
10/04/89	21:30		SWH-CO-05-02		50	117.7	222	61	22000	13000	135	4.9	2.9
10/04/89	22:35	midpoint				118.8							
10/04/89	23:05	CO-22		69		119.3							
10/04/89	23:41		SWH-CO-05-03		48	119.9							
10/05/89	01:26		SWH-CO-05-03		46	121.6							
10/05/89	03:40		SWH-CO-05-03		48	123.9	190	44	29000	31000	84	5.5	5.9
10/05/89	04:51	midpoint				125.1							
10/05/89	06:02		SWH-CO-05-04		46	126.2							
10/05/89	07:26		SWH-CO-05-04		46	127.6							
10/05/89	07:31	CO-23		67		127.7							

000420

COARSE OVERSIZE (CO) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	DRUM ID	SAMPLE ID	RATE (lbs/hr)	TEMP (F)	HOURS FROM TIME ZERO	CO FLOW DURING COMPOSITE PERIOD (kg)	SOLIDS (%)	TOC (mg/kg)	TRPH (mg/kg)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/05/89	10:12		SWH-CO-05-04		52	130.4	181	45.25	26000	13000	82	4.7	2.4
10/05/89	11:03	midpoint				131.3							
10/05/89	11:55		SWH-CO-06-01		66	132.1							
10/05/89	14:22	CO-24		62		134.6							
10/05/89	14:30		SWH-CO-06-01		66	134.7							
10/05/89	15:51		SWH-CO-06-01		55	136.1	230	48	26000	12000	111	6.0	2.8
10/05/89	16:49	midpoint				137.0							
10/05/89	17:47		SWH-CO-06-02		54	138.0							
10/05/89	17:48	CO-25		123		138.0							
10/05/89	19:26		SWH-CO-06-02		52	139.6							
10/05/89	21:48		SWH-CO-06-02		59	142.0	184	52	19000	21000	96	3.5	3.9
10/05/89	22:43	midpoint				142.9							
10/05/89	23:39		SWH-CO-06-03		48	143.9							
10/06/89	01:42		SWH-CO-06-03		46	145.9							
10/06/89	02:46	CO-26		58		147.0							
10/06/89	03:39		SWH-CO-06-03		43	147.9	146	59	27000	25000	86	3.9	3.6
10/06/89	03:44					147.9							
10/06/89	04:03	CO-27		91		148.3							
							3132	51	20134	15686	1613	63.1	49.1
								(WTD AVG	(WTD AVG	(WTD AVG)			
							3100	51	20000	16000	1600	63	49
								(%)	(mg/kg)	(mg/kg)	(kg)	(kg)	(kg)

FINE PARTICLE CAKE (FPC) -- HIGH SOIL TEST

000421

COMBINED DEWATERING EFFLUENT (CDE) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	----CDE RATE-- (gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/29/89	23:48					0								
09/30/89	01:17	#1				1.5								
09/30/89	02:03		SWH-CDE-01-01			2.3	55							
09/30/89	03:31	#1		4.25	2127	3.7								
09/30/89	03:42		SWH-CDE-01-01			3.9	54							
09/30/89	05:11	#1		4.84	2421	5.4								
09/30/89	05:15		SWH-CDE-01-01			5.5	52	6689	507	69	83.5	3.4	0.5	0.56
09/30/89	06:15	midpoint				6.5								
09/30/89	06:59	#1		5.20	2601	7.2								
09/30/89	07:16		SWH-CDE-01-02			7.5	53							
09/30/89	09:35	#1		4.68	2344	9.8								
09/30/89	09:58	#1		2.19	1095	10.2								
09/30/89	10:39		SWH-CDE-01-02			10.9	70							
09/30/89	10:48	#1		3.25	1626	11.0								
09/30/89	10:48	#2				11.0								
09/30/89	11:58		SWH-CDE-01-02			12.2	77	5949	507	6.3	9.43	3.0	0.0	0.06
09/30/89	12:25	#2		3.94	1972	12.6								
09/30/89	12:30	system irreg. begins				12.7								
09/30/89	15:05	#2		4.07	2038	15.3								
09/30/89	16:36	#2		3.92	1961	16.8								
09/30/89	18:30	system irreg. ends				18.7								
09/30/89	18:51	#2		4.22	2114	19.1								
09/30/89	20:00		SWH-CDE-01-04			20.2	75							
09/30/89	20:44	#2		3.28	1639	20.9								
09/30/89	21:50		SWH-CDE-01-04			22.0	70							
09/30/89	23:59		SWH-CDE-01-04			24.2	64	5718	507	66	13.3	2.9	0.4	0.08
10/01/89	01:04	midpoint				25.3								
10/01/89	01:15	#2		4.04	2021	25.5								
10/01/89	02:10		SWH-CDE-02-01			26.4	63							
10/01/89	02:37	#2		3.66	1833	26.8								
10/01/89	03:57		SWH-CDE-02-01			28.2	61							

000422

COMBINED DEWATERING EFFLUENT (CDE) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	----CDE RATE-- (gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	04:43	#2		4.31	2158	28.9								
10/01/89	05:53		SWH-CDE-02-01			30.1	61	5390	315	90	8.2	1.7	0.5	0.04
10/01/89	06:55	midpoint				31.1								
10/01/89	07:09	#2		4.06	2032	31.4								
10/01/89	07:58		SWH-CDE-02-02			32.2	61							
10/01/89	08:22	#2		4.18	2093	32.6								
10/01/89	09:43		SWH-CDE-02-02			33.9	70							
10/01/89	10:08	#2		3.67	1835	34.3								
10/01/89	10:40		SWH-CDE-02-02			34.9	78	4883	410	75	11.6	2.0	0.4	0.06
10/01/89	12:21	midpoint				36.6								
10/01/89	13:15	#2		4.07	2036	37.5								
10/01/89	13:15	#1				37.5								
10/01/89	14:02		SWH-CDE-02-03			38.2	85							
10/01/89	15:17	#1		3.24	1621	39.5								
10/01/89	15:41		SWH-CDE-02-03			39.9	90							
10/01/89	17:21	#1		3.81	1904	41.6								
10/01/89	17:42		SWH-CDE-02-03			41.9	82	5472	666	61	13.4	3.6	0.3	0.07
10/01/89	18:54	midpoint				43.1								
10/01/89	19:27	#1		3.86	1931	43.7								
10/01/89	20:06		SWH-CDE-02-04			44.3	68							
10/01/89	22:00	#1		3.72	1860	46.2								
10/01/89	22:21		SWH-CDE-02-04			46.6	54							
10/01/89	23:32		SWH-CDE-02-04			47.7	50	4048	878	68	11.0	3.6	0.3	0.04
10/01/89	23:40					47.9								
10/02/89	00:22	#1		3.74	1870	48.6								
10/03/89	07:31	#2				79.7								
10/03/89	08:00					80.2								
10/03/89	10:08		SWH-CDE-04-01			82.3	37							
10/03/89	10:25	#2		3.49	1748	82.6								
10/03/89	11:51		SWH-CDE-04-01			84.1	55							
10/03/89	12:15	#2		3.37	1686	84.5								

000423

COMBINED DEWATERING EFFLUENT (CDE) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	----CDE RATE-- (gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/03/89	14:31		SWH-CDE-04-01			86.7	46	5883	639	42	2.5	3.8	0.2	0.01
10/03/89	14:50	#2		3.69	1845	87.0								
10/03/89	15:21	midpoint				87.6								
10/03/89	16:12		SWH-CDE-04-02			88.4	50							
10/03/89	17:39		SWH-CDE-04-02			89.9	48							
10/03/89	19:26	#2		3.36	1682	91.6								
10/03/89	20:05		SWH-CDE-04-02			92.3	43	4394	734	69	6.0	3.2	0.3	0.03
10/03/89	21:11	midpoint				93.4								
10/03/89	21:30	#2		3.23	1616	93.7								
10/03/89	22:17		SWH-CDE-04-03			94.5	37							
10/03/89	22:52	#2		3.26	1633	95.1								
10/03/89	23:07		SWH-CDE-04-03			95.3	39							
10/03/89	23:39	#2		3.22	1609	95.9								
10/04/89	01:29	#2		3.15	1577	97.7								
10/04/89	01:52		SWH-CDE-04-03			98.1	34	4249	1610	73	8.7	6.8	0.3	0.04
10/04/89	02:55	midpoint				99.1								
10/04/89	03:34	#2		3.44	1722	99.8								
10/04/89	03:58		SWH-CDE-04-04			100.2	28							
10/04/89	05:29	#2		3.35	1678	101.7								
10/04/89	06:00		SWH-CDE-04-04			102.2	28							
10/04/89	07:30	#2		3.47	1738	103.7								
10/04/89	07:45		SWH-CDE-04-04			104.0	30	4696	925	80	13.6	4.3	0.4	0.06
10/04/89	08:56	midpoint				105.1								
10/04/89	09:33	#1				105.8								
10/04/89	10:08		SWH-CDE-05-01			106.3	46							
10/04/89	10:28	#1		2.48	1241	106.7								
10/04/89	12:12		SWH-CDE-05-01			108.4	61							
10/04/89	12:24	#1		2.75	1374	108.6								
10/04/89	13:40		SWH-CDE-05-01			109.9	59	3937	930	74	12.7	3.7	0.3	0.05
10/04/89	14:04	#1		2.88	1443	110.3								
10/04/89	15:51	midpoint				112.0								

000424

COMBINED DEWATERING EFFLUENT (CDE) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	----CDE RATE-- (gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/04/89	17:36	#1		1.93	964	113.8								
10/04/89	18:02		SWH-CDE-05-02			114.2	54							
10/04/89	19:38	#1		2.64	1323	115.8								
10/04/89	19:47		SWH-CDE-05-02			116.0	52							
10/04/89	21:25	#1		3.08	1541	117.6								
10/04/89	21:26		SWH-CDE-05-02			117.6	50	4040	419	150	28.3	1.7	0.6	0.11
10/04/89	22:31	midpoint				118.7								
10/04/89	23:37		SWH-CDE-05-03			119.8	48							
10/04/89	23:50	#1		3.20	1602	120.0								
10/05/89	01:25		SWH-CDE-05-03			121.6	46							
10/05/89	01:45	#1		3.06	1532	122.0								
10/05/89	03:32	#1		2.69	1346	123.7								
10/05/89	03:45		SWH-CDE-05-03			124.0	48	4289	1630	81	41.1	7.0	0.3	0.18
10/05/89	04:59	midpoint				125.2								
10/05/89	05:35	#1		2.76	1383	125.8								
10/05/89	06:14		SWH-CDE-05-04			126.4	46							
10/05/89	07:42	#1		2.15	1078	127.9								
10/05/89	07:49		SWH-CDE-05-04			128.0	46							
10/05/89	10:12		SWH-CDE-05-04			130.4	52	3123	1200	73	6.4	3.7	0.2	0.02
10/05/89	10:45	#1		2.12	1059	131.0								
10/05/89	11:05	midpoint				131.3								
10/05/89	11:58		SWH-CDE-06-01			132.2	66							
10/05/89	14:25		SWH-CDE-06-01			134.6	64							
10/05/89	14:50	#1		3.32	1661	135.0								
10/05/89	15:20	#1		2.02	1009	135.5								
10/05/89	15:20	#2				135.5								
10/05/89	15:56		SWH-CDE-06-01			136.1	55	3743	809	150	13.1	3.0	0.6	0.05
10/05/89	16:51	midpoint				137.1								
10/05/89	17:28	#2		1.99	994	137.7								
10/05/89	17:47		SWH-CDE-06-02			138.0	54							
10/05/89	19:22		SWH-CDE-06-02			139.6	50							

000425

COMBINED DEWATERING EFFLUENT (CDE) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	----CDE RATE-- (gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/05/89	19:34	#2		2.48	1243	139.8								
10/05/89	21:26	#2		2.29	1146	141.6								
10/05/89	22:08		SWH-CDE-06-02			142.3	50	3145	960	220	7.7	3.0	0.7	0.02
10/05/89	22:52	midpoint				143.1								
10/05/89	23:27	#2		2.18	1093	143.7								
10/05/89	23:37		SWH-CDE-06-03			143.8	48							
10/06/89	01:29	#2		2.42	1213	145.7								
10/06/89	01:45		SWH-CDE-06-03			146.0	46							
10/06/89	03:28	#2		2.43	1217	147.7								
10/06/89	03:42		SWH-CDE-06-03			147.9	43	2647	250	82	11.8	0.7	0.2	0.03
10/06/89	03:44					147.9								
10/06/89	05:22	#2		2.13	1065	149.6								
								82295	743	79	18	61.2	6.5	1.5
									(WTD AVG	(WTD AVG	(WTD AVG)			
								82000	740	79	18	61	6.5	1.5
									(mg/l)	(mg/l)	(mg/l)	(kg)	(kg)	(kg)

000426

ATS TREATED RECYCLE WATER (ATW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	(gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	ATW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
09/29/89	23:48					0								
09/30/89	01:17	#4				1.5								
09/30/89	02:08		SWH-ATW-01-01			2.3	55							
09/30/89	03:31	#4		3.80	1903	3.7								
09/30/89	05:11	#4		3.79	1898	5.4								
09/30/89	05:28		SWH-ATW-01-01			5.7	52							
09/30/89	05:45	#4		2.69	1344	6.0								
09/30/89	05:45	#3				6.0								
09/30/89	06:59	#3		3.67	1834	7.2								
09/30/89	09:35	#3		3.66	1832	9.8								
09/30/89	09:58	#3		1.38	691	10.2								
09/30/89	10:23		SWH-ATW-01-01			10.6	68	10211	399	31	3.6	4.1	0.3	0.04
09/30/89	10:47	#3		3.30	1652	11.0								
09/30/89	12:25	#3		3.33	1668	12.6								
09/30/89	12:30	system irreg. begin				12.7								
09/30/89	15:05	#3		3.35	1677	15.3								
09/30/89	16:36	#3		3.13	1566	16.8								
09/30/89	18:30	system irreg. end				18.7								
09/30/89	18:51	#3		3.29	1644	19.1								
09/30/89	20:08		SWH-ATW-01-02			20.3	75							
09/30/89	20:44	#3		3.77	1888	20.9								
09/30/89	22:13		SWH-ATW-01-02			22.4	70							
10/01/89	00:07		SWH-ATW-01-02			24.3	64	5582	502	33	7.8	2.8	0.2	0.04
10/01/89	01:15	#3		3.52	1761	25.5								
10/01/89	01:22	midpoint				25.6								
10/01/89	02:37	#3		3.65	1827	26.8								

ATS TREATED RECYCLE WATER (ATW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	(gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	ATW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/01/89	04:12		SWH-ATW-02-01			28.4	61							
10/01/89	04:43	#3		3.78	1891	28.9								
10/01/89	07:09	#4				31.4								
10/01/89	07:55		SWH-ATW-02-01			32.1	61							
10/01/89	08:22	#4		3.61	1809	32.6								
10/01/89	10:08	#4		3.38	1692	34.3								
10/01/89	11:47		SWH-ATW-02-01			36.0	79	10124	508	28	1.5	5.1	0.3	0.02
10/01/89	13:15	#4		3.52	1761	37.5								
10/01/89	13:49	midpoint				38.0								
10/01/89	15:17	#4		3.39	1696	39.5								
10/01/89	15:52		SWH-ATW-02-02			40.1	90							
10/01/89	17:21	#4		3.20	1602	41.6								
10/01/89	19:27	#4		3.30	1650	43.7								
10/01/89	20:04		SWH-ATW-02-02			44.3	68							
10/01/89	22:00	#4		3.25	1625	46.2								
10/01/89	23:40					47.9								
10/01/89	23:40		SWH-ATW-02-02			47.9	50	7228	515	150	3.0	3.7	1.1	0.02
10/02/89	00:22	#4		3.04	1519	48.6								
10/03/89	07:33	#4				79.8								
10/03/89	08:00					80.2								
10/03/89	10:25	#4		2.99	1496	82.6								
10/03/89	11:54		SWH-ATW-04-01			84.1	55							
10/03/89	12:15	#4		3.27	1635	84.5								
10/03/89	14:50	#4		3.36	1680	87.0								
10/03/89	16:11		SWH-ATW-04-01			88.4	50							
10/03/89	16:36	#4		2.84	1421	88.8								

ATS TREATED RECYCLE WATER (ATW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	(gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	ATW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/03/89	19:26	#4		3.30	1653	91.6								
10/03/89	20:13		SWH-ATW-04-01			92.4	43	9928	420	160	2.6	4.2	1.6	0.03
10/03/89	21:30	#3				93.7								
10/03/89	21:42	midpoint				93.9								
10/03/89	22:52	#3		2.99	1496	95.1								
10/03/89	23:12		SWH-ATW-04-02			95.4	39							
10/03/89	23:39	#3		2.85	1427	95.9								
10/04/89	01:30	#3		2.85	1425	97.7								
10/04/89	03:35	#3		2.98	1491	99.8								
10/04/89	03:48		SWH-ATW-04-02			100.0	28							
10/04/89	05:30	#3		3.10	1552	101.7								
10/04/89	07:31	#3		3.01	1505	103.7								
10/04/89	07:36		SWH-ATW-04-02			103.8	30	8234	490	80	1.9	4.0	0.7	0.02
10/04/89	09:33	#3		3.20	1603	105.8								
10/04/89	09:46	midpoint				106.0								
10/04/89	10:28	#3		2.49	1248	106.7								
10/04/89	11:57		SWH-ATW-05-01			108.2	63							
10/04/89	12:24	#3		2.73	1364	108.6								
10/04/89	14:04	#3		2.82	1413	110.3								
10/04/89	17:36	#3		2.14	1073	113.8								
10/04/89	17:57		SWH-ATW-05-01			114.2	54							
10/04/89	19:38	#3		2.57	1287	115.8								
10/04/89	21:25	#4				117.6								
10/04/89	21:28		SWH-ATW-05-01			117.7	50	7838	565	36	8.5	4.4	0.3	0.07
10/04/89	23:30	midpoint				119.7								
10/04/89	23:50	#4		2.59	1295	120.0								

000429

ATS TREATED RECYCLE WATER (ATW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	(gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	ATW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
10/05/89	01:32		SWH-ATW-05-02			121.7	46							
10/05/89	01:48	#4		2.60	1301	122.0								
10/05/89	03:35	#4		2.51	1255	123.8								
10/05/89	05:38	#4		2.18	1088	125.8								
10/05/89	06:06		SWH-ATW-05-02			126.3	46							
10/05/89	07:39	#4		2.28	1142	127.9								
10/05/89	10:05		SWH-ATW-05-02			130.3	52	6534	459	40	1.4	3.0	0.3	0.01
10/05/89	10:45	#4		1.72	863	131.0								
10/05/89	12:19	midpoint				132.5								
10/05/89	14:34		SWH-ATW-06-01			134.8	64							
10/05/89	14:50	#4		2.49	1245	135.0								
10/05/89	15:20	#4		4.30	2154	135.5								
10/05/89	16:34	#3				136.8								
10/05/89	17:28	#3		1.74	872	137.7								
10/05/89	17:40		SWH-ATW-06-01			137.9	54							
10/05/89	19:34	#3		2.37	1186	139.8								
10/05/89	21:26	#3		2.18	1092	141.6								
10/05/89	21:48		SWH-ATW-06-01			142.0	50	5769	480	260	1.4	2.8	1.5	0.01
10/05/89	23:27	#3		1.78	889	143.7								
10/05/89	23:43	midpoint				143.9								
10/06/89	01:30	#3		2.38	1190	145.7								
10/06/89	01:39		SWH-ATW-06-02			145.9	46							
10/06/89	03:29	#3		2.26	1132	147.7								
10/06/89	03:34		SWH-ATW-06-02			147.8	43	2107	521	36	5.7	1.1	0.1	0.01
10/06/89	03:44					147.9								
10/06/89	05:22	#3		1.38	691	149.6								

000430

ATS TREATED RECYCLE WATER (ATW) -- HIGH SOIL TEST

Gross Parameter Inventory

DATE	TIME	TANK NO.	SAMPLE ID	(gpm)	(lbs/hr)	HOURS FROM TIME ZERO	TEMP (F)	ATW FLOW DURING COMPOSITE PERIOD (liters)	SOLIDS (mg/l)	TOC (mg/l)	TRPH (mg/l)	SOLIDS (kg)	TOC (kg)	TRPH (kg)
								73554	479	85	3.5	35	6.2	0.25
									(WTD AVG	(WTD AVG	(WTD AVG)			
								74000	480	85	3.5	35	6.2	0.25
									(mg/l)	(mg/l)	(mg/l)	(kg)	(kg)	(kg)

0004431

FINAL DATA - OTHER ORGANIC ANALYSES

Summary of PAH and Penta TCLP Data

Low Soil Test

Final Data

SAIC #	SOIL/ AQUEOUS	Units	Penta-chloro-phenol	Q	Naphth-alene	Q	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
SWL-WS-01-03	SOIL	ug/kg	230		10	U	10	U	5	J	12		12		27		5	J	6	J
SWL-WS-02-03	SOIL	ug/kg	320		20	U	20	U	20	U	14	J	13	J	37		20	U	5	J

000433

Summary of PAH and Penta TCLP Data
Low Soil Test
Final Data
(Continued)

SAIC #	SOIL/ AQUEOUS	Units	Benzo-(a)-Anthracene	Q	Chrysene	Q	Benzo(b)-Fluor-anthene	Q	Benzo(k)' Fluor-anthene	Q	Benzo(a)-Pyrene	Q	Benzo (g,h,i)-Perylene	Q
SWL-WS-01-03	SOIL	ug/kg	10	U	10	U	10	U	10	U	10	U	10	U
SWL-WS-02-03	SOIL	ug/kg	20	U	20	U	20	U	20	U	20	U	20	U

000434

Summary of PAH and Penta TCLP Data
High Soil Test
Final Data

SAIC #	SOIL/ AQUEOUS	Units	Penta-chloro-phenol	Naphth-alene	Q	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
SWH-WS-01-02	SOIL	ug/kg		10	U	10	U	35		21		39		17		7	J	6	J
SWH-WS-01-02	SOIL	ug/kg	820	D															
SWH-WS-02-02	SOIL	ug/kg		10	U	10	U	29		16		32		14		8	J	6	J
SWH-WS-02-02	SOIL	ug/kg	740	D															
SWH-WS-04-02	SOIL	ug/kg		10	U	10	U	31		21		36		13		8	J	6	J
SWH-WS-04-02	SOIL	ug/kg	920	D															
SWH-WS-05-02	SOIL	ug/kg		1	J	2	J	38		23		42		16		8	J	7	J
SWH-WS-05-02	SOIL	ug/kg	1100	D															
SWH-WS-06-02	SOIL	ug/kg		17	U	17	U	30		18		41		17	U	7	J	5	J
SWH-WS-06-02	SOIL	ug/kg	800	D															

000435

Summary of PAH and Penta TCLP Data
High Soil Test
Final Data
(Continued)

SAIC #	SOIL/ AQUEOUS	Units	Benzo-(a)-Anthracene	Q	Chrysene	Q	Benzo(b)-Fluor-anthene	Q	Benzo(k) Fluor-anthene	Q	Benzo(a)-Pyrene	Q	Indeno (1,2,3-cd) Pyrene	Q	Dibenz (a,h)-Anthracene	Q	Benzo (g,h,i)-Perylene	Q
SWH-WS-01-02	SOIL	ug/kg	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SWH-WS-01-02	SOIL	ug/kg																
SWH-WS-02-02	SOIL	ug/kg	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SWH-WS-02-02	SOIL	ug/kg																
SWH-WS-04-02	SOIL	ug/kg	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SWH-WS-04-02	SOIL	ug/kg																
SWH-WS-05-02	SOIL	ug/kg	0	J	1	J	10	U	10	U	10	U	10	U	10	U	10	U
SWH-WS-05-02	SOIL	ug/kg																
SWH-WS-06-02	SOIL	ug/kg	17	U	17	U	17	U	17	U	17	U	17	U	17	U	17	U
SWH-WS-06-02	SOIL	ug/kg																

Total Recoverable Petroleum Hydrocarbon Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TRPH	Q	UNITS
SPL-C-00	Soil	4000		mg/kg
SWL-CDE-01-01	Aqueous	2.7		mg/L
SWL-CDE-01-02	Aqueous	6.4		mg/L
SWL-CDE-01-03	Aqueous	8.5		mg/L
SWL-CDE-01-04	Aqueous	4.9	M	mg/L
SWL-CDE-02-01	Aqueous	3.5		mg/L
SWL-CDE-02-02	Aqueous	7.2		mg/L
SWL-CDE-02-03	Aqueous	3.8		mg/L
SWL-CDE-02-04	Aqueous	3.7		mg/L
SWL-CO-01-01	Soil	8600		mg/kg
SWL-CO-01-02	Soil	8100		mg/kg
SWL-CO-01-03	Soil	8900		mg/kg
SWL-CO-01-04	Soil	3650	M	mg/kg
SWL-CO-02-01	Soil	7900		mg/kg
SWL-CO-02-02	Soil	6900		mg/kg
SWL-CO-02-03	Soil	3400		mg/kg
SWL-CO-02-04	Soil	3100		mg/kg
SWL-EQB-02-02	Aqueous	ND		mg/L
SWL-FO-01-01	Soil	960		mg/kg
SWL-FO-01-02	Soil	1700		mg/kg
SWL-FO-01-03	Soil	1400		mg/kg
SWL-FO-01-04	Soil	2100	M	mg/kg
SWL-FO-02-01	Soil	640		mg/kg
SWL-FO-02-02	Soil	510		mg/kg

000437

Total Recoverable Petroleum Hydrocarbon Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TRPH	Q	UNITS
SWL-FO-02-03	Soil	1100		mg/kg
SWL-FO-02-04	Soil	810		mg/kg
SWL-FPC-01-01	Soil	1700		mg/kg
SWL-FPC-01-02	Soil	1100		mg/kg
SWL-FPC-01-03	Soil	2900		mg/kg
SWL-FPC-01-04	Soil	900	M	mg/kg
SWL-FPC-02-01	Soil	1400		mg/kg
SWL-FPC-02-02	Soil	1500		mg/kg
SWL-FPC-02-03	Soil	860		mg/kg
SWL-FPC-02-04	Soil	1100		mg/kg
SWL-FS-01-01	Soil	3800		mg/kg
SWL-FS-01-02	Soil	3300		mg/kg
SWL-FS-01-03	Soil	10000		mg/kg
SWL-FS-01-04	Soil	2700		mg/kg
SWL-FS-02-01	Soil	1800		mg/kg
SWL-FS-02-02	Soil	1600		mg/kg
SWL-FS-02-03	Soil	2000		mg/kg
SWL-FS-02-04	Soil	2450	M	mg/kg
SWL-MW-01-01	Aqueous	1.6		mg/L
SWL-MW-01-02	Aqueous	2.3		mg/L
SWL-MW-02-01	Aqueous	1.6		mg/L
SWL-MW-02-02	Aqueous	1.6		mg/L
SWL-WS-Q1-01	Soil	330		mg/kg
SWL-WS-01-02	Soil	130		mg/kg

000438

Total Recoverable Petroleum Hydrocarbon Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TRPH	Q	UNITS
SWL-WS-01-03	Soil	160		mg/kg
SWL-WS-01-04	Soil	305	M	mg/kg
SWL-WS-02-01	Soil	200		mg/kg
SWL-WS-02-02	Soil	120		mg/kg
SWL-WS-02-03	Soil	230		mg/kg
SWL-WS-02-04	Soil	140		mg/kg

Total Recoverable Petroleum Hydrocarbons Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TRPH	Q	UNITS
SPH-C-00	Soil	8600		mg/kg
SWH-ATW-01-01	Aqueous	3.6		mg/L
SWH-ATW-01-02	Aqueous	7.8		mg/L
SWH-ATW-02-01	Aqueous	1.5	*	mg/L
SWH-ATW-02-02	Aqueous	3.0		mg/L
SWH-ATW-04-01	Aqueous	2.6		mg/L
SWH-ATW-04-02	Aqueous	1.9	M*	mg/L
SWH-ATW-05-01	Aqueous	8.5		mg/L
SWH-ATW-05-02	Aqueous	1.4	*	mg/L
SWH-ATW-06-01	Aqueous	1.4	*	mg/L
SWH-ATW-06-02	Aqueous	5.7		mg/L
SWH-CDE-01-01	Aqueous	83.5		mg/L
SWH-CDE-01-02	Aqueous	9.4		mg/L
SWH-CDE-01-04	Aqueous	13.3		mg/L
SWH-CDE-02-01	Aqueous	8.2		mg/L
SWH-CDE-02-02	Aqueous	11.6		mg/L
SWH-CDE-02-03	Aqueous	13.4		mg/L
SWH-CDE-02-04	Aqueous	11.0		mg/L
SWH-CDE-04-01	Aqueous	2.5		mg/L
SWH-CDE-04-02	Aqueous	6.0		mg/L
SWH-CDE-04-03	Aqueous	8.7		mg/L
SWH-CDE-04-04	Aqueous	13.6	M	mg/L
SWH-CDE-05-01	Aqueous	12.7		mg/L
SWH-CDE-05-02	Aqueous	28.3		mg/L
SWH-CDE-05-03	Aqueous	41.1		mg/L
SWH-CDE-05-04	Aqueous	6.4		mg/L

Total Recoverable Petroleum Hydrocarbons Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TRPH	Q	UNITS
SWH-CDE-06-01	Aqueous	13.1		mg/L
SWH-CDE-06-02	Aqueous	7.7		mg/L
SWH-CDE-06-03	Aqueous	11.8		mg/L
SWH-CO-01-01	Soil	11000		mg/kg
SWH-CO-01-02	Soil	12000		mg/kg
SWH-CO-01-04	Soil	17000		mg/kg
SWH-CO-02-01	Soil	8500		mg/kg
SWH-CO-02-02	Soil	6900		mg/kg
SWH-CO-02-03	Soil	25000		mg/kg
SWH-CO-02-04	Soil	6900		mg/kg
SWH-CO-04-01	Soil	15000		mg/kg
SWH-CO-04-02	Soil	18000		mg/kg
SWH-CO-04-03	Soil	20000		mg/kg
SWH-CO-04-04	Soil	10700	M	mg/kg
SWH-CO-05-01	Soil	12000		mg/kg
SWH-CO-05-02	Soil	13000		mg/kg
SWH-CO-05-03	Soil	31000		mg/kg
SWH-CO-05-04	Soil	13000		mg/kg
SWH-CO-06-01	Soil	12000		mg/kg
SWH-CO-06-02	Soil	21000		mg/kg
SWH-CO-06-03	Soil	25000		mg/kg
SWH-EQB-02-01	Aqueous	ND		mg/L
SWH-EQB-05-01	Aqueous	ND		mg/L
SWH-FO-01-01	Soil	2000		mg/kg
SWH-FO-01-02	Soil	1200		mg/kg

000441

Total Recoverable Petroleum Hydrocarbons Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TRPH	Q	UNITS
SWH-FO-01-04	Soil	2500		mg/kg
SWH-FO-02-01	Soil	3700		mg/kg
SWH-FO-02-02	Soil	5500		mg/kg
SWH-FO-02-03	Soil	3100		mg/kg
SWH-FO-02-04	Soil	3200		mg/kg
SWH-FO-04-01	Soil	11000		mg/kg
SWH-FO-04-02	Soil	12000		mg/kg
SWH-FO-04-03	Soil	9700		mg/kg
SWH-FO-04-04	Soil	12000	M	mg/kg
SWH-FO-05-01	Soil	13000		mg/kg
SWH-FO-05-02	Soil	6400		mg/kg
SWH-FO-05-03	Soil	12000		mg/kg
SWH-FO-05-04	Soil	8800		mg/kg
SWH-FO-06-01	Soil	19000		mg/kg
SWH-FO-06-02	Soil	12000		mg/kg
SWH-FO-06-03	Soil	19000		mg/kg
SWH-FPC-01-01	Soil	1900		mg/kg
SWH-FPC-01-02	Soil	2900		mg/kg
SWH-FPC-01-04	Soil	2000		mg/kg
SWH-FPC-02-01	Soil	3200		mg/kg
SWH-FPC-02-02	Soil	2200		mg/kg
SWH-FPC-02-03	Soil	1400		mg/kg
SWH-FPC-02-04	Soil	2500		mg/kg
SWH-FPC-04-01	Soil	2100		mg/kg
SWH-FPC-04-02	Soil	1100		mg/kg
SWH-FPC-04-03	Soil	2100		mg/kg
SWH-FPC-04-04	Soil	3150	M	mg/kg

Total Recoverable Petroleum Hydrocarbons Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TRPH	Q	UNITS
SWH-FPC-05-01	Soil	1000		mg/kg
SWH-FPC-05-02	Soil	2300		mg/kg
SWH-FPC-05-03	Soil	1800		mg/kg
SWH-FPC-05-04	Soil	3600		mg/kg
SWH-FPC-06-01	Soil	1200		mg/kg
SWH-FPC-06-02	Soil	8600		mg/kg
SWH-FPC-06-03	Soil	4400		mg/kg
SWH-FS-01-01	Soil	9800		mg/kg
SWH-FS-01-02	Soil	10000		mg/kg
SWH-FS-01-04	Soil	9700		mg/kg
SWH-FS-02-01	Soil	11000		mg/kg
SWH-FS-02-02	Soil	9900		mg/kg
SWH-FS-02-03	Soil	9800		mg/kg
SWH-FS-02-04	Soil	1100		mg/kg
SWH-FS-04-01	Soil	9000		mg/kg
SWH-FS-04-02	Soil	9100		mg/kg
SWH-FS-04-03	Soil	11000		mg/kg
SWH-FS-04-04	Soil	6950	M	mg/kg
SWH-FS-05-01	Soil	9200		mg/kg
SWH-FS-05-02	Soil	9100		mg/kg
SWH-FS-05-03	Soil	8200		mg/kg
SWH-FS-05-04	Soil	7400		mg/kg
SWH-FS-06-01	Soil	10000		mg/kg
SWH-FS-06-02	Soil	5400		mg/kg
SWH-FS-06-03	Soil	9900		mg/kg
SWH-MW-01-01	Aqueous	ND		mg/L

Total Recoverable Petroleum Hydrocarbons Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TRPH	Q	UNITS
SWH-MW-01-02	Aqueous	ND		mg/L
SWH-MW-02-01	Aqueous	ND		mg/L
SWH-MW-02-02	Aqueous	ND		mg/L
SWH-MW-04-01	Aqueous	ND		mg/L
SWH-MW-04-02	Aqueous	ND		mg/L
SWH-MW-05-01	Aqueous	ND		mg/L
SWH-MW-05-02	Aqueous	ND		mg/L
SWH-MW-06-01	Aqueous	ND		mg/L
SWH-MW-06-02	Aqueous	ND		mg/L
SWH-WS-01-01	Soil	480		mg/kg
SWH-WS-01-02	Soil	410		mg/kg
SWH-WS-01-04	Soil	530		mg/kg
SWH-WS-02-01	Soil	210		mg/kg
SWH-WS-02-02	Soil	390		mg/kg
SWH-WS-02-03	Soil	650		mg/kg
SWH-WS-02-04	Soil	650		mg/kg
SWH-WS-04-01	Soil	290		mg/kg
SWH-WS-04-02	Soil	540		mg/kg
SWH-WS-04-03	Soil	730		mg/kg
SWH-WS-04-04	Soil	925	H	mg/kg
SWH-WS-05-01	Soil	1000	I	mg/kg
SWH-WS-05-02	Soil	1200		mg/kg
SWH-WS-05-03	Soil	930		mg/kg
SWH-WS-05-04	Soil	1000		mg/kg
SWH-WS-06-01	Soil	330		mg/kg
SWH-WS-06-02	Soil	940		mg/kg
SWH-WS-06-03	Soil	1300		mg/kg

000444

Total Organic Carbon Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TOC	Q	UNITS
SPL-C-00	Soil	5000		mg/kg
SWL-CDE-01-01	Aqueous	220		mg/L
SWL-CDE-01-02	Aqueous	78		mg/L
SWL-CDE-01-03	Aqueous	88		mg/L
SWL-CDE-01-04	Aqueous	70.5	M	mg/L
SWL-CDE-02-01	Aqueous	49		mg/L
SWL-CDE-02-02	Aqueous	42		mg/L
SWL-CDE-02-03	Aqueous	140		mg/L
SWL-CDE-02-04	Aqueous	48		mg/L
SWL-CO-01-01	Soil	31000		mg/kg
SWL-CO-01-02	Soil	14000		mg/kg
SWL-CO-01-03	Soil	12000		mg/kg
SWL-CO-01-04	Soil	22000	M	mg/kg
SWL-CO-02-01	Soil	14000		mg/kg
SWL-CO-02-02	Soil	15000		mg/kg
SWL-CO-02-03	Soil	9800		mg/kg
SWL-CO-02-04	Soil	10000		mg/kg
SWL-EQB-02-02	Aqueous	ND		mg/L
SWL-FO-01-01	Soil	5200		mg/kg
SWL-FO-01-02	Soil	8000		mg/kg
SWL-FO-01-03	Soil	15000		mg/kg
SWL-FO-01-04	Soil	24000	M	mg/kg
SWL-FO-02-01	Soil	7600		mg/kg
SWL-FO-02-02	Soil	20000		mg/kg

000445

Total Organic Carbon Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TOC	Q	UNITS
SWL-FO-02-03	Soil	22000		mg/kg
SWL-FO-02-04	Soil	24000		mg/kg
SWL-FPC-01-01	Soil	25000		mg/kg
SWL-FPC-01-02	Soil	19000		mg/kg
SWL-FPC-01-03	Soil	23000		mg/kg
SWL-FPC-01-04	Soil	32000	M	mg/kg
SWL-FPC-02-01	Soil	65000		mg/kg
SWL-FPC-02-02	Soil	27000		mg/kg
SWL-FPC-02-03	Soil	72000		mg/kg
SWL-FPC-02-04	Soil	50000		mg/kg
SWL-FS-01-01	Soil	8800		mg/kg
SWL-FS-01-02	Soil	7000		mg/kg
SWL-FS-01-03	Soil	4200		mg/kg
SWL-FS-01-04	Soil	21000		mg/kg
SWL-FS-02-01	Soil	19000		mg/kg
SWL-FS-02-02	Soil	11000		mg/kg
SWL-FS-02-03	Soil	14000		mg/kg
SWL-FS-02-04	Soil	12000	M	mg/kg
SWL-MW-01-01	Aqueous	240		mg/L
SWL-MW-01-02	Aqueous	2.7		mg/L
SWL-MW-02-01	Aqueous	80		mg/L
SWL-MW-02-02	Aqueous	7.9	M	mg/L
SWL-WS-01-01	Soil	1900		mg/kg
SWL-WS-01-02	Soil	1500		mg/kg

Total Organic Carbon Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TOC	Q	UNITS
SWL-WS-01-03	Soil	1800		mg/kg
SWL-WS-01-04	Soil	1400		mg/kg
SWL-WS-02-01	Soil	2900		mg/kg
SWL-WS-02-02	Soil	1900		mg/kg
SWL-WS-02-03	Soil	2300		mg/kg
SWL-WS-02-04	Soil	2300		mg/kg

Total Organic Carbon Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TOC	Q	UNITS
SPH-C-00	Soil	10000		mg/kg
SWH-ATW-01-01	Aqueous	31		mg/L
SWH-ATW-01-02	Aqueous	33		mg/L
SWH-ATW-02-01	Aqueous	28		mg/L
SWH-ATW-02-02	Aqueous	150		mg/L
SWH-ATW-04-01	Aqueous	160		mg/L
SWH-ATW-04-02	Aqueous	59	M	mg/L
SWH-ATW-05-01	Aqueous	36		mg/L
SWH-ATW-05-02	Aqueous	40		mg/L
SWH-ATW-06-01	Aqueous	260		mg/L
SWH-ATW-06-02	Aqueous	36		mg/L
SWH-CDE-01-01	Aqueous	69		mg/L
SWH-CDE-01-02	Aqueous	6.3		mg/L
SWH-CDE-01-04	Aqueous	66		mg/L
SWH-CDE-02-01	Aqueous	90		mg/L
SWH-CDE-02-02	Aqueous	75		mg/L
SWH-CDE-02-03	Aqueous	61		mg/L
SWH-CDE-02-04	Aqueous	68		mg/L
SWH-CDE-04-01	Aqueous	42		mg/L
SWH-CDE-04-02	Aqueous	69		mg/L
SWH-CDE-04-03	Aqueous	73		mg/L
SWH-CDE-04-04	Aqueous	80	M	mg/L
SWH-CDE-05-01	Aqueous	74		mg/L
SWH-CDE-05-02	Aqueous	150		mg/L
SWH-CDE-05-03	Aqueous	81		mg/L
SWH-CDE-05-04	Aqueous	73		mg/L

Total Organic Carbon Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TOC	Q	UNITS
SWH-CDE-06-01	Aqueous	150		mg/L
SWH-CDE-06-02	Aqueous	220		mg/L
SWH-CDE-06-03	Aqueous	82		mg/L
SWH-CO-01-01	Soil	25000		mg/kg
SWH-CO-01-02	Soil	29000		mg/kg
SWH-CO-01-04	Soil	54000		mg/kg
SWH-CO-02-01	Soil	24000		mg/kg
SWH-CO-02-02	Soil	33000		mg/kg
SWH-CO-02-03	Soil	27000		mg/kg
SWH-CO-02-04	Soil	29000		mg/kg
SWH-CO-04-01	Soil	8400		mg/kg
SWH-CO-04-02	Soil	3400		mg/kg
SWH-CO-04-03	Soil	3100		mg/kg
SWH-CO-04-04	Soil	13300	M	mg/kg
SWH-CO-05-01	Soil	4500		mg/kg
SWH-CO-05-02	Soil	22000		mg/kg
SWH-CO-05-03	Soil	29000		mg/kg
SWH-CO-05-04	Soil	26000		mg/kg
SWH-CO-06-01	Soil	26000		mg/kg
SWH-CO-06-02	Soil	19000		mg/kg
SWH-CO-06-03	Soil	27000		mg/kg
SWH-EQB-02-01	Aqueous	7.1		mg/L
SWH-EQB-05-01	Aqueous	140		mg/L
SWH-FO-01-01	Soil	29000		mg/kg
SWH-FO-01-02	Soil	19000		mg/kg

Total Organic Carbon Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TOC	Q	UNITS
SWH-FO-01-04	Soil	24000		mg/kg
SWH-FO-02-01	Soil	34000		mg/kg
SWH-FO-02-02	Soil	23000		mg/kg
SWH-FO-02-03	Soil	52000		mg/kg
SWH-FO-02-04	Soil	14000		mg/kg
SWH-FO-04-01	Soil	21000		mg/kg
SWH-FO-04-02	Soil	14000		mg/kg
SWH-FO-04-03	Soil	16000		mg/kg
SWH-FO-04-04	Soil	15500	M	mg/kg
SWH-FO-05-01	Soil	110000		mg/kg
SWH-FO-05-02	Soil	27000		mg/kg
SWH-FO-05-03	Soil	20000		mg/kg
SWH-FO-05-04	Soil	28000		mg/kg
SWH-FO-06-01	Soil	21000		mg/kg
SWH-FO-06-02	Soil	12000		mg/kg
SWH-FO-06-03	Soil	13000		mg/kg
SWH-FPC-01-01	Soil	50000		mg/kg
SWH-FPC-01-02	Soil	45000		mg/kg
SWH-FPC-01-04	Soil	16000		mg/kg
SWH-FPC-02-01	Soil	100000		mg/kg
SWH-FPC-02-02	Soil	54000		mg/kg
SWH-FPC-02-03	Soil	110000		mg/kg
SWH-FPC-02-04	Soil	56000		mg/kg
SWH-FPC-04-01	Soil	120000		mg/kg
SWH-FPC-04-02	Soil	70000		mg/kg
SWH-FPC-04-03	Soil	44000		mg/kg
SWH-FPC-04-04	Soil	25000	M	mg/kg

Total Organic Carbon Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TOC	Q	UNITS
SWH-FPC-05-01	Soil	98000		mg/kg
SWH-FPC-05-02	Soil	51000		mg/kg
SWH-FPC-05-03	Soil	64000		mg/kg
SWH-FPC-05-04	Soil	82000		mg/kg
SWH-FPC-06-01	Soil	76000		mg/kg
SWH-FPC-06-02	Soil	30000		mg/kg
SWH-FPC-06-03	Soil	37000		mg/kg
SWH-FS-01-01	Soil	48000		mg/kg
SWH-FS-01-02	Soil	36000		mg/kg
SWH-FS-01-04	Soil	41000		mg/kg
SWH-FS-02-01	Soil	40000		mg/kg
SWH-FS-02-02	Soil	19000		mg/kg
SWH-FS-02-03	Soil	36000		mg/kg
SWH-FS-02-04	Soil	25000		mg/kg
SWH-FS-04-01	Soil	7100		mg/kg
SWH-FS-04-02	Soil	5400		mg/kg
SWH-FS-04-03	Soil	3200		mg/kg
SWH-FS-04-04	Soil	6000	M	mg/kg
SWH-FS-05-01	Soil	6000		mg/kg
SWH-FS-05-02	Soil	12000		mg/kg
SWH-FS-05-03	Soil	16000		mg/kg
SWH-FS-05-04	Soil	12000		mg/kg
SWH-FS-06-01	Soil	11000		mg/kg
SWH-FS-06-02	Soil	5900		mg/kg
SWH-FS-06-03	Soil	7900		mg/kg
SWH-MW-01-01	Aqueous	1.9		mg/L

Total Organic Carbon Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	TOC	Q	UNITS
SWH-MW-01-02	Aqueous	28.0		mg/L
SWH-MW-02-01	Aqueous	4.8		mg/L
SWH-MW-02-02	Aqueous	2.6		mg/L
SWH-MW-04-01	Aqueous	24.0		mg/L
SWH-MW-04-02	Aqueous	54.0		mg/L
SWH-MW-05-01	Aqueous	3.7		mg/L
SWH-MW-05-02	Aqueous	32.5	M	mg/L
SWH-MW-06-01	Aqueous	13.0		mg/L
SWH-MW-06-02	Aqueous	7.6		mg/L
SWH-WS-01-01	Soil	930		mg/kg
SWH-WS-01-02	Soil	4100		mg/kg
SWH-WS-01-04	Soil	510		mg/kg
SWH-WS-02-01	Soil	1200		mg/kg
SWH-WS-02-02	Soil	2000		mg/kg
SWH-WS-02-03	Soil	3300		mg/kg
SWH-WS-02-04	Soil	1300		mg/kg
SWH-WS-04-01	Soil	4100		mg/kg
SWH-WS-04-02	Soil	3100		mg/kg
SWH-WS-04-03	Soil	3900		mg/kg
SWH-WS-04-04	Soil	3950	M	mg/kg
SWH-WS-05-01	Soil	4600	I	mg/kg
SWH-WS-05-02	Soil	5400		mg/kg
SWH-WS-05-03	Soil	4300		mg/kg
SWH-WS-05-04	Soil	3800		mg/kg
SWH-WS-06-01	Soil	1900		mg/kg
SWH-WS-06-02	Soil	3600		mg/kg
SWH-WS-06-03	Soil	3500		mg/kg

Total Solids Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SPL-01-00	Soil	89		%
SPL-02-00	Soil	89		%
SPL-03-00	Soil	88		%
SPL-04-00	Soil	89		%
SPL-05-00	Soil	90		%
SPL-06-00	Soil	90		%
SPL-07-00	Soil	89		%
SPL-08-00	Soil	89		%
SWL-CDE-01-01	Aqueous	572		mg/l
SWL-CDE-01-02	Aqueous	497		mg/l
SWL-CDE-01-03	Aqueous	664		mg/l
SWL-CDE-01-04	Aqueous	780		mg/l
SWL-CDE-02-01	Aqueous	461		mg/l
SWL-CDE-02-02	Aqueous	702		mg/l
SWL-CDE-02-03	Aqueous	1030		mg/l
SWL-CDE-02-04	Aqueous	474		mg/l
SWL-CO-01-01	Soil	67		%
SWL-CO-01-02	Soil	71	M	%
SWL-CO-01-03	Soil	62	M	%
SWL-CO-01-04	Soil	67		%
SWL-CO-02-01	Soil	72		%
SWL-CO-02-02	Soil	73		%
SWL-CO-02-03	Soil	61		%
SWL-CO-02-04	Soil	80		%
SWL-FO-01-01	Soil	6		%

Total Solids Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SWL-FO-01-02	Soil	3		%
SWL-FO-01-03	Soil	13	M	%
SWL-FO-01-04	Soil	12		%
SWL-FO-02-01	Soil	7.6		%
SWL-FO-02-02	Soil	8.9		%
SWL-FO-02-03	Soil	6.6		%
SWL-FO-02-04	Soil	8		%
SWL-FPC-01-01	Soil	31		%
SWL-FPC-01-02	Soil	32		%
SWL-FPC-01-03	Soil	28		%
SWL-FPC-01-04	Soil	29		%
SWL-FPC-02-01	Soil	28		%
SWL-FPC-02-02	Soil	34		%
SWL-FPC-02-03	Soil	30		%
SWL-FPC-02-04	Soil	33		%
SWL-FS-01-01	Soil	91		%
SWL-FS-01-02	Soil	89		%
SWL-FS-01-03	Soil	89		%
SWL-FS-01-04	Soil	89		%
SWL-FS-02-01	Soil	89		%
SWL-FS-02-02	Soil	89		%
SWL-FS-02-03	Soil	90		%
SWL-FS-02-04	Soil	88		%
SWL-MW-01-01	Aqueous	242		mg/l
SWL-MW-01-02	Aqueous	240		mg/l

Total Solids Analyses
Low Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SWL-MW-02-01	Aqueous	282		mg/l
SWL-MW-02-02	Aqueous	No Data		mg/l
SWL-WS-01-01	Soil	62		%
SWL-WS-01-02	Soil	73	M	%
SWL-WS-01-03	Soil	76	M	%
SWL-WS-01-04	Soil	66		%
SWL-WS-02-01	Soil	75	M	%
SWL-WS-02-02	Soil	73		%
SWL-WS-02-03	Soil	95		%
SWL-WS-02-04	Soil	73		%

Total Solids Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SPH-01-00	Soil	89		%
SPH-02-00	Soil	88		%
SPH-03-00	Soil	85		%
SPH-04-00	Soil	84		%
SPH-05-00	Soil	86		%
SPH-06-00	Soil	85		%
SPH-07-00	Soil	84		%
SPH-08-00	Soil	86		%
SPH-09-00	Soil	88		%
SPH-10-00	Soil	86		%
SPH-11-00	Soil	85		%
SPH-12-00	Soil	87		%
SWH-ATW-01-01	Aqueous	399		mg/l
SWH-ATW-01-02	Aqueous	502		mg/l
SWH-ATW-02-01	Aqueous	508	I	
SWH-ATW-02-02	Aqueous	515		mg/l
SWH-ATW-04-01	Aqueous	420		mg/l
SWH-ATW-04-02	Aqueous	490		mg/l
SWH-ATW-05-01	Aqueous	565		mg/l
SWH-ATW-05-02	Aqueous	459	M	mg/l
SWH-ATW-06-01	Aqueous	480		mg/l
SWH-ATW-06-02	Aqueous	521		mg/l
SWH-CDE-01-01	Aqueous	507	I	mg/l
SWH-CDE-01-02	Aqueous	507	I	mg/l
SWH-CDE-01-04	Aqueous	507		mg/l
SWH-CDE-02-01	Aqueous	315		mg/l

000456

Total Solids Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SWH-CDE-02-02	Aqueous	410		mg/l
SWH-CDE-02-03	Aqueous	666	I	mg/l
SWH-CDE-02-04	Aqueous	878		mg/l
SWH-CDE-04-01	Aqueous	639		mg/l
SWH-CDE-04-02	Aqueous	734		mg/l
SWH-CDE-04-03	Aqueous	1610		mg/l
SWH-CDE-04-04	Aqueous	925		mg/l
SWH-CDE-05-01	Aqueous	930		mg/l
SWH-CDE-05-02	Aqueous	419		mg/l
SWH-CDE-05-03	Aqueous	1630		mg/l
SWH-CDE-05-04	Aqueous	1200	I	mg/l
SWH-CDE-06-01	Aqueous	809		mg/l
SWH-CDE-06-02	Aqueous	960		mg/l
SWH-CDE-06-03	Aqueous	250		mg/l
SWH-CO-01-01	Soil	56		%
SWH-CO-01-02	Soil	88		%
SWH-CO-01-04	Soil	49		%
SWH-CO-02-01	Soil	48		%
SWH-CO-02-02	Soil	53		%
SWH-CO-02-03	Soil	43		%
SWH-CO-02-04	Soil	47		%
SWH-CO-04-01	Soil	53		%
SWH-CO-04-02	Soil	55		%
SWH-CO-04-03	Soil	45		%
SWH-CO-04-04	Soil	48		%
SWH-CO-05-01	Soil	46	M	%
SWH-CO-05-02	Soil	61		%

Total Solids Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SWH-CO-05-03	Soil	44		%
SWH-CO-05-04	Soil	45	M	%
SWH-CO-06-01	Soil	48		%
SWH-CO-06-02	Soil	52		%
SWH-CO-06-03	Soil	59		%
SWH-FO-01-01	Soil	10		%
SWH-FO-01-02	Soil	12	M	%
SWH-FO-01-04	Soil	12		%
SWH-FO-02-01	Soil	11		%
SWH-FO-02-02	Soil	39		%
SWH-FO-02-03	Soil	14		%
SWH-FO-02-04	Soil	11		%
SWH-FO-04-01	Soil	18		%
SWH-FO-04-02	Soil	16		%
SWH-FO-04-03	Soil	15		%
SWH-FO-04-04	Soil	16		%
SWH-FO-05-01	Soil	24	M	%
SWH-FO-05-02	Soil	12		%
SWH-FO-05-03	Soil	11		%
SWH-FO-05-04	Soil	21	M	%
SWH-FO-06-01	Soil	14		%
SWH-FO-06-02	Soil	14		%
SWH-FO-06-03	Soil	18		%
SWH-FPC-01-01	Soil	30		%
SWH-FPC-01-02	Soil	28		%
SWH-FPC-01-04	Soil	32		%

Total Solids Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SWH-FPC-02-01	Soil	35		%
SWH-FPC-02-02	Soil	34		%
SWH-FPC-02-03	Soil	16		%
SWH-FPC-02-04	Soil	11		%
SWH-FPC-04-01	Soil	38		%
SWH-FPC-04-02	Soil	43		%
SWH-FPC-04-03	Soil	44		%
SWH-FPC-04-04	Soil	32		%
SWH-FPC-05-01	Soil	35	M	%
SWH-FPC-05-02	Soil	36		%
SWH-FPC-05-03	Soil	34		%
SWH-FPC-05-04	Soil	34	M	%
SWH-FPC-06-01	Soil	40	I	%
SWH-FPC-06-02	Soil	47		%
SWH-FPC-06-03	Soil	38		%
SWH-FS-01-01	Soil	88		%
SWH-FS-01-02	Soil	49		%
SWH-FS-01-04	Soil	89		%
SWH-FS-02-01	Soil	85		%
SWH-FS-02-02	Soil	89		%
SWH-FS-02-03	Soil	88		%
SWH-FS-02-04	Soil	88		%
SWH-FS-04-01	Soil	88		%
SWH-FS-04-02	Soil	88		%
SWH-FS-04-03	Soil	87		%
SWH-FS-04-04	Soil	86		%
SWH-FS-05-01	Soil	87	M	%

Total Solids Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SWH-FS-05-02	Soil	69		%
SWH-FS-05-03	Soil	86		%
SWH-FS-05-04	Soil	77	M	%
SWH-FS-06-01	Soil	85		%
SWH-FS-06-02	Soil	87		%
SWH-FS-06-03	Soil	88		%
SWH-MW-01-01	Aqueous	235		mg/l
SWH-MW-01-02	Aqueous	300	I	mg/l
SWH-MW-02-01	Aqueous	350		mg/l
SWH-MW-02-02	Aqueous	304		mg/l
SWH-MW-04-01	Aqueous	277		mg/l
SWH-MW-04-02	Aqueous	203		mg/l
SWH-MW-05-01	Aqueous	246		mg/l
SWH-MW-05-02	Aqueous	554	M	mg/l
SWH-MW-06-01	Aqueous	770	I	mg/l
SWH-MW-06-02	Aqueous	873		mg/l
SWH-WS-01-01	Soil	36		%
SWH-WS-01-02	Soil	71		%
SWH-WS-01-04	Soil	71		%
SWH-WS-02-01	Soil	73		%
SWH-WS-02-02	Soil	73		%
SWH-WS-02-03	Soil	73		%
SWH-WS-02-04	Soil	72		%
SWH-WS-04-01	Soil	69		%
SWH-WS-04-02	Soil	72		%
SWH-WS-04-03	Soil	73		%

Total Solids Analyses
High Soil Test
Final Data

Sample-ID	Soil/ Aqueous	Solids	Q	Units
SWH-WS-04-04	Soil	71		%
SWH-WS-05-01	Soil	73	M	%
SWH-WS-05-02	Soil	69		%
SWH-WS-05-03	Soil	70		%
SWH-WS-05-04	Soil	74	M	%
SWH-WS-06-01	Soil	73		%
SWH-WS-06-02	Soil	75		%
SWH-WS-06-03	Soil	64		%

RAW DATA - OTHER ORGANIC ANALYSES

Summary of PAH and Penta TCLP Data

Low Soil Test

Raw Data

(With Holding Time Analysis)

SAIC #		MPELI #	SOIL/ AQUEOUS	Acenaph- thene	Q	Fluorene	Q	Phenan- threne	Q	Anth- racene	Q	Fluor- anthene	Q	Pyrene	Q	Benzo- (a)-An- thracene	Q	Chrysene	Q
SWL-WS-01-03	TCLP	8909088	SOIL	5	J	12		12		27		5	J	6	J	10	U	10	U
SWL-WS-02-03	TCLP	8909102	SOIL	20	U	14	J	13	J	37		20	U	5	J	20	U	20	U

000463

Summary of PAH and Penta TCLP Data
Low Soil Test
Raw Data
(Continued)

SAIC #		MPELI #	SOIL/ AQUEOUS	Acenaph- thene	Q	Fluorene	Q	Phenan- threne	Q	Anth- racene	Q	Fluor- anthene	Q	Pyrene	Q	Benzo- (a)-An- thracene	Q	Chrysene	Q
SWL-WS-01-03	TCLP	8909088	SOIL	5	J	12		12		27		5	J	6	J	10	U	10	U
SWL-WS-02-03	TCLP	8909102	SOIL	20	U	14	J	13	J	37		20	U	5	J	20	U	20	U

Summary of PAH and Penta TCLP Data
Low Soil Test
Raw Data
(With Holding Time Analysis)

SAIC #		MPELI #	SOIL/ AQUEOUS	Benzo(b)-Fluor-anthene	Q	Benzo(k) Fluor-anthene	Q	Benzo(a)-Pyrene	Q	Benzo (g,h,i)-Perylene	Q
SWL-WS-01-03	TCLP	8909088	SOIL	10	U	10	U	10	U	10	U
SWL-WS-02-03	TCLP	8909102	SOIL	20	U	20	U	20	U	20	U

Summary of PAH and Penta TCLP Data

High Soil Test

Raw Data

(With Holding Time Analysis)

SAIC #		HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Penta-chloro-phenol		Naphth-alene	Q	Acenaph-thylene	Q
SWH-WS-01-02	TCLP	8910015	SOIL	09/30/89	10/03/89	11/09/89	26	a	11/15/89	0		ug/kg	1500	E	10	U	10	U
SWH-WS-01-02	TC_DL	8910015	SOIL	09/30/89	10/03/89	11/09/89	26	a	11/16/89	0		ug/kg	820	D	100	U	100	U
SWH-WS-02-02	TCLP	8910011	SOIL	10/01/89	10/03/89	11/09/89	25	a	11/15/89	0		ug/kg	1300	E	10	U	10	U
SWH-WS-02-02	TC_DL	8910011	SOIL	10/01/89	10/03/89	11/09/89	25	a	11/16/89	0		ug/kg	740	D	100	U	100	U
SWH-WS-04-02	TCLP	8910032	SOIL	10/03/89	10/05/89	11/09/89	23	a	11/15/89	0		ug/kg	1300	E	10	U	10	U
SWH-WS-04-02	TC_DL	8910032	SOIL	10/03/89	10/05/89	11/09/89	23	a	11/16/89	0		ug/kg	920	D	100	U	100	U
SWH-WS-05-02	TCLP	8910046	SOIL	10/04/89	10/06/89	11/09/89	22	a	11/15/89	0		ug/kg	1500	E	1	J	2	J
SWH-WS-05-02	TC_DL	8910046	SOIL	10/04/89	10/06/89	11/09/89	22	a	11/18/89	0		ug/kg	1100	D	100	U	100	U
SWH-WS-06-02	TCLP	8910057	SOIL	10/05/89	10/07/89	12/01/89	43	b	12/18/89	0		ug/kg	2200	E	17	U	17	U
SWH-WS-06-02	TC_DL	8910057	SOIL	10/05/89	10/07/89	11/09/89	21	a	11/16/89	0		ug/kg	800	D	100	U	100	U

000466

Summary of PAH and Penta TCLP Data

High Soil Test

Raw Data

(Continued)

SAIC #		MPELI #	SOIL/ AQUEOUS	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q	Benzo-(a)-An-thracene	Q	Chrysene	Q	Benzo(b)-Fluor-anthene	Q	Benzo(k) Fluor-anthene	Q
SWH-WS-01-02	TCLP	8910015	SOIL	35		21		39		17		7	J	6	J	10	U	10	U	10	U	10	U
SWH-WS-01-02	TC_DL	8910015	SOIL	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
SWH-WS-02-02	TCLP	8910011	SOIL	29		16		32		14		8	J	6	J	10	U	10	U	10	U	10	U
SWH-WS-02-02	TC_DL	8910011	SOIL	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
SWH-WS-04-02	TCLP	8910032	SOIL	31		21		36		13		8	J	6	J	10	U	10	U	10	U	10	U
SWH-WS-04-02	TC_DL	8910032	SOIL	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
SWH-WS-05-02	TCLP	8910046	SOIL	38		23		42		16		8	J	7	J	0	J	1	J	10	U	10	U
SWH-WS-05-02	TC_DL	8910046	SOIL	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
SWH-WS-06-02	TCLP	8910057	SOIL	30		18		41		17	U	7	J	5	J	17	U	17	U	17	U	17	U
SWH-WS-06-02	TC_DL	8910057	SOIL	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U

000467

Summary of PAH and Penta TCLP Data
High Soil Test
Raw Data
(Continued)

SAIC #		MPELI #	SOIL/ AQUEOUS	Benzo(a)-Pyrene	Q	Indeno (1,2,3-cd) Pyrene	Q	Dibenz (a,h)-Anthracene	Q	Benzo (g,h,i)-Perylene	Q
SWH-WS-01-02	TCLP	8910015	SOIL	10	U	10	U	10	U	10	U
SWH-WS-01-02	TC_DL	8910015	SOIL	100	U	100	U	100	U	100	U
SWH-WS-02-02	TCLP	8910011	SOIL	10	U	10	U	10	U	10	U
SWH-WS-02-02	TC_DL	8910011	SOIL	100	U	100	U	100	U	100	U
SWH-WS-04-02	TCLP	8910032	SOIL	10	U	10	U	10	U	10	U
SWH-WS-04-02	TC_DL	8910032	SOIL	100	U	100	U	100	U	100	U
SWH-WS-05-02	TCLP	8910046	SOIL	10	U	10	U	10	U	10	U
SWH-WS-05-02	TC_DL	8910046	SOIL	100	U	100	U	100	U	100	U
SWH-WS-06-02	TCLP	8910057	SOIL	17	U	17	U	17	U	17	U
SWH-WS-06-02	TC_DL	8910057	SOIL	100	U	100	U	100	U	100	U

Summary of Total Solids
Low Soil Test
Raw Data

Sample-ID	Time Sampled	Acurex ID	Analysis	Result	Units
SPL-01-00	0955	8909086	% Solids	89	%
SPL-02-00	1025	8909086	% Solids	89	%
SPL-03-00	1035	8909086	% Solids	88	%
SPL-04-00	1045	8909086	% Solids	89	%
SPL-05-00	1055	8909086	% Solids	90	%
SPL-06-00	1107	8909086	% Solids	90	%
SPL-07-00	1120	8909086	% Solids	89	%
SPL-08-00	1135	8909086	% Solids	89	%
SWL-CDE-01-01	1855	8909089	Total Solids	572	mg\l
SWL-CDE-01-02	0055	8909089	Total Solids	497	mg\l
SWL-CDE-01-03	0724	8909088	Total Solids	664	mg\l
SWL-CDE-01-04	1329	8909088	Total Solids	780	mg\l
SWL-CDE-02-01	1810	8909102	Total Solids	461	mg\l
SWL-CDE-02-02+	0150	8909102	Total Solids	702	mg\l
SWL-CDE-02-03	0750	8909101	Total Solids	1030	mg\l
SWL-CDE-02-04	1451	8909111	Total Solids	474	mg\l
SWL-CO-01-01	1900	8909088	% Solids	67	%
SWL-CO-01-02	0053	8909088	% Solids	67	%
SWL-CO-01-02+	0053	8909089	% Solids	74	%
SWL-CO-01-03	0723	8909088	% Solids	60	%
SWL-CO-01-03+	0723	8909089	% Solids	63	%
SWL-CO-01-04	1342	8909086	% Solids	67	%
SWL-CO-02-01	1826	8909103	% Solids	72	%
SWL-CO-02-02	0205	8909101	% Solids	73	%
SWL-CO-02-03	0715	8909101	% Solids	61	%
SWL-CO-02-04	1444	8909111	% Solids	80	%

000469

Summary of Total Solids
Low Soil Test
Raw Data

Sample-ID	Time Sampled	Acurex ID	Analysis	Result	Units
SWL-FO-01-01	1844	8909088	% Solids	6	%
SWL-FO-01-02	0039	8909088	% Solids	3	%
SWL-FO-01-03	0655	8909088	% Solids	13	%
SWL-FO-01-03+	0655	8909089	% Solids	12	%
SWL-FO-01-04	1315	8909090	% Solids	12	%
SWL-FO-02-01	1801	8909103	% Solids	7.6	%
SWL-FO-02-02	0128	8909101	% Solids	8.9	%
SWL-FO-02-03	0740	8909101	% Solids	6.6	%
SWL-FO-02-04	1509	8909111	% Solids	8	%
SWL-FPC-01-01	1849	8909089	% Solids	31	%
SWL-FPC-01-02	0049	8909088	% Solids	32	%
SWL-FPC-01-03	0725	8909089	% Solids	28	%
SWL-FPC-01-04	1323	8909090	% Solids	29	%
SWL-FPC-02-01	1818	8909103	% Solids	28	%
SWL-FPC-02-02	0215	8909101	% Solids	34	%
SWL-FPC-02-03	0710	8909101	% Solids	30	%
SWL-FPC-02-04	1456	8909102	% Solids	33	%
SWL-FS-01-01	N/A	8909089	% Solid	91	%
SWL-FS-01-02	0034	8909089	% Solid	89	%
SWL-FS-01-03	0635	8909089	% Solid	89	%
SWL-FS-01-04	1337	8909090	% Solid	89	%
SWL-FS-02-01	1815	8909103	% Solid	89	%
SWL-FS-02-02	0200	8909101	% Solid	89	%
SWL-FS-02-03	0653	8909101	% Solid	90	%
SWL-FS-02-04	1509	8909111	% Solid	88	%

Summary of Total Solids
Low Soil Test
Raw Data

Sample-ID	Time Sampled	Acurex ID	Analysis	Result	Units
SWL-MW-01-01	2307	8909088	Total Solids	242	mg/l
SWL-MW-01-02	1047	8909088	Total Solids	240	mg/l
SWL-MW-02-01	2249	8909102	Total Solids	282	mg/l
SWL-WS-01-01	1837	8909088	% Solid	62	%
SWL-WS-01-02	0037	8909088	% Solid	73	%
SWL-WS-01-02+	0037	8909089	% Solid	72	%
SWL-WS-01-03	0627	8909088	% Solid	77	%
SWL-WS-01-03	0627	8909089	% Solid	89	%
SWL-WS-01-03+	0627	8909089	% Solid	62	%
SWL-WS-01-04	1308	8909090	% Solid	66	%
SWL-WS-02-01	1759	8909102	% Solid	75	%
SWL-WS-02-01+	1759	8909102	% Solid	74	%
SWL-WS-02-02	0117	8909101	% Solid	73	%
SWL-WS-02-03	0650	8909102	% Solid	95	%
SWL-WS-02-04	1447	8909102	% Solid	73	%

Summary of Total Solids
High Soil Test
Raw Data

Sample-ID	Time Sampled	Acurex ID	Analysis	Result	Units
SPH-01-00	1225	8909085	% Solids	89	%
SPH-02-00	1250	8909085	% Solids	88	%
SPH-03-00	1210	8909085	% Solids	85	%
SPH-04-00	1325	8909085	% Solids	84	%
SPH-05-00	1340	8909085	% Solids	86	%
SPH-06-00	1400	8909085	% Solids	85	%
SPH-07-00	1530	8909085	% Solids	84	%
SPH-08-00	1540	8909085	% Solids	86	%
SPH-09-00	1615	8909085	% Solids	88	%
SPH-10-00	1627	8909085	% Solids	86	%
SPH-11-00	1644	8909085	% Solids	85	%
SPH-12-00	1703	8909085	% Solids	87	%
SWH-ATW-01-01	1023	8910005	Total Solids	399	mg\l
SWH-ATW-01-02	0000	8910005	Total Solids	502	mg\l
SWH-ATW-02-02	2340	8910005	Total Solids	515	mg\l
SWH-ATW-04-01	2013	8910032	Total Solids	420	mg\l
SWH-ATW-04-02+	0736	8910032	Total Solids	490	mg\l
SWH-ATW-05-01+	2128	8910051	Total Solids	565	mg\l
SWH-ATW-05-06	1005	8910045	Total Solids	447	mg\l
SWH-ATW-05-07	1005	8910045	Total Solids	481	mg\l
SWH-ATW-05-08	1005	8910045	Total Solids	450	mg\l
SWH-ATW-06-01	2148	8910056	Total Solids	480	mg\l
SWH-ATW-06-02	0334	8910057	Total Solids	521	mg\l
SWH-CDE-01-04+	2359	8910012	Total Solids	507	mg\l
SWH-CDE-02-01+	0705	8910005	Total Solids	315	mg\l

Summary of Total Solids
High Soil Test
Raw Data

Sample-ID	Time Sampled	Acurex ID	Analysis	Result	Units
SWH-CO-05-04	1012	8910045	% Solid	45	%
SWH-CO-05-05	1335	8910050	% Solid	45	%
SWH-CO-05-06	1335	8910050	% Solid	46	%
SWH-CO-05-07	1335	8910050	% Solid	45	%
SWH-CO-06-01	1551	8910045	% Solid	48	%
SWH-CO-06-02	2148	8910057	% Solid	52	%
SWH-CO-06-03	0039	8910057	% Solid	59	%
SWH-EQ-05-01+	1658	8910030	% Solid	6	%
SWH-FO-01-01	N/A	8910013	% Solid	10	%
SWH-FO-01-02	1209	8910005	% Solid	14	%
SWH-FO-01-02	1209	8910005	% Solid	14	%
SWH-FO-01-02+	1151	8910005	% Solid	7	%
SWH-FO-01-04	0130	8910013	% Solid	12	%
SWH-FO-02-01	0631	8910005	% Solid	11	%
SWH-FO-02-02	1207	8910014	% Solid	39	%
SWH-FO-02-03	1730	8910011	% Solid	14	%
SWH-FO-02-04	2328	8910015	% Solid	11	%
SWH-FO-04-01	1442	8910022	% Solid	18	%
SWH-FO-04-02	2011	8910037	% Solid	16	%
SWH-FO-04-03	0143	8910032	% Solid	15	%
SWH-FO-04-04	0736	8910030	% Solid	16	%
SWH-FO-05-01	1207	8910050	% Solid	22	%
SWH-FO-05-01+	1207	8910050	% Solid	25	%
SWH-FO-05-02	2128	8910050	% Solid	12	%
SWH-FO-05-03	0340	8910050	% Solid	11	%
SWH-FO-05-04	1027	8910045	% Solid	14	%

000474

Summary of Total Solids
High Soil Test
Raw Data

Sample-ID	Time Sampled	Acurex ID	Analysis	Result	Units
SWH-FO-05-05	1207	8910050	% Solid	15	%
SWH-FO-05-06	1207	8910050	% Solid	23	%
SWH-FO-05-07	1207	8910050	% Solid	30	%
SWH-FO-06-01	1607	8910045	% Solid	14	%
SWH-FO-06-02	2153	8910056	% Solid	14	%
SWH-FO-06-03	0331	8910056	% Solid	18	%
SWH-FPC-01-01	0540	8910013	% Solid	30	%
SWH-FPC-01-02	1204	8910015	% Solid	28	%
SWH-FPC-01-04	0045	8910014	% Solid	32	%
SWH-FPC-02-01	0643	8910011	% Solid	35	%
SWH-FPC-02-02	1150	8910014	% Solid	34	%
SWH-FPC-02-03	1747	8910013	% Solid	16	%
SWH-FPC-02-04	2335	8910014	% Solid	11	%
SWH-FPC-04-01	1428	8910022	% Solid	38	%
SWH-FPC-04-02	2009	8910037	% Solid	43	%
SWH-FPC-04-03	0153	8910030	% Solid	44	%
SWH-FPC-04-04	0746	8910030	% Solid	32	%
SWH-FPC-05-01	1342	8910038	% Solid	34	%
SWH-FPC-05-01+	1342	8910038	% Solid	36	%
SWH-FPC-05-02	2131	8910046	% Solid	36	%
SWH-FPC-05-03	0347	8910046	% Solid	34	%
SWH-FPC-05-04	1017	8910046	% Solid	36	%
SWH-FPC-05-05	1342	8910050	% Solid	31	%
SWH-FPC-05-06	1342	8910038	% Solid	34	%
SWH-FPC-05-07	1342	8910050	% Solid	33	%
SWH-FPC-06-02	2205	8910057	% Solid	47	%
SWH-FPC-06-03	0337	8910057	% Solid	38	%

Summary of Total Solids
High Soil Test
Raw Data

Sample-ID	Time Sampled	Acurex ID	Analysis	Result	Units
SWH-FS-01-01	0515	8910013	% Soild	88	%
SWH-FS-01-02	1250	8910015	% Soild	49	%
SWH-FS-01-04	0040	8910013	% Soild	89	%
SWH-FS-02-01	0620	8910015	% Soild	85	%
SWH-FS-02-02	1142	8910015	% Soild	89	%
SWH-FS-02-03	1744	8910011	% Soild	88	%
SWH-FS-02-04	2328	8910012	% Soild	88	%
SWH-FS-04-01	1426	8910022	% Soild	88	%
SWH-FS-04-02	1959	8910032	% Soild	88	%
SWH-FS-04-03	0139	8910032	% Soild	87	%
SWH-FS-04-04	0742	8910030	% Soild	86	%
SWH-FS-05-01	1338	8910038	% Soild	86	%
SWH-FS-05-01+	1338	8910050	% Soild	87	%
SWH-FS-05-02	2136	8910046	% Soild	69	%
SWH-FS-05-03	0350	8910046	% Soild	86	%
SWH-FS-05-04	1010	8910056	% Soild	87	%
SWH-FS-05-06	1338	8910050	% Soild	58	%
SWH-FS-05-07	1338	8910038	% Soild	87	%
SWH-FS-06-01	1549	8910045	% Soild	85	%
SWH-FS-06-02	2202	8910057	% Soild	87	%
SWH-FS-06-03	0331	8910056	% Soild	88	%
SWH-MW-01-01	1019	8910005	Total Solids	235	mg/l
SWH-MW-02-01	1036	8910005	Total Solids	350	mg/l
SWH-MW-02-02+	2338	8910006	Total Solids	304	mg/l
SWH-MW-04-01+	2014	8910032	Total Solids	277	mg/l
SWH-MW-04-02+	0740	8910030	Total Solids	203	mg/l

Summary of Total Solids
High Soil Test
Raw Data

Sample-ID	Time Sampled	Acurex ID	Analysis	Result	Units
SWH-MW-05-01+	2132	8910046	Total Solids	246	mg/l
SWH-MW-05-07	1003	8910046	Total Solids	554	mg/l
SWH-MW-06-02	0344	8910057	Total Solids	873	mg/l
SWH-WS-01-01	0540	8910005	% Solid	36	%
SWH-WS-01-02	1151	8910015	% Solid	71	%
SWH-WS-01-04	0050	8910015	% Solid	71	%
SWH-WS-02-01	0620	8910015	% Solid	73	%
SWH-WS-02-02	1153	8910011	% Solid	73	%
SWH-WS-02-03	1736	8910011	% Solid	73	%
SWH-WS-02-04	2330	8910015	% Solid	72	%
SWH-WS-04-01	1429	8910022	% Solid	69	%
SWH-WS-04-02	1955	8910032	% Solid	72	%
SWH-WS-04-03	0140	8910030	% Solid	73	%
SWH-WS-04-04	0744	8910037	% Solid	71	%
SWH-WS-05-01	1339	8910038	% Solid	73	%
SWH-WS-05-01+	1339	8910038	% Solid	72	%
SWH-WS-05-02	2126	8910046	% Solid	69	%
SWH-WS-05-03	0343	8910046	% Solid	70	%
SWH-WS-05-04	1015	8910045	% Solid	70	%
SWH-WS-05-06	1339	8910038	% Solid	81	%
SWH-WS-05-07	1339	8910050	% Solid	71	%
SWH-WS-06-01	1608	8910056	% Solid	73	%
SWH-WS-06-02	2205	8910057	% Solid	75	%
SWH-WS-06-03+	0343	8910057	% Solid	64	%

Summary of Cation Exchange Capacity

High and Low Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SPH-C-00	Cation exchange capacity	3.2	meq/100g			0.0000	8909257	02	A	CECSSN00	SPH	C	00	00	
SPL-C-00	Cation exchange capacity	6.1	meq/100g			0.0000	8909257	01	A	CECSSN00	SPL	C	00	00	

000478

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

Low Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SPL-C-00	Total organic carbon	5000	mg/kg			0.00	8909257	06	A	TOCWSN00	SPL	C	00	00	
SWL-CDE-01-01	Total organic carbon	220	mg/L			10.00	8909261	30	A	TOCEWN00	SWL	CDE	01-1	01	1
SWL-CDE-01-02	Total organic carbon	78	mg/L			2.00	8909261	31	A	TOCEWN00	SWL	CDE	01-2	01	2
SWL-CDE-01-03	Total organic carbon	88	mg/L			2.00	8909261	32	A	TOCEWN00	SWL	CDE	01-3	01	3
SWL-CDE-01-04	Total organic carbon	56	mg/L			1.00	8910005	01	A	TOCEWN00	SWL	CDE	01-4	01	4
SWL-CDE-01-05	Total organic carbon	85	mg/L			2.00	8909261	33	A	TOCEWN00	SWL	CDE	01-5	01	5
SWL-CDE-02-01	Total organic carbon	49	mg/L			1.00	8910005	02	A	TOCEWN00	SWL	CDE	02-1	02	1
SWL-CDE-02-02	Total organic carbon	42	mg/L			1.00	8910005	03	A	TOCEWN00	SWL	CDE	02-2	02	2
SWL-CDE-02-03	Total organic carbon	140	mg/L			4.00	8910005	04	A	TOCEWN00	SWL	CDE	02-3	02	3
SWL-CDE-02-04	Total organic carbon	48	mg/L			1.00	8910005	05	A	TOCEWN00	SWL	CDE	02-4	02	4
SWL-CO-01-01	Total organic carbon	31000	mg/kg			0.00	8909261	14	A	TOCWSN00	SWL	CO	01-1	01	1
SWL-CO-01-02	Total organic carbon	14000	mg/kg			0.00	8909261	15	A	TOCWSN00	SWL	CO	01-2	01	2
SWL-CO-01-03	Total organic carbon	12000	mg/kg			0.00	8909261	16	A	TOCWSN00	SWL	CO	01-3	01	3
SWL-CO-01-04	Total organic carbon	17000	mg/kg			0.00	8910004	01	A	TOCWSN00	SWL	CO	01-4	01	4
SWL-CO-01-05	Total organic carbon	27000	mg/kg			0.00	8909261	17	A	TOCWSN00	SWL	CO	01-5	01	5
SWL-CO-02-01	Total organic carbon	14000	mg/kg			0.00	8910004	02	A	TOCWSN00	SWL	CO	02-1	02	1
SWL-CO-02-02	Total organic carbon	15000	mg/kg			0.00	8910004	03	A	TOCWSN00	SWL	CO	02-2	02	2
SWL-CO-02-03	Total organic carbon	9800	mg/kg			0.00	8910004	04	A	TOCWSN00	SWL	CO	02-3	02	3
SWL-CO-02-04	Total organic carbon	10000	mg/kg			0.00	8910004	05	A	TOCWSN00	SWL	CO	02-4	02	4
SWL-EQB-02-02	Total organic carbon	0	mg/L	ND	<	1.00	8910005	07	A	TOCEWN00	SWL	EQB	02-2	02	2
SWL-FO-01-01	Total organic carbon	5200	mg/kg			0.00	8909261	18	A	TOCWSN00	SWL	FO	01-1	01	1
SWL-FO-01-02	Total organic carbon	8000	mg/kg			0.00	8909261	19	A	TOCWSN00	SWL	FO	01-2	01	2
SWL-FO-01-03	Total organic carbon	15000	mg/kg			0.00	8909261	20	A	TOCWSN00	SWL	FO	01-3	01	3
SWL-FO-01-04	Total organic carbon	16000	mg/kg			0.00	8909261	21	A	TOCWSN00	SWL	FO	01-4	01	4

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

Low Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWL-FO-01-05	Total organic carbon	32000	mg/kg			0.00	8909261	22	A	TOCWSN00	SWL	FO	01-5	01	5
SWL-FO-02-01	Total organic carbon	7600	mg/kg			0.00	8910004	06	A	TOCWSN00	SWL	FO	02-1	02	1
SWL-FO-02-02	Total organic carbon	20000	mg/kg			0.00	8910004	07	A	TOCWSN00	SWL	FO	02-2	02	2
SWL-FO-02-03	Total organic carbon	22000	mg/kg			0.00	8910004	08	A	TOCWSN00	SWL	FO	02-3	02	3
SWL-FO-02-04	Total organic carbon	24000	mg/kg			0.00	8910004	09	A	TOCWSN00	SWL	FO	02-4	02	4
SWL-FPC-01-01	Total organic carbon	25000	mg/kg			0.00	8909261	09	A	TOCWSN00	SWL	FPC	01-1	01	1
SWL-FPC-01-02	Total organic carbon	19000	mg/kg			0.00	8909261	10	A	TOCWSN00	SWL	FPC	01-2	01	2
SWL-FPC-01-03	Total organic carbon	23000	mg/kg			0.00	8909261	11	A	TOCWSN00	SWL	FPC	01-3	01	3
SWL-FPC-01-04	Total organic carbon	38000	mg/kg			0.00	8909261	12	A	TOCWSN00	SWL	FPC	01-4	01	4
SWL-FPC-01-05	Total organic carbon	26000	mg/kg			0.00	8909261	13	A	TOCWSN00	SWL	FPC	01-5	01	5
SWL-FPC-02-01	Total organic carbon	65000	mg/kg			0.00	8910004	10	A	TOCWSN00	SWL	FPC	02-1	02	1
SWL-FPC-02-02	Total organic carbon	27000	mg/kg			0.00	8910004	11	A	TOCWSN00	SWL	FPC	02-2	02	2
SWL-FPC-02-03	Total organic carbon	72000	mg/kg			0.00	8910004	12	A	TOCWSN00	SWL	FPC	02-3	02	3
SWL-FPC-02-04	Total organic carbon	50000	mg/kg			0.00	8910004	13	A	TOCWSN00	SWL	FPC	02-4	02	4
SWL-FS-01-01	Total organic carbon	8800	mg/kg			0.00	8909261	01	A	TOCWSN00	SWL	FS	01-1	01	1
SWL-FS-01-02	Total organic carbon	7000	mg/kg			0.00	8909261	02	A	TOCWSN00	SWL	FS	01-2	01	2
SWL-FS-01-03	Total organic carbon	4200	mg/kg			0.00	8909261	03	A	TOCWSN00	SWL	FS	01-3	01	3
SWL-FS-01-04	Total organic carbon	21000	mg/kg			0.00	8910004	14	A	TOCWSN00	SWL	FS	01-4	01	4
SWL-FS-02-01	Total organic carbon	19000	mg/kg			0.00	8910004	15	A	TOCWSN00	SWL	FS	02-1	02	1
SWL-FS-02-02	Total organic carbon	11000	mg/kg			0.00	8910004	16	A	TOCWSN00	SWL	FS	02-2	02	2
SWL-FS-02-03	Total organic carbon	14000	mg/kg			0.00	8910004	17	A	TOCWSN00	SWL	FS	02-3	02	3
SWL-FS-02-04	Total organic carbon	13000	mg/kg			0.00	8910004	18	A	TOCWSN00	SWL	FS	02-4	02	4
SWL-FS-02-05	Total organic carbon	11000	mg/kg			0.00	8910004	19	A	TOCWSN00	SWL	FS	02-5	02	5
SWL-MW-01-01	Total organic carbon	240	mg/L			10.00	8909261	29	A	TOCEWN00	SWL	MW	01-1	01	1
SWL-MW-01-02	Total organic carbon	2.7	mg/L	<5X		1.00	8910005	09	A	TOCEWN00	SWL	MW	01-2	01	2

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

Low Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWL-MW-02-01	Total organic carbon	80	mg/L			1.00	8910005	10	A	TOCEWN00	SWL	MW	02-1	02	1
SWL-MW-02-02	Total organic carbon	7.8	mg/L			1.00	8910005	11	A	TOCEWN00	SWL	MW	02-2	02	2
SWL-MW-02-05	Total organic carbon	8.0	mg/L			1.00	8910005	12	A	TOCEWN00	SWL	MW	02-5	02	5
SWL-WS-01-01	Total organic carbon	1900	mg/kg			0.00	8909261	04	A	TOCWSN00	SWL	WS	01-1	01	1
SWL-WS-01-02	Total organic carbon	1500	mg/kg			0.00	8909261	05	A	TOCWSN00	SWL	WS	01-2	01	2
SWL-WS-01-03	Total organic carbon	1800	mg/kg			0.00	8909261	06	A	TOCWSN00	SWL	WS	01-3	01	3
SWL-WS-01-04	Total organic carbon	1200	mg/kg			0.00	8909261	07	A	TOCWSN00	SWL	WS	01-4	01	4
SWL-WS-01-05	Total organic carbon	1500	mg/kg			0.00	8909261	08	A	TOCWSN00	SWL	WS	01-5	01	5
SWL-WS-02-01	Total organic carbon	2900	mg/kg			0.00	8910004	20	A	TOCWSN00	SWL	WS	02-1	02	1
SWL-WS-02-02	Total organic carbon	1900	mg/kg			0.00	8910004	21	A	TOCWSN00	SWL	WS	02-2	02	2
SWL-WS-02-03	Total organic carbon	2300	mg/kg			0.00	8910004	22	A	TOCWSN00	SWL	WS	02-3	02	3
SWL-WS-02-04	Total organic carbon	2300	mg/kg			0.00	8910004	23	A	TOCWSN00	SWL	WS	02-4	02	4
SPL-C-00	Total Petroleum Hydrocarbon	4000	mg/kg			40.00	8909257	06	A	HCTESN00	SPL	C	00	00	
SWL-CDE-01-01	Total Petroleum Hydrocarbon	2.7	mg/L	<5X		0.00	8909113	03	A	TRPH	SWL	CDE	01-1	01	1
SWL-CDE-01-02	Total Petroleum Hydrocarbon	6.4	mg/L	<5X		0.00	8909113	02	A	TRPH	SWL	CDE	01-2	01	2
SWL-CDE-01-03	Total Petroleum Hydrocarbon	8.5	mg/L	<5X		0.00	8909113	01	A	TRPH	SWL	CDE	01-3	01	3
SWL-CDE-01-04	Total Petroleum Hydrocarbon	5.3	mg/L	<5X		0.00	8909113	05	A	TRPH	SWL	CDE	01-4	01	4
SWL-CDE-01-05	Total Petroleum Hydrocarbon	3.9	mg/L	<5X		0.00	8909113	04	A	TRPH	SWL	CDE	01-5	01	5
SWL-CDE-02-01	Total Petroleum Hydrocarbon	3.5	mg/L			0.00	8909122	07	A	TRPH	SWL	CDE	02-1	02	1
SWL-CDE-02-02	Total Petroleum Hydrocarbon	7.2	mg/L	<5X		0.00	8909118	03	A	TRPH	SWL	CDE	02-2	02	2
SWL-CDE-02-03	Total Petroleum Hydrocarbon	3.8	mg/L	<5X		0.00	8909118	08	A	TRPH	SWL	CDE	02-3	02	3
SWL-CDE-02-04	Total Petroleum Hydrocarbon	3.7	mg/L			0.00	8909122	08	A	TRPH	SWL	CDE	02-4	02	4
SWL-CO-01-01	Total Petroleum Hydrocarbon	8600	mg/kg			200.00	8909261	14	A	HCTESN00	SWL	CO	01-1	01	1
SWL-CO-01-02	Total Petroleum Hydrocarbon	8100	mg/kg			190.00	8909261	15	A	HCTESN00	SWL	CO	01-2	01	2

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

Low Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWL-CO-01-03	Total Petroleum Hydrocarbon	8900	mg/kg			200.00	8909261	16	A	HCTESN00	SWL	CO	01-3	01	3
SWL-CO-01-04	Total Petroleum Hydrocarbon	3300	mg/kg			38.00	8910004	01	A	HCTESN00	SWL	CO	01-4	01	4
SWL-CO-01-05	Total Petroleum Hydrocarbon	4000	mg/kg			96.00	8909261	17	A	HCTESN00	SWL	CO	01-5	01	5
SWL-CO-02-01	Total Petroleum Hydrocarbon	7900	mg/kg			200.00	8910004	02	A	HCTESN00	SWL	CO	02-1	02	1
SWL-CO-02-02	Total Petroleum Hydrocarbon	6900	mg/kg			200.00	8910004	03	A	HCTESN00	SWL	CO	02-2	02	2
SWL-CO-02-03	Total Petroleum Hydrocarbon	3400	mg/kg			96.00	8910004	04	A	HCTESN00	SWL	CO	02-3	02	3
SWL-CO-02-04	Total Petroleum Hydrocarbon	3100	mg/kg			100.00	8910004	05	A	HCTESN00	SWL	CO	02-4	02	4
SWL-EQB-02-02	Total Petroleum Hydrocarbon	0	mg/L	ND	<	1.93	8909118	11	A	TRPH	SWL	EQB	02-2	02	2
SWL-FO-01-01	Total Petroleum Hydrocarbon	960	mg/kg			20.00	8909261	18	A	HCTESN00	SWL	FO	01-1	01	1
SWL-FO-01-02	Total Petroleum Hydrocarbon	1700	mg/kg			19.00	8909261	19	A	HCTESN00	SWL	FO	01-2	01	2
SWL-FO-01-03	Total Petroleum Hydrocarbon	1400	mg/kg			20.00	8909261	20	A	HCTESN00	SWL	FO	01-3	01	3
SWL-FO-01-04	Total Petroleum Hydrocarbon	2400	mg/kg			19.00	8909261	21	A	HCTESN00	SWL	FO	01-4	01	4
SWL-FO-01-05	Total Petroleum Hydrocarbon	1800	mg/kg			20.00	8909261	22	A	HCTESN00	SWL	FO	01-5	01	5
SWL-FO-02-01	Total Petroleum Hydrocarbon	640	mg/kg			20.00	8910004	06	A	HCTESN00	SWL	FO	02-1	02	1
SWL-FO-02-02	Total Petroleum Hydrocarbon	510	mg/kg			20.00	8910004	07	A	HCTESN00	SWL	FO	02-2	02	2
SWL-FO-02-03	Total Petroleum Hydrocarbon	1100	mg/kg			19.00	8910004	08	A	HCTESN00	SWL	FO	02-3	02	3
SWL-FO-02-04	Total Petroleum Hydrocarbon	810	mg/kg			19.00	8910004	09	A	HCTESN00	SWL	FO	02-4	02	4
SWL-FPC-01-01	Total Petroleum Hydrocarbon	1700	mg/kg			19.00	8909261	09	A	HCTESN00	SWL	FPC	01-1	01	1
SWL-FPC-01-02	Total Petroleum Hydrocarbon	1100	mg/kg			20.00	8909261	10	A	HCTESN00	SWL	FPC	01-2	01	2
SWL-FPC-01-03	Total Petroleum Hydrocarbon	2900	mg/kg			57.00	8909261	11	A	HCTESN00	SWL	FPC	01-3	01	3
SWL-FPC-01-04	Total Petroleum Hydrocarbon	940	mg/kg			20.00	8909261	12	A	HCTESN00	SWL	FPC	01-4	01	4
SWL-FPC-01-05	Total Petroleum Hydrocarbon	860	mg/kg			20.00	8909261	13	A	HCTESN00	SWL	FPC	01-5	01	5
SWL-FPC-02-01	Total Petroleum Hydrocarbon	1400	mg/kg			20.00	8910004	10	A	HCTESN00	SWL	FPC	02-1	02	1
SWL-FPC-02-02	Total Petroleum Hydrocarbon	1500	mg/kg			20.00	8910004	11	A	HCTESN00	SWL	FPC	02-2	02	2
SWL-FPC-02-03	Total Petroleum Hydrocarbon	860	mg/kg			20.00	8910004	12	A	HCTESN00	SWL	FPC	02-3	02	3

000482

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

Low Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWL-FPC-02-04	Total Petroleum Hydrocarbon	1100	mg/kg			19.00	8910004	13	A	HCTESN00	SWL	FPC	02-4	02	4
SWL-FS-01-01	Total Petroleum Hydrocarbon	3800	mg/kg			200.00	8909261	01	A	HCTESN00	SWL	FS	01-1	01	1
SWL-FS-01-02	Total Petroleum Hydrocarbon	3300	mg/kg			99.00	8909261	02	A	HCTESN00	SWL	FS	01-2	01	2
SWL-FS-01-03	Total Petroleum Hydrocarbon	10000	mg/kg			200.00	8909261	03	A	HCTESN00	SWL	FS	01-3	01	3
SWL-FS-01-04	Total Petroleum Hydrocarbon	2700	mg/kg			39.00	8910004	14	A	HCTESN00	SWL	FS	01-4	01	4
SWL-FS-02-01	Total Petroleum Hydrocarbon	1800	mg/kg			40.00	8910004	15	A	HCTESN00	SWL	FS	02-1	02	1
SWL-FS-02-02	Total Petroleum Hydrocarbon	1600	mg/kg			39.00	8910004	16	A	HCTESN00	SWL	FS	02-2	02	2
SWL-FS-02-03	Total Petroleum Hydrocarbon	2000	mg/kg			40.00	8910004	17	A	HCTESN00	SWL	FS	02-3	02	3
SWL-FS-02-04	Total Petroleum Hydrocarbon	2300	mg/kg			39.00	8910004	18	A	HCTESN00	SWL	FS	02-4	02	4
SWL-FS-02-05	Total Petroleum Hydrocarbon	2600	mg/kg			39.00	8910004	19	A	HCTESN00	SWL	FS	02-5	02	5
SWL-MW-01-01	Total Petroleum Hydrocarbon	1.6	mg/L	<5X		0.00	8909113	06	A	TRPH	SWL	MW	01-1	01	1
SWL-MW-01-02	Total Petroleum Hydrocarbon	2.3	mg/L	<5X		0.00	8909113	07	A	TRPH	SWL	MW	01-2	01	2
SWL-MW-02-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	1.92	8909118	01	A	TRPH	SWL	MW	02-1	02	1
SWL-MW-02-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.08	8909118	07	A	TRPH	SWL	MW	02-2	02	2
SWL-MW-02-05	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	1.94	8909118	06	A	TRPH	SWL	MW	02-5	02	5
SWL-WS-01-01	Total Petroleum Hydrocarbon	330	mg/kg			20.00	8909261	04	A	HCTESN00	SWL	WS	01-1	01	1
SWL-WS-01-02	Total Petroleum Hydrocarbon	130	mg/kg			19.00	8909261	05	A	HCTESN00	SWL	WS	01-2	01	2
SWL-WS-01-03	Total Petroleum Hydrocarbon	160	mg/kg			19.00	8909261	06	A	HCTESN00	SWL	WS	01-3	01	3
SWL-WS-01-04	Total Petroleum Hydrocarbon	260	mg/kg			20.00	8909261	07	A	HCTESN00	SWL	WS	01-4	01	4
SWL-WS-01-05	Total Petroleum Hydrocarbon	350	mg/kg			20.00	8909261	08	A	HCTESN00	SWL	WS	01-5	01	5
SWL-WS-02-01	Total Petroleum Hydrocarbon	200	mg/kg			20.00	8910004	20	A	HCTESN00	SWL	WS	02-1	02	1
SWL-WS-02-02	Total Petroleum Hydrocarbon	120	mg/kg			19.00	8910004	21	A	HCTESN00	SWL	WS	02-2	02	2
SWL-WS-02-03	Total Petroleum Hydrocarbon	230	mg/kg			20.00	8910004	22	A	HCTESN00	SWL	WS	02-3	02	3
SWL-WS-02-04	Total Petroleum Hydrocarbon	140	mg/kg			20.00	8910004	23	A	HCTESN00	SWL	WS	02-4	02	4

000483

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SPH-C-00	Total organic carbon	10000	mg/kg			0.0000	8909257	07	A	TOCWSN00	SPH	C	00	00	
SWH-ATW-01-01	Total organic carbon	31	mg/L			1.0000	8910025	18	A	TOCEWN00	SWH	ATW	01-1	01	1
SWH-ATW-01-01	Total organic carbon	31	mg/L			1.0000	8910025	18	A	TOCEWN00	SWH	ATW	01-1	01	1
SWH-ATW-01-02	Total organic carbon	33	mg/L			1.0000	8910025	19	A	TOCEWN00	SWH	ATW	01-2	01	2
SWH-ATW-01-02	Total organic carbon	33	mg/L			1.0000	8910025	19	A	TOCEWN00	SWH	ATW	01-2	01	2
SWH-ATW-02-01	Total organic carbon	28	mg/L			1.0000	8910025	20	A	TOCEWN00	SWH	ATW	02-1	02	1
SWH-ATW-02-01	Total organic carbon	28	mg/L			1.0000	8910025	20	A	TOCEWN00	SWH	ATW	02-1	02	1
SWH-ATW-02-02	Total organic carbon	150	mg/L			4.0000	8910025	21	A	TOCEWN00	SWH	ATW	02-2	02	2
SWH-ATW-02-02	Total organic carbon	150	mg/L			4.0000	8910025	21	A	TOCEWN00	SWH	ATW	02-2	02	2
SWH-ATW-04-01	Total organic carbon	160	mg/L			4.0000	8910054	02	A	TOCEWN00	SWH	ATW	04-1	04	1
SWH-ATW-04-01	Total organic carbon	160	mg/L			4.0000	8910054	02	A	TOCEWN00	SWH	ATW	04-1	04	1
SWH-ATW-04-02	Total organic carbon	80	mg/L			1.0000	8910054	03	A	TOCEWN00	SWH	ATW	04-2	04	2
SWH-ATW-04-02	Total organic carbon	80	mg/L			1.0000	8910054	03	A	TOCEWN00	SWH	ATW	04-2	04	2
SWH-ATW-04-05	Total organic carbon	38	mg/L			1.0000	8910054	04	A	TOCEWN00	SWH	ATW	04-5	04	5
SWH-ATW-04-05	Total organic carbon	38	mg/L			1.0000	8910054	04	A	TOCEWN00	SWH	ATW	04-5	04	5
SWH-ATW-05-01	Total organic carbon	36	mg/L			1.0000	8910069	13	A	TOCEWN00	SWH	ATW	05-1	05	1
SWH-ATW-05-01	Total organic carbon	36	mg/L			1.0000	8910069	13	A	TOCEWN00	SWH	ATW	05-1	05	1
SWH-ATW-05-02	Total organic carbon	40	mg/L			1.0000	8910069	14	A	TOCEWN00	SWH	ATW	05-2	05	2
SWH-ATW-05-02	Total organic carbon	40	mg/L			1.0000	8910069	14	A	TOCEWN00	SWH	ATW	05-2	05	2
SWH-ATW-06-01	Total organic carbon	260	mg/L			5.0000	8910087	10	A	TOCEWN00	SWH	ATW	06-1	06	1
SWH-ATW-06-01	Total organic carbon	260	mg/L			5.0000	8910087	10	A	TOCEWN00	SWH	ATW	06-1	06	1
SWH-ATW-06-02	Total organic carbon	36	mg/L			1.0000	8910087	11	A	TOCEWN00	SWH	ATW	06-2	06	2
SWH-ATW-06-02	Total organic carbon	36	mg/L			1.0000	8910087	11	A	TOCEWN00	SWH	ATW	06-2	06	2
SWH-CDE-01-01	Total organic carbon	69	mg/L			2.0000	8910025	26	A	TOCEWN00	SWH	CDE	01-1	01	1
SWH-CDE-01-02	Total organic carbon	6.3	mg/L			1.0000	8910025	25	A	TOCEWN00	SWH	CDE	01-2	01	2
SWH-CDE-01-04	Total organic carbon	66	mg/L			1.0000	8910025	14	A	TOCEWN00	SWH	CDE	01-4	01	4

000484

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-CDE-02-01	Total organic carbon	90	mg/L			2.0000	8910025	15	A	TOCEWN00	SWH	CDE	02-1	02	1
SWH-CDE-02-02	Total organic carbon	75	mg/L			1.0000	8910019	09	A	TOCEWN00	SWH	CDE	02-2	02	2
SWH-CDE-02-03	Total organic carbon	61	mg/L			1.0000	8910025	16	A	TOCEWN00	SWH	CDE	02-3	02	3
SWH-CDE-02-04	Total organic carbon	68	mg/L			1.0000	8910025	17	A	TOCEWN00	SWH	CDE	02-4	02	4
SWH-CDE-04-01	Total organic carbon	42	mg/L			1.0000	8910054	05	A	TOCEWN00	SWH	CDE	04-1	04	1
SWH-CDE-04-02	Total organic carbon	69	mg/L			1.0000	8910054	06	A	TOCEWN00	SWH	CDE	04-2	04	2
SWH-CDE-04-03	Total organic carbon	73	mg/L			1.0000	8910054	07	A	TOCEWN00	SWH	CDE	04-3	04	3
SWH-CDE-04-04	Total organic carbon	83	mg/L			1.0000	8910054	08	A	TOCEWN00	SWH	CDE	04-4	04	4
SWH-CDE-04-05	Total organic carbon	77	mg/L			1.0000	8910054	09	A	TOCEWN00	SWH	CDE	04-5	04	5
SWH-CDE-05-01	Total organic carbon	74	mg/L			1.0000	8910054	34	A	TOCEWN00	SWH	CDE	05-1	05	1
SWH-CDE-05-02	Total organic carbon	150	mg/L			2.0000	8910069	19	A	TOCEWN00	SWH	CDE	05-2	05	2
SWH-CDE-05-03	Total organic carbon	81	mg/L			1.0000	8910069	20	A	TOCEWN00	SWH	CDE	05-3	05	3
SWH-CDE-05-04	Total organic carbon	73	mg/L			1.0000	8910069	21	A	TOCEWN00	SWH	CDE	05-4	05	4
SWH-CDE-06-01	Total organic carbon	150	mg/L			2.0000	8910087	12	A	TOCEWN00	SWH	CDE	06-1	06	1
SWH-CDE-06-02	Total organic carbon	220	mg/L			7.7000	8910087	13	A	TOCEWN00	SWH	CDE	06-2	06	2
SWH-CDE-06-03	Total organic carbon	82	mg/L			1.0000	8910087	14	A	TOCEWN00	SWH	CDE	06-3	06	3
SWH-CO-01-01	Total organic carbon	25000	mg/kg			0.0000	8910017	01	A	TOCWSN00	SWH	CO	01-1	01	1
SWH-CO-01-02	Total organic carbon	29000	mg/kg			0.0000	8910017	02	A	TOCWSN00	SWH	CO	01-2	01	2
SWH-CO-01-04	Total organic carbon	54000	mg/kg			0.0000	8910017	03	A	TOCWSN00	SWH	CO	01-4	01	4
SWH-CO-02-01	Total organic carbon	24000	mg/kg			0.0000	8910017	04	A	TOCWSN00	SWH	CO	02-1	02	1
SWH-CO-02-02	Total organic carbon	33000	mg/kg			0.0000	8910017	05	A	TOCWSN00	SWH	CO	02-2	02	2
SWH-CO-02-03	Total organic carbon	27000	mg/kg			0.0000	8910017	06	A	TOCWSN00	SWH	CO	02-3	02	3
SWH-CO-02-04	Total organic carbon	29000	mg/kg			0.0000	8910017	07	A	TOCWSN00	SWH	CO	02-4	02	4
SWH-CO-04-01	Total organic carbon	8400	mg/kg			0.0000	8910052	01	A	TOCWSN00	SWH	CO	04-1	04	1
SWH-CO-04-02	Total organic carbon	3400	mg/kg			0.0000	8910052	02	A	TOCWSN00	SWH	CO	04-2	04	2
SWH-CO-04-03	Total organic carbon	3100	mg/kg			0.0000	8910052	03	A	TOCWSN00	SWH	CO	04-3	04	3
SWH-CO-04-04	Total organic carbon	8600	mg/kg			0.0000	8910052	04	A	TOCWSN00	SWH	CO	04-4	04	4

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-CO-04-05	Total organic carbon	18000	mg/kg			0.0000	8910052	05	A	TOCWSN00	SWH	CO	04-5	04	5
SWH-CO-05-01	Total organic carbon	4500	mg/kg			0.0000	8910052	06	A	TOCWSN00	SWH	CO	05-1	05	1
SWH-CO-05-02	Total organic carbon	22000	mg/kg			0.0000	8910067	09	A	TOCWSN00	SWH	CO	05-2	05	2
SWH-CO-05-03	Total organic carbon	29000	mg/kg			0.0000	8910067	10	A	TOCWSN00	SWH	CO	05-3	05	3
SWH-CO-05-04	Total organic carbon	26000	mg/kg			0.0000	8910067	11	A	TOCWSN00	SWH	CO	05-4	05	4
SWH-CO-06-01	Total organic carbon	26000	mg/kg			0.0000	8910067	12	A	TOCWSN00	SWH	CO	06-1	06	1
SWH-CO-06-02	Total organic carbon	19000	mg/kg			0.0000	8910087	19	A	TOCWSN00	SWH	CO	06-2	06	2
SWH-CO-06-03	Total organic carbon	27000	mg/kg			0.0000	8910087	20	A	TOCWSN00	SWH	CO	06-3	06	3
SWH-EQB-02-01	Total organic carbon	7.1	mg/L			1.0000	8910019	10	A	TOCEWN00	SWH	EQB	02-1	02	1
SWH-EQB-05-01	Total organic carbon	140	mg/L			4.0000	8910054	10	A	TOCEWN00	SWH	EQB	05-1	05	1
SWH-FO-01-01	Total organic carbon	29000	mg/kg			0.0000	8910017	08	A	TOCWSN00	SWH	FO	01-1	01	1
SWH-FO-01-02	Total organic carbon	19000	mg/kg			0.0000	8910017	09	A	TOCWSN00	SWH	FO	01-2	01	2
SWH-FO-01-04	Total organic carbon	24000	mg/kg			0.0000	8910017	10	A	TOCWSN00	SWH	FO	01-4	01	4
SWH-FO-02-01	Total organic carbon	34000	mg/kg			0.0000	8910017	11	A	TOCWSN00	SWH	FO	02-1	02	1
SWH-FO-02-02	Total organic carbon	23000	mg/kg			0.0000	8910017	12	A	TOCWSN00	SWH	FO	02-2	02	2
SWH-FO-02-03	Total organic carbon	52000	mg/kg			0.0000	8910017	13	A	TOCWSN00	SWH	FO	02-3	02	3
SWH-FO-02-04	Total organic carbon	14000	mg/kg			0.0000	8910017	14	A	TOCWSN00	SWH	FO	02-4	02	4
SWH-FO-04-01	Total organic carbon	21000	mg/kg			0.0000	8910052	07	A	TOCWSN00	SWH	FO	04-1	04	1
SWH-FO-04-02	Total organic carbon	14000	mg/kg			0.0000	8910052	08	A	TOCWSN00	SWH	FO	04-2	04	2
SWH-FO-04-03	Total organic carbon	16000	mg/kg			0.0000	8910052	09	A	TOCWSN00	SWH	FO	04-3	04	3
SWH-FO-04-04	Total organic carbon	13000	mg/kg			0.0000	8910052	10	A	TOCWSN00	SWH	FO	04-4	04	4
SWH-FO-04-05	Total organic carbon	18000	mg/kg			0.0000	8910052	11	A	TOCWSN00	SWH	FO	04-5	04	5
SWH-FO-05-01	Total organic carbon	110000	mg/kg			0.0000	8910151	01	A	TOCWSN00	SWH	FO	05-1	05	1
SWH-FO-05-02	Total organic carbon	27000	mg/kg			0.0000	8910067	06	A	TOCWSN00	SWH	FO	05-2	05	2
SWH-FO-05-03	Total organic carbon	20000	mg/kg			0.0000	8910067	07	A	TOCWSN00	SWH	FO	05-3	05	3
SWH-FO-05-04	Total organic carbon	28000	mg/kg			0.0000	8910067	08	A	TOCWSN00	SWH	FO	05-4	05	4

000486

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-FO-06-01	Total organic carbon	21000	mg/kg			0.0000	8910087	21	A	TOCWSN00	SWH	FO	06-1	06	1
SWH-FO-06-02	Total organic carbon	12000	mg/kg			0.0000	8910087	22	A	TOCWSN00	SWH	FO	06-2	06	2
SWH-FO-06-03	Total organic carbon	13000	mg/kg			0.0000	8910087	23	A	TOCWSN00	SWH	FO	06-3	06	3
SWH-FPC-01-01	Total organic carbon	50000	mg/kg			0.0000	8910017	29	A	TOCWSN00	SWH	FPC	01-1	01	1
SWH-FPC-01-02	Total organic carbon	45000	mg/kg			0.0000	8910017	30	A	TOCWSN00	SWH	FPC	01-2	01	2
SWH-FPC-01-04	Total organic carbon	16000	mg/kg			0.0000	8910017	31	A	TOCWSN00	SWH	FPC	01-4	01	4
SWH-FPC-02-01	Total organic carbon	100000	mg/kg			0.0000	8910017	32	A	TOCWSN00	SWH	FPC	02-1	02	1
SWH-FPC-02-02	Total organic carbon	54000	mg/kg			0.0000	8910017	33	A	TOCWSN00	SWH	FPC	02-2	02	2
SWH-FPC-02-03	Total organic carbon	110000	mg/kg			0.0000	8910017	34	A	TOCWSN00	SWH	FPC	02-3	02	3
SWH-FPC-02-04	Total organic carbon	56000	mg/kg			0.0000	8910017	35	A	TOCWSN00	SWH	FPC	02-4	02	4
SWH-FPC-04-01	Total organic carbon	120000	mg/kg			0.0000	8910052	23	A	TOCWSN00	SWH	FPC	04-1	04	1
SWH-FPC-04-02	Total organic carbon	70000	mg/kg			0.0000	8910052	24	A	TOCWSN00	SWH	FPC	04-2	04	2
SWH-FPC-04-03	Total organic carbon	44000	mg/kg			0.0000	8910052	25	A	TOCWSN00	SWH	FPC	04-3	04	3
SWH-FPC-04-04	Total organic carbon	18000	mg/kg			0.0000	8910052	26	A	TOCWSN00	SWH	FPC	04-4	04	4
SWH-FPC-04-05	Total organic carbon	32000	mg/kg			0.0000	8910052	27	A	TOCWSN00	SWH	FPC	04-5	04	5
SWH-FPC-05-01	Total organic carbon	98000	mg/kg			0.0000	8910052	28	A	TOCWSN00	SWH	FPC	05-1	05	1
SWH-FPC-05-02	Total organic carbon	51000	mg/kg			0.0000	8910067	20	A	TOCWSN00	SWH	FPC	05-2	05	2
SWH-FPC-05-03	Total organic carbon	64000	mg/kg			0.0000	8910067	21	A	TOCWSN00	SWH	FPC	05-3	05	3
SWH-FPC-05-04	Total organic carbon	82000	mg/kg			0.0000	8910067	22	A	TOCWSN00	SWH	FPC	05-4	05	4
SWH-FPC-06-01	Total organic carbon	76000	mg/kg			0.0000	8910067	23	A	TOCWSN00	SWH	FPC	06-1	06	1
SWH-FPC-06-02	Total organic carbon	30000	mg/kg			0.0000	8910087	29	A	TOCWSN00	SWH	FPC	06-2	06	2
SWH-FPC-06-03	Total organic carbon	37000	mg/kg			0.0000	8910087	30	A	TOCWSN00	SWH	FPC	06-3	06	3
SWH-FS-01-01	Total organic carbon	48000	mg/kg			0.0000	8910017	15	A	TOCWSN00	SWH	FS	01-1	01	1
SWH-FS-01-02	Total organic carbon	36000	mg/kg			0.0000	8910017	16	A	TOCWSN00	SWH	FS	01-2	01	2
SWH-FS-01-04	Total organic carbon	41000	mg/kg			0.0000	8910017	17	A	TOCWSN00	SWH	FS	01-4	01	4
SWH-FS-02-01	Total organic carbon	40000	mg/kg			0.0000	8910017	18	A	TOCWSN00	SWH	FS	02-1	02	1

000487

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-FS-02-02	Total organic carbon	19000	mg/kg			0.0000	8910017	19	A	TOCWSN00	SWH	FS	02-2	02	2
SWH-FS-02-03	Total organic carbon	36000	mg/kg			0.0000	8910017	20	A	TOCWSN00	SWH	FS	02-3	02	3
SWH-FS-02-04	Total organic carbon	25000	mg/kg			0.0000	8910017	21	A	TOCWSN00	SWH	FS	02-4	02	4
SWH-FS-04-01	Total organic carbon	7100	mg/kg			0.0000	8910052	12	A	TOCWSN00	SWH	FS	04-1	04	1
SWH-FS-04-02	Total organic carbon	5400	mg/kg			0.0000	8910052	13	A	TOCWSN00	SWH	FS	04-2	04	2
SWH-FS-04-03	Total organic carbon	3200	mg/kg			0.0000	8910052	14	A	TOCWSN00	SWH	FS	04-3	04	3
SWH-FS-04-04	Total organic carbon	4000	mg/kg			0.0000	8910052	15	A	TOCWSN00	SWH	FS	04-4	04	4
SWH-FS-04-05	Total organic carbon	8000	mg/kg			0.0000	8910052	16	A	TOCWSN00	SWH	FS	04-5	04	5
SWH-FS-05-01	Total organic carbon	6000	mg/kg			0.0000	8910052	17	A	TOCWSN00	SWH	FS	05-1	05	1
SWH-FS-05-02	Total organic carbon	12000	mg/kg			0.0000	8910067	13	A	TOCWSN00	SWH	FS	05-2	05	2
SWH-FS-05-03	Total organic carbon	16000	mg/kg			0.0000	8910067	14	A	TOCWSN00	SWH	FS	05-3	05	3
SWH-FS-05-04	Total organic carbon	12000	mg/kg			0.0000	8910067	15	A	TOCWSN00	SWH	FS	05-4	05	4
SWH-FS-06-01	Total organic carbon	11000	mg/kg			0.0000	8910087	24	A	TOCWSN00	SWH	FS	06-1	06	1
SWH-FS-06-02	Total organic carbon	5900	mg/kg			0.0000	8910087	25	A	TOCWSN00	SWH	FS	06-2	06	2
SWH-FS-06-03	Total organic carbon	7900	mg/kg			0.0000	8910087	26	A	TOCWSN00	SWH	FS	06-3	06	3
SWH-MW-01-01	Total organic carbon	1.9	mg/L	<5X		1.0000	8910025	10	A	TOCEWN00	SWH	MW	01-1	01	1
SWH-MW-01-02	Total organic carbon	28.0	mg/L			1.0000	8910025	11	A	TOCEWN00	SWH	MW	01-2	01	2
SWH-MW-02-01	Total organic carbon	4.8	mg/L	<5X		1.0000	8910025	12	A	TOCEWN00	SWH	MW	02-1	02	1
SWH-MW-02-02	Total organic carbon	2.6	mg/L	<5X		1.0000	8910025	13	A	TOCEWN00	SWH	MW	02-2	02	2
SWH-MW-04-01	Total organic carbon	24.0	mg/L			1.0000	8910054	11	A	TOCEWN00	SWH	MW	04-1	04	1
SWH-MW-04-02	Total organic carbon	54.0	mg/L			1.0000	8910054	12	A	TOCEWN00	SWH	MW	04-2	04	2
SWH-MW-05-01	Total organic carbon	3.7	mg/L	<5X		1.0000	8910069	15	A	TOCEWN00	SWH	MW	05-1	05	1
SWH-MW-05-02	Total organic carbon	32.0	mg/L			1.0000	8910069	16	A	TOCEWN00	SWH	MW	05-2	05	2
SWH-MW-05-05	Total organic carbon	33.0	mg/L			1.0000	8910069	17	A	TOCEWN00	SWH	MW	05-5	05	5
SWH-MW-06-01	Total organic carbon	13.0	mg/L			1.0000	8910087	15	A	TOCEWN00	SWH	MW	06-1	06	1
SWH-MW-06-02	Total organic carbon	7.6	mg/L			1.0000	8910087	16	A	TOCEWN00	SWH	MW	06-2	06	2

000488

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-WS-01-01	Total organic carbon	930	mg/kg			0.0000	8910017	22	A	TOCWSN00	SWH	WS	01-1	01	1
SWH-WS-01-02	Total organic carbon	4100	mg/kg			0.0000	8910017	23	A	TOCWSN00	SWH	WS	01-2	01	2
SWH-WS-01-04	Total organic carbon	510	mg/kg			0.0000	8910017	24	A	TOCWSN00	SWH	WS	01-4	01	4
SWH-WS-02-01	Total organic carbon	1200	mg/kg			0.0000	8910017	25	A	TOCWSN00	SWH	WS	02-1	02	1
SWH-WS-02-02	Total organic carbon	2000	mg/kg			0.0000	8910017	26	A	TOCWSN00	SWH	WS	02-2	02	2
SWH-WS-02-03	Total organic carbon	3300	mg/kg			0.0000	8910017	27	A	TOCWSN00	SWH	WS	02-3	02	3
SWH-WS-02-04	Total organic carbon	1300	mg/kg			0.0000	8910017	28	A	TOCWSN00	SWH	WS	02-4	02	4
SWH-WS-04-01	Total organic carbon	4100	mg/kg			0.0000	8910052	18	A	TOCWSN00	SWH	WS	04-1	04	1
SWH-WS-04-02	Total organic carbon	3100	mg/kg			0.0000	8910052	19	A	TOCWSN00	SWH	WS	04-2	04	2
SWH-WS-04-03	Total organic carbon	3900	mg/kg			0.0000	8910052	20	A	TOCWSN00	SWH	WS	04-3	04	3
SWH-WS-04-04	Total organic carbon	4300	mg/kg			0.0000	8910052	21	A	TOCWSN00	SWH	WS	04-4	04	4
SWH-WS-04-05	Total organic carbon	3600	mg/kg			0.0000	8910052	22	A	TOCWSN00	SWH	WS	04-5	04	5
SWH-WS-05-01	Total organic carbon	n/a													
SWH-WS-05-02	Total organic carbon	5400	mg/kg			0.0000	8910067	16	A	TOCWSN00	SWH	WS	05-2	05	2
SWH-WS-05-03	Total organic carbon	4300	mg/kg			0.0000	8910067	17	A	TOCWSN00	SWH	WS	05-3	05	3
SWH-WS-05-04	Total organic carbon	3800	mg/kg			0.0000	8910067	18	A	TOCWSN00	SWH	WS	05-4	05	4
SWH-WS-06-01	Total organic carbon	1900	mg/kg			0.0000	8910067	19	A	TOCWSN00	SWH	WS	06-1	06	1
SWH-WS-06-02	Total organic carbon	3600	mg/kg			0.0000	8910087	27	A	TOCWSN00	SWH	WS	06-2	06	2
SWH-WS-06-03	Total organic carbon	3500	mg/kg			0.0000	8910087	28	A	TOCWSN00	SWH	WS	06-3	06	3
SPH-C-00	Total Petroleum Hydrocarbon	8600	mg/kg			99.0000	8909257	07	A	HCTESN00	SPH	C	00	00	
SWH-ATW-01-01	Total Petroleum Hydrocarbon	3.6	mg/L	<5X		0.0000	8910009	25	A	TRPH	SWH	ATW	01-1	01	1
SWH-ATW-01-01	Total Petroleum Hydrocarbon	3.6	mg/L	<5X		0.0000	8910009	25	A	TRPH	SWH	ATW	01-1	01	1
SWH-ATW-01-02	Total Petroleum Hydrocarbon	7.8	mg/L	<5X		0.0000	8910010	15	A	TRPH	SWH	ATW	01-2	01	2
SWH-ATW-01-02	Total Petroleum Hydrocarbon	7.8	mg/L	<5X		0.0000	8910010	15	A	TRPH	SWH	ATW	01-2	01	2
SWH-ATW-02-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.2700	8910009	14	A	TRPH	SWH	ATW	02-1	02	1
SWH-ATW-02-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.2700	8910009	14	A	TRPH	SWH	ATW	02-1	02	1

000489

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-ATW-02-02	Total Petroleum Hydrocarbon	3.0	mg/L	<5X		0.0000	8910009	20	A	TRPH	SWH	ATW	02-2	02	2
SWH-ATW-02-02	Total Petroleum Hydrocarbon	3.0	mg/L	<5X		0.0000	8910009	20	A	TRPH	SWH	ATW	02-2	02	2
SWH-ATW-04-01	Total Petroleum Hydrocarbon	2.6	mg/L	<5X		0.0000	8910019	01	A	TRPH	SWH	ATW	04-1	04	1
SWH-ATW-04-01	Total Petroleum Hydrocarbon	2.6	mg/L	<5X		0.0000	8910019	01	A	TRPH	SWH	ATW	04-1	04	1
SWH-ATW-04-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0200	8910019	04	A	TRPH	SWH	ATW	04-2	04	2
SWH-ATW-04-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0200	8910019	04	A	TRPH	SWH	ATW	04-2	04	2
SWH-ATW-04-05	Total Petroleum Hydrocarbon	2.4	mg/L	<5X		0.0000	8910019	05	A	TRPH	SWH	ATW	04-5	04	5
SWH-ATW-04-05	Total Petroleum Hydrocarbon	2.4	mg/L	<5X		0.0000	8910019	05	A	TRPH	SWH	ATW	04-5	04	5
SWH-ATW-05-01	Total Petroleum Hydrocarbon	8.5	mg/L	<5X		0.0000	8910024	07	A	TRPH	SWH	ATW	05-1	05	1
SWH-ATW-05-01	Total Petroleum Hydrocarbon	8.5	mg/L	<5X		0.0000	8910024	07	A	TRPH	SWH	ATW	05-1	05	1
SWH-ATW-05-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0800	8910030	06	A	TRPH	SWH	ATW	05-2	05	2
SWH-ATW-05-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0800	8910030	06	A	TRPH	SWH	ATW	05-2	05	2
SWH-ATW-06-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0800	8910030	03	A	TRPH	SWH	ATW	06-1	06	1
SWH-ATW-06-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0800	8910030	03	A	TRPH	SWH	ATW	06-1	06	1
SWH-ATW-06-02	Total Petroleum Hydrocarbon	5.7	mg/L	<5X		0.0000	8910030	01	A	TRPH	SWH	ATW	06-2	06	2
SWH-ATW-06-02	Total Petroleum Hydrocarbon	5.7	mg/L	<5X		0.0000	8910030	01	A	TRPH	SWH	ATW	06-2	06	2
SWH-CDE-01-01	Total Petroleum Hydrocarbon	83.5	mg/L			0.0000	8910009	22	A	TRPH	SWH	CDE	01-1	01	1
SWH-CDE-01-02	Total Petroleum Hydrocarbon	9.4	mg/L	<5X		0.0000	8910009	02	A	TRPH	SWH	CDE	01-2	01	2
SWH-CDE-01-04	Total Petroleum Hydrocarbon	13.3	mg/L			0.0000	8910010	20	A	TRPH	SWH	CDE	01-4	01	4
SWH-CDE-02-01	Total Petroleum Hydrocarbon	8.2	mg/L	<5X		0.0000	8910010	13	A	TRPH	SWH	CDE	02-1	02	1
SWH-CDE-02-02	Total Petroleum Hydrocarbon	11.6	mg/L			0.0000	8910009	10	A	TRPH	SWH	CDE	02-2	02	2
SWH-CDE-02-03	Total Petroleum Hydrocarbon	13.4	mg/L			0.0000	8910009	03	A	TRPH	SWH	CDE	02-3	02	3
SWH-CDE-02-04	Total Petroleum Hydrocarbon	11.0	mg/L			0.0000	8910009	18	A	TRPH	SWH	CDE	02-4	02	4
SWH-CDE-04-01	Total Petroleum Hydrocarbon	2.5	mg/L	<5X		0.0000	8910019	10	A	TRPH	SWH	CDE	04-1	04	1
SWH-CDE-04-02	Total Petroleum Hydrocarbon	6.0	mg/L	<5X		0.0000	8910019	18	A	TRPH	SWH	CDE	04-2	04	2
SWH-CDE-04-03	Total Petroleum Hydrocarbon	8.7	mg/L	<5X		0.0000	8910019	14	A	TRPH	SWH	CDE	04-3	04	3
SWH-CDE-04-04	Total Petroleum Hydrocarbon	18.8	mg/L			0.0000	8910019	16	A	TRPH	SWH	CDE	04-4	04	4

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-CDE-04-05	Total Petroleum Hydrocarbon	8.4	mg/L	<5X		0.0000	8910019	03	A	TRPH	SWH	CDE	04-5	04	5
SWH-CDE-05-01	Total Petroleum Hydrocarbon	12.7	mg/L			0.0000	8910019	13	A	TRPH	SWH	CDE	05-1	05	1
SWH-CDE-05-02	Total Petroleum Hydrocarbon	28.3	mg/L			0.0000	8910024	05	A	TRPH	SWH	CDE	05-2	05	2
SWH-CDE-05-03	Total Petroleum Hydrocarbon	41.1	mg/L			0.0000	8910024	10	A	TRPH	SWH	CDE	05-3	05	3
SWH-CDE-05-04	Total Petroleum Hydrocarbon	6.4	mg/L	<5X		0.0000	8910030	09	A	TRPH	SWH	CDE	05-4	05	4
SWH-CDE-06-01	Total Petroleum Hydrocarbon	13.1	mg/L			0.0000	8910030	15	A	TRPH	SWH	CDE	06-1	06	1
SWH-CDE-06-02	Total Petroleum Hydrocarbon	7.7	mg/L	<5X		0.0000	8910030	16	A	TRPH	SWH	CDE	06-2	06	2
SWH-CDE-06-03	Total Petroleum Hydrocarbon	11.8	mg/L			0.0000	8910030	10	A	TRPH	SWH	CDE	06-3	06	3
SWH-CO-01-01	Total Petroleum Hydrocarbon	11000	mg/kg			********	8910017	01	A	HCTESN00	SWH	CO	01-1	01	1
SWH-CO-01-02	Total Petroleum Hydrocarbon	12000	mg/kg			********	8910017	02	A	HCTESN00	SWH	CO	01-2	01	2
SWH-CO-01-04	Total Petroleum Hydrocarbon	17000	mg/kg			********	8910017	03	A	HCTESN00	SWH	CO	01-4	01	4
SWH-CO-02-01	Total Petroleum Hydrocarbon	8500	mg/kg			********	8910017	04	A	HCTESN00	SWH	CO	02-1	02	1
SWH-CO-02-02	Total Petroleum Hydrocarbon	6900	mg/kg			95.0000	8910017	05	A	HCTESN00	SWH	CO	02-2	02	2
SWH-CO-02-03	Total Petroleum Hydrocarbon	25000	mg/kg			********	8910017	06	A	HCTESN00	SWH	CO	02-3	02	3
SWH-CO-02-04	Total Petroleum Hydrocarbon	6900	mg/kg			95.0000	8910017	07	A	HCTESN00	SWH	CO	02-4	02	4
SWH-CO-04-01	Total Petroleum Hydrocarbon	15000	mg/kg			********	8910052	01	A	HCTESN00	SWH	CO	04-1	04	1
SWH-CO-04-02	Total Petroleum Hydrocarbon	18000	mg/kg			********	8910052	02	A	HCTESN00	SWH	CO	04-2	04	2
SWH-CO-04-03	Total Petroleum Hydrocarbon	20000	mg/kg			********	8910052	03	A	HCTESN00	SWH	CO	04-3	04	3
SWH-CO-04-04	Total Petroleum Hydrocarbon	8400	mg/kg			********	8910052	04	A	HCTESN00	SWH	CO	04-4	04	4
SWH-CO-04-05	Total Petroleum Hydrocarbon	13000	mg/kg			********	8910052	05	A	HCTESN00	SWH	CO	04-5	04	5
SWH-CO-05-01	Total Petroleum Hydrocarbon	12000	mg/kg			********	8910052	06	A	HCTESN00	SWH	CO	05-1	05	1
SWH-CO-05-02	Total Petroleum Hydrocarbon	13000	mg/kg			********	8910067	09	A	HCTESN00	SWH	CO	05-2	05	2
SWH-CO-05-03	Total Petroleum Hydrocarbon	31000	mg/kg			********	8910067	10	A	HCTESN00	SWH	CO	05-3	05	3
SWH-CO-05-04	Total Petroleum Hydrocarbon	13000	mg/kg			********	8910067	11	A	HCTESN00	SWH	CO	05-4	05	4
SWH-CO-06-01	Total Petroleum Hydrocarbon	12000	mg/kg			********	8910067	12	A	HCTESN00	SWH	CO	06-1	06	1
SWH-CO-06-02	Total Petroleum Hydrocarbon	21000	mg/kg			********	8910087	19	A	HCTESN00	SWH	CO	06-2	06	2
SWH-CO-06-03	Total Petroleum Hydrocarbon	25000	mg/kg			********	8910087	20	A	HCTESN00	SWH	CO	06-3	06	3

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-EQB-02-01	Total Petroleum Hydrocarbon	0	mg/L	ND	<	2.1100	8910009	12	A	TRPH	SWH	EQB	02-1	02	1
SWH-EQB-05-01	Total Petroleum Hydrocarbon	0	mg/L	ND	<	2.1000	8910019	20	A	TRPH	SWH	EQB	05-1	05	1
SWH-FO-01-01	Total Petroleum Hydrocarbon	2000	mg/kg			38.0000	8910017	08	A	HCTESN00	SWH	FO	01-1	01	1
SWH-FO-01-02	Total Petroleum Hydrocarbon	1200	mg/kg			39.0000	8910017	09	A	HCTESN00	SWH	FO	01-2	01	2
SWH-FO-01-04	Total Petroleum Hydrocarbon	2500	mg/kg			39.0000	8910017	10	A	HCTESN00	SWH	FO	01-4	01	4
SWH-FO-02-01	Total Petroleum Hydrocarbon	3700	mg/kg			39.0000	8910017	11	A	HCTESN00	SWH	FO	02-1	02	1
SWH-FO-02-02	Total Petroleum Hydrocarbon	5500	mg/kg			99.0000	8910017	12	A	HCTESN00	SWH	FO	02-2	02	2
SWH-FO-02-03	Total Petroleum Hydrocarbon	3100	mg/kg			97.0000	8910017	13	A	HCTESN00	SWH	FO	02-3	02	3
SWH-FO-02-04	Total Petroleum Hydrocarbon	3200	mg/kg			98.0000	8910017	14	A	HCTESN00	SWH	FO	02-4	02	4
SWH-FO-04-01	Total Petroleum Hydrocarbon	11000	mg/kg			********	8910052	07	A	HCTESN00	SWH	FO	04-1	04	1
SWH-FO-04-02	Total Petroleum Hydrocarbon	12000	mg/kg			********	8910052	08	A	HCTESN00	SWH	FO	04-2	04	2
SWH-FO-04-03	Total Petroleum Hydrocarbon	9700	mg/kg			********	8910052	09	A	HCTESN00	SWH	FO	04-3	04	3
SWH-FO-04-04	Total Petroleum Hydrocarbon	13000	mg/kg			********	8910052	10	A	HCTESN00	SWH	FO	04-4	04	4
SWH-FO-04-05	Total Petroleum Hydrocarbon	11000	mg/kg			********	8910052	11	A	HCTESN00	SWH	FO	04-5	04	5
SWH-FO-05-01	Total Petroleum Hydrocarbon	13000	mg/kg			********	8910151	01	A	HCTESN00	SWH	FO	05-1	05	1
SWH-FO-05-02	Total Petroleum Hydrocarbon	6400	mg/kg			********	8910067	06	A	HCTESN00	SWH	FO	05-2	05	2
SWH-FO-05-03	Total Petroleum Hydrocarbon	12000	mg/kg			********	8910067	07	A	HCTESN00	SWH	FO	05-3	05	3
SWH-FO-05-04	Total Petroleum Hydrocarbon	8800	mg/kg			********	8910067	08	A	HCTESN00	SWH	FO	05-4	05	4
SWH-FO-06-01	Total Petroleum Hydrocarbon	19000	mg/kg			********	8910087	21	A	HCTESN00	SWH	FO	06-1	06	1
SWH-FO-06-02	Total Petroleum Hydrocarbon	12000	mg/kg			********	8910087	22	A	HCTESN00	SWH	FO	06-2	06	2
SWH-FO-06-03	Total Petroleum Hydrocarbon	19000	mg/kg			********	8910087	23	A	HCTESN00	SWH	FO	06-3	06	3
SWH-FPC-01-01	Total Petroleum Hydrocarbon	1900	mg/kg			19.0000	8910017	29	A	HCTESN00	SWH	FPC	01-1	01	1
SWH-FPC-01-02	Total Petroleum Hydrocarbon	2900	mg/kg			40.0000	8910017	30	A	HCTESN00	SWH	FPC	01-2	01	2
SWH-FPC-01-04	Total Petroleum Hydrocarbon	2000	mg/kg			38.0000	8910017	31	A	HCTESN00	SWH	FPC	01-4	01	4
SWH-FPC-02-01	Total Petroleum Hydrocarbon	3200	mg/kg			40.0000	8910017	32	A	HCTESN00	SWH	FPC	02-1	02	1

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-FPC-02-02	Total Petroleum Hydrocarbon	2200	mg/kg			38.0000	8910017	33	A	HCTESN00	SWH	FPC	02-2	02	2
SWH-FPC-02-03	Total Petroleum Hydrocarbon	1400	mg/kg			19.0000	8910017	34	A	HCTESN00	SWH	FPC	02-3	02	3
SWH-FPC-02-04	Total Petroleum Hydrocarbon	2500	mg/kg			20.0000	8910017	35	A	HCTESN00	SWH	FPC	02-4	02	4
SWH-FPC-04-01	Total Petroleum Hydrocarbon	2100	mg/kg			39.0000	8910052	23	A	HCTESN00	SWH	FPC	04-1	04	1
SWH-FPC-04-02	Total Petroleum Hydrocarbon	1100	mg/kg			20.0000	8910052	24	A	HCTESN00	SWH	FPC	04-2	04	2
SWH-FPC-04-03	Total Petroleum Hydrocarbon	2100	mg/kg			38.0000	8910052	25	A	HCTESN00	SWH	FPC	04-3	04	3
SWH-FPC-04-04	Total Petroleum Hydrocarbon	2400	mg/kg			39.0000	8910052	26	A	HCTESN00	SWH	FPC	04-4	04	4
SWH-FPC-04-05	Total Petroleum Hydrocarbon	3900	mg/kg			58.0000	8910052	27	A	HCTESN00	SWH	FPC	04-5	04	5
SWH-FPC-05-01	Total Petroleum Hydrocarbon	1000	mg/kg			20.0000	8910052	28	A	HCTESN00	SWH	FPC	05-1	05	1
SWH-FPC-05-02	Total Petroleum Hydrocarbon	2300	mg/kg			39.0000	8910067	20	A	HCTESN00	SWH	FPC	05-2	05	2
SWH-FPC-05-03	Total Petroleum Hydrocarbon	1800	mg/kg			39.0000	8910067	21	A	HCTESN00	SWH	FPC	05-3	05	3
SWH-FPC-05-04	Total Petroleum Hydrocarbon	3600	mg/kg			38.0000	8910067	22	A	HCTESN00	SWH	FPC	05-4	05	4
SWH-FPC-06-01	Total Petroleum Hydrocarbon	1200	mg/kg			20.0000	8910067	23	A	HCTESN00	SWH	FPC	06-1	06	1
SWH-FPC-06-02	Total Petroleum Hydrocarbon	8600	mg/kg			19.0000	8910087	29	A	HCTESN00	SWH	FPC	06-2	06	2
SWH-FPC-06-03	Total Petroleum Hydrocarbon	4400	mg/kg			19.0000	8910087	30	A	HCTESN00	SWH	FPC	06-3	06	3
SWH-FS-01-01	Total Petroleum Hydrocarbon	9800	mg/kg			99.0000	8910017	15	A	HCTESN00	SWH	FS	01-1	01	1
SWH-FS-01-02	Total Petroleum Hydrocarbon	10000	mg/kg			********	8910017	16	A	HCTESN00	SWH	FS	01-2	01	2
SWH-FS-01-04	Total Petroleum Hydrocarbon	9700	mg/kg			********	8910017	17	A	HCTESN00	SWH	FS	01-4	01	4
SWH-FS-02-01	Total Petroleum Hydrocarbon	11000	mg/kg			********	8910017	18	A	HCTESN00	SWH	FS	02-1	02	1
SWH-FS-02-02	Total Petroleum Hydrocarbon	9900	mg/kg			********	8910017	19	A	HCTESN00	SWH	FS	02-2	02	2
SWH-FS-02-03	Total Petroleum Hydrocarbon	9800	mg/kg			********	8910017	20	A	HCTESN00	SWH	FS	02-3	02	3
SWH-FS-02-04	Total Petroleum Hydrocarbon	1100	mg/kg			********	8910017	21	A	HCTESN00	SWH	FS	02-4	02	4
SWH-FS-04-01	Total Petroleum Hydrocarbon	9000	mg/kg			********	8910052	12	A	HCTESN00	SWH	FS	04-1	04	1
SWH-FS-04-02	Total Petroleum Hydrocarbon	9100	mg/kg			********	8910052	13	A	HCTESN00	SWH	FS	04-2	04	2
SWH-FS-04-03	Total Petroleum Hydrocarbon	11000	mg/kg			********	8910052	14	A	HCTESN00	SWH	FS	04-3	04	3
SWH-FS-04-04	Total Petroleum Hydrocarbon	4600	mg/kg			********	8910052	15	A	HCTESN00	SWH	FS	04-4	04	4
SWH-FS-04-05	Total Petroleum Hydrocarbon	9300	mg/kg			********	8910052	16	A	HCTESN00	SWH	FS	04-5	04	5

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-FS-05-01	Total Petroleum Hydrocarbon	9200	mg/kg			********	8910052	17	A	HCTESN00	SWH	FS	05-1	05	1
SWH-FS-05-02	Total Petroleum Hydrocarbon	9100	mg/kg			********	8910067	13	A	HCTESN00	SWH	FS	05-2	05	2
SWH-FS-05-03	Total Petroleum Hydrocarbon	8200	mg/kg			********	8910067	14	A	HCTESN00	SWH	FS	05-3	05	3
SWH-FS-05-04	Total Petroleum Hydrocarbon	7400	mg/kg			********	8910067	15	A	HCTESN00	SWH	FS	05-4	05	4
SWH-FS-06-01	Total Petroleum Hydrocarbon	10000	mg/kg			********	8910087	24	A	HCTESN00	SWH	FS	06-1	06	1
SWH-FS-06-02	Total Petroleum Hydrocarbon	5400	mg/kg			********	8910087	25	A	HCTESN00	SWH	FS	06-2	06	2
SWH-FS-06-03	Total Petroleum Hydrocarbon	9900	mg/kg			********	8910087	26	A	HCTESN00	SWH	FS	06-3	06	3
SWH-MW-01-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0500	8910009	08	A	TRPH	SWH	MW	01-1	01	1
SWH-MW-01-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0000	8910010	18	A	TRPH	SWH	MW	01-2	01	2
SWH-MW-02-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0600	8910009	01	A	TRPH	SWH	MW	02-1	02	1
SWH-MW-02-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	1.9200	8910009	27	A	TRPH	SWH	MW	02-2	02	2
SWH-MW-04-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0000	8910019	08	A	TRPH	SWH	MW	04-1	04	1
SWH-MW-04-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0800	8910019	12	A	TRPH	SWH	MW	04-2	04	2
SWH-MW-05-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.1500	8910024	06	A	TRPH	SWH	MW	05-1	05	1
SWH-MW-05-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0400	8910030	07	A	TRPH	SWH	MW	05-2	05	2
SWH-MW-05-05	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.1300	8910030	05	A	TRPH	SWH	MW	05-5	05	5
SWH-MW-06-01	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.2000	8910030	04	A	TRPH	SWH	MW	06-1	06	1
SWH-MW-06-02	Total Petroleum Hydrocarbon	0.0	mg/L	ND	<	2.0600	8910030	12	A	TRPH	SWH	MW	06-2	06	2
SWH-WS-01-01	Total Petroleum Hydrocarbon	480	mg/kg			20.0000	8910017	22	A	HCTESN00	SWH	WS	01-1	01	1
SWH-WS-01-02	Total Petroleum Hydrocarbon	410	mg/kg			20.0000	8910017	23	A	HCTESN00	SWH	WS	01-2	01	2
SWH-WS-01-04	Total Petroleum Hydrocarbon	530	mg/kg			20.0000	8910017	24	A	HCTESN00	SWH	WS	01-4	01	4
SWH-WS-02-01	Total Petroleum Hydrocarbon	210	mg/kg			19.0000	8910017	25	A	HCTESN00	SWH	WS	02-1	02	1
SWH-WS-02-02	Total Petroleum Hydrocarbon	390	mg/kg			20.0000	8910017	26	A	HCTESN00	SWH	WS	02-2	02	2
SWH-WS-02-03	Total Petroleum Hydrocarbon	650	mg/kg			19.0000	8910017	27	A	HCTESN00	SWH	WS	02-3	02	3
SWH-WS-02-04	Total Petroleum Hydrocarbon	650	mg/kg			20.0000	8910017	28	A	HCTESN00	SWH	WS	02-4	02	4
SWH-WS-04-01	Total Petroleum Hydrocarbon	290	mg/kg			19.0000	8910052	18	A	HCTESN00	SWH	WS	04-1	04	1

Summary of Total Organic Carbon and Total Recoverable Petroleum Hydrocarbons

High Soil Test

Raw Data

SAMPLEID	ANALYTE	RESULT	UNIT MEASUR	RSLT FLAG	RSLT CHAR	DETECT LIM	WORK ORDER	WOFRAC	WOFLAG	TEST_CODE	PROCESS	LOCATION	SUBSAMPLID	DAY	EVENT
SWH-WS-04-02	Total Petroleum Hydrocarbon	540	mg/kg			19.0000	8910052	19	A	HCTESN00	SWH	WS	04-2	04	2
SWH-WS-04-03	Total Petroleum Hydrocarbon	730	mg/kg			20.0000	8910052	20	A	HCTESN00	SWH	WS	04-3	04	3
SWH-WS-04-04	Total Petroleum Hydrocarbon	980	mg/kg			19.0000	8910052	21	A	HCTESN00	SWH	WS	04-4	04	4
SWH-WS-04-05	Total Petroleum Hydrocarbon	870	mg/kg			19.0000	8910052	22	A	HCTESN00	SWH	WS	04-5	04	5
SWH-WS-05-01	Total Petroleum Hydrocarbon	NO INFORMATION ON THIS SAMPLE													
SWH-WS-05-02	Total Petroleum Hydrocarbon	1200	mg/kg			39.0000	8910067	16	A	HCTESN00	SWH	WS	05-2	05	2
SWH-WS-05-03	Total Petroleum Hydrocarbon	930	mg/kg			19.0000	8910067	17	A	HCTESN00	SWH	WS	05-3	05	3
SWH-WS-05-04	Total Petroleum Hydrocarbon	1000	mg/kg			20.0000	8910067	18	A	HCTESN00	SWH	WS	05-4	05	4
SWH-WS-06-01	Total Petroleum Hydrocarbon	330	mg/kg			19.0000	8910067	19	A	HCTESN00	SWH	WS	06-1	06	1
SWH-WS-06-02	Total Petroleum Hydrocarbon	940	mg/kg			20.0000	8910087	27	A	HCTESN00	SWH	WS	06-2	06	2
SWH-WS-06-03	Total Petroleum Hydrocarbon	1300	mg/kg			19.0000	8910087	28	A	HCTESN00	SWH	WS	06-3	06	3

METALS DATA

Table 5 17.

Technology: Soil Washer
Penta Level: Low
Process Stream: Feed Soil

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWL-FS-01-01	N/A	8909089	CCA	mg/kg	24.6	17.5	13.3
SWL-FS-01-02	0034	8909089	CCA	mg/kg	12.0	15.8	14.7
SWL-FS-01-03	0635	8909089	CCA	mg/kg	11.5	17.4	13.9
SWL-FS-01-04	1337	8909090	CCA	mg/kg	10.4	16.7	19.2
SWL-FS-02-01	N/A	8909103	CCA	mg/kg	14.4	16.2	13.7
SWL-FS-02-02	0200	8909101	CCA	mg/kg	12.3	16.4	15.5
SWL-FS-02-03	0653	8909101	CCA	mg/kg	9.4	17.2	15.5
SWL-FS-02-03+	0653	8909101	CCA	mg/kg	15.5	18.3	14.5
SWL-FS-02-04	1509	8909111	CCA	mg/kg	11.7	17.2	12.0
AVERAGE					13.5	17.0	14.7
STD. DEV.					4.3	0.7	1.9
REL. STD. DEV. (%)					31.7	4.3	12.9
VARIANCE					18.4	0.5	3.6

+ Archive sample
N/A = Not Available

Table 4-~~16~~ 18.

Technology: Soil Washer
Penta Level: Low
Process Stream: Municipal Water

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWL-MW-01-01	2307	8909088	CCA	ug/l	*	*	153
SWL-MW-02-01	2249	8909103	CCA	ug/l	*	*	151
AVERAGE							152
STD. DEV.							1
REL. STD. DEV. (%)							0.7
VARIANCE							1.0

* No detected values to perform statistical analysis.

Table S4-19.

Technology: Soil Washer
Penta Level: Low
Process Stream: Washed Soil

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWL-WS-01-01	1837	8909088	CCA	mg/kg	10.3	15.4	6.7
SWL-WS-01-02+	0037	8909089	CCA	mg/kg	5.0	6.1	3.5
SWL-WS-01-03	0627	8909088	CCA	mg/kg	2.5	11.2	6.4
SWL-WS-01-04	1308	8909090	CCA	mg/kg	6.8	11.8	13.8
SWL-WS-02-01	1759	8909102	CCA	mg/kg	3.5	6.6	3.8
SWL-WS-02-01+	1759	8909102	CCA	mg/kg	3.6	5.3	2.3
SWL-WS-02-02	0117	8909101	CCA	mg/kg	4.0	6.9	5.1
SWL-WS-02-02+	0117	8909101	CCA	mg/kg	4.7	8.0	3.2
SWL-WS-02-04	1447	8909102	CCA	mg/kg	4.3	7.8	5.2
AVERAGE					5.0	8.8	5.6
STD. DEV.					2.2	3.1	3.2
REL. STD. DEV. (%)					44.2	35.6	58.1
VARIANCE					4.8	9.8	10.4

+ Archive sample

Table S4-20.

Technology: Soil Washer
Penta Level: Low
Process Stream: Coarse Oversize

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWL-CO-01-01	1900	8909088	CCA	mg/kg	10.6	19.1	19.0
SWL-CO-01-02+	0053	8909089	CCA	mg/kg	15.2	57.3	24.8
SWL-CO-01-03+	0723	8909089	CCA	mg/kg	32.7	26.2	17.5
SWL-CO-01-04	1342	8909088	CCA	mg/kg	6.9	45.7	43.0
SWL-CO-02-01	N/A	8909103	CCA	mg/kg	81.1	20.4	70.6
SWL-CO-02-02	0205	8909101	CCA	mg/kg	8.5	12.4	18.2
SWL-CO-02-04	1444	8909111	CCA	mg/kg	10.5	19.6	17.2
AVERAGE					23.6	28.7	30.0
STD. DEV.					24.8	15.2	18.6
REL. STD. DEV. (%)					104.9	53.1	61.9
VARIANCE					615.3	231.8	346.4

N/A = Not Available
+ Archive sample

Table ~~4-19~~ S4-21.

Technology: Soil Washer
Penta Level: Low
Process Stream: Fine Oversize

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWL-FO-01-01	1844	8909088	CCA	mg/l	4.1	7.6	32.1
SWL-FO-01-02	0039	8909088	CCA	mg/l	7.4	8.0	5.3
SWL-FO-01-03+	0655	8909089	CCA	mg/l	6.0	7.9	5.7
SWL-FO-01-04	1315	8909090	CCA	mg/l	4.0	11.6	16.0
SWL-FO-02-01	1801	8909103	CCA	mg/l	2.8	8.7	5.5
SWL-FO-02-02	0128	8909101	CCA	mg/l	5.3	9.1	12.1
SWL-FO-02-04	1509	8909111	CCA	mg/l	10.1	14.9	6.2
AVERAGE					5.7	9.7	11.8
STD. DEV.					2.3	2.5	9.1
REL. STD. DEV. (%)					40.2	25.5	76.9
VARIANCE					5.2	6.1	82.9

+Archive sample

Table ~~4-20~~ S4-22.

Technology: Soil Washer
Penta Level: Low
Process Stream: Fine Particle Cake

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWL-FPC-01-01	1849	8909089	CCA	mg/kg	30.4	47.0	46.8
SWL-FPC-01-02	0049	8909088	CCA	mg/kg	38.4	46.1	47.1
SWL-FPC-01-03	0725	8909089	CCA	mg/kg	40.4	49.1	52.3
SWL-FPC-01-04	1323	8909090	CCA	mg/kg	35.8	45.1	49.5
SWL-FPC-02-01	1801	8909103	CCA	mg/kg	41.9	47.6	44.9
SWL-FPC-02-02	0215	8909101	CCA	mg/kg	56.0	51.1	56.7
SWL-FPC-02-04	1456	8909102	CCA	mg/kg	45.5	49.7	48.4
AVERAGE					41.2	48.0	49.4
STD. DEV.					7.5	2.0	3.7
REL. STD. DEV. (%)					18.2	4.1	7.5
VARIANCE					56.0	3.8	13.6

Table ~~4-21~~ S4-23.

Technology: Soil Washer
Penta Level: Low
Process Stream: Combined Dewatering Effluent

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWL-CDE-01-01	1855	8909089	CCA	ug/l	29.1	19.2	51.4
SWL-CDE-01-02	0055	8909089	CCA	ug/l	19.7	11.7	33.4
SWL-CDE-01-04	1329	8909088	CCA	ug/l	37.7	33.7	6.9
SWL-CDE-02-01	1810	8909102	CCA	ug/l	21.4	13.5	38.4
SWL-CDE-02-02	0150	8909103	CCA	ug/l	46.6	47.7	76.2
SWL-CDE-02-04	1451	8909111	CCA	ug/l	34.5	32.6	54.5
AVERAGE					31.5	26.4	43.5
STD. DEV.					9.3	12.8	21.3
REL. STD. DEV.					29.6	48.4	49.0
VARIANCE					87.1	163.3	453.4

Metals Analysis - Feed Soil
High Concentration Test

Table ~~4-7~~ 54-8.

Technology: Soil Washer
Penta Level: High
Process Stream: Feed Soil

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWH-FS-01-01	0515	8910013	CCA	mg/kg	28.9	35.0	32.9
SWH-FS-01-02	1250	8910015	CCA	mg/kg	31.4	38.4	32.8
SWH-FS-01-04	0040	8910013	CCA	mg/kg	23.9	85.3	51.5
SWH-FS-02-01	0620	8910015	CCA	mg/kg	26.2	37.5	33.5
SWH-FS-02-02	1142	8910015	CCA	mg/kg	31.2	36.5	31.8
SWH-FS-02-03	1744	8910011	CCA	mg/kg	26.7	71.3	52.6
SWH-FS-02-04	2328	8910012	CCA	mg/kg	27.1	38.1	32.0
SWH-FS-04-01	1426	8910022	CCA	mg/kg	26.8	29.2	26.5
SWH-FS-04-02	1959	8910032	CCA	mg/kg	30.4	40.1	32.8
SWH-FS-04-03	0139	8910032	CCA	mg/kg	36.8	33.5	28.8
SWH-FS-04-04	0742	8910030	CCA	mg/kg	33.0	34.5	30.7
SWH-FS-05-01	1338	8910038	CCA	mg/kg	48.3	29.0	30.0
SWH-FS-05-02	2136	8910046	CCA	mg/kg	63.3	34.7	29.3
SWH-FS-05-03	0350	8910046	CCA	mg/kg	31.1	25.6	40.2
SWH-FS-05-04	1010	8910056	CCA	mg/kg	25.7	31.2	31.6
SWH-FS-06-01	1549	8910045	CCA	mg/kg	22.8	31.4	29.3
SWH-FS-06-02	2202	8910057	CCA	mg/kg	24.6	32.6	30.2
SWH-FS-06-03	0331	8910056	CCA	mg/kg	27.0	29.1	31.3
AVERAGE					31.4	38.5	33.8
STD. DEV. (n-1)					9.6	14.7	7.0
REL. STD. DEV. (%)					30.6	38.3	20.8
VARIANCE					92.2	217.3	49.2

Table S4-14 ~~4-13~~.

Technology: Soil Washer
Penta Level: High
Process Stream: Fine Particle Cake

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWH-FPC-01-02	1204	8910015	CCA	mg/kg	89.5	119.0	111.0
SWH-FPC-01-04	0045	8910014	CCA	mg/kg	105.0	141.0	136.0
SWH-FPC-02-02	1150	8910014	CCA	mg/kg	103.0	145.0	137.0
SWH-FPC-02-03	1747	8910013	CCA	mg/kg	98.8	134.0	131.0
SWH-FPC-02-04	2335	8910014	CCA	mg/kg	115.0	136.0	133.0
SWH-FPC-04-02	2009	8910037	CCA	mg/kg	53.8	112.0	113.0
SWH-FPC-04-03	0153	8910030	CCA	mg/kg	90.0	125.0	119.0
SWH-FPC-04-04	0746	8910030	CCA	mg/kg	89.9	102.0	104.0
SWH-FPC-05-02	2131	8910046	CCA	mg/kg	81.3	120.0	125.0
SWH-FPC-05-03	0347	8910046	CCA	mg/kg	81.3	114.0	118.0
SWH-FPC-05-04	1017	8910046	CCA	mg/kg	85.4	122.0	129.0
SWH-FPC-06-02	2205	8910057	CCA	mg/kg	69.7	124.0	124.0
SWH-FPC-06-03	0337	8910057	CCA	mg/kg	80.8	113.0	120.0
AVERAGE					88.0	123.6	123.1
STD. DEV.					15.2	12.0	9.7
REL. STD. DEV. (%)					17.3	9.7	7.9
VARIANCE					232.5	143.6	94.2

Table ~~4-12~~ S4-13.

Technology: Soil Washer
Penta Level: High
Process Stream: Fine Oversize

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWH-FO-01-02+	1151	8910005	CCA	mg/kg	8.1	31.8	18.9
SWH-FO-01-02	1209	8910005	CCA	mg/kg	16.8	24.8	17.3
SWH-FO-01-04	0130	8910013	CCA	mg/kg	17.0	40.4	27.8
SWH-FO-02-02	1207	8910014	CCA	mg/kg	17.5	27.4	20.1
SWH-FO-02-03	1730	8910011	CCA	mg/kg	20.2	52.3	27.3
SWH-FO-02-04	2338	8910015	CCA	mg/kg	9.8	22.9	16.4
SWH-FO-04-02	2011	8910037	CCA	mg/kg	26.8	30.0	24.3
SWH-FO-04-03	0143	8910032	CCA	mg/kg	31.8	35.8	25.0
SWH-FO-04-04	0736	8910030	CCA	mg/kg	24.3	46.7	33.9
SWH-FO-05-02	2128	8910050	CCA	mg/kg	14.2	26.2	21.1
SWH-FO-05-03	0340	8910050	CCA	mg/kg	29.5	41.1	31.8
SWH-FO-05-04	1027	8910045	CCA	mg/kg	17.9	34.2	28.7
SWH-FO-06-02	2153	8910056	CCA	mg/kg	21.2	29.9	27.6
SWH-FO-06-03	0331	8910056	CCA	mg/kg	31.9	62.6	47.9
AVERAGE					20.5	36.2	26.3
STD. DEV.					7.3	11.0	7.9
REL. STD. DEV. (%)					35.5	30.4	30.0
VARIANCE					53.1	121.0	62.2

+ = Archived sample

Table ~~4~~ S4-12. 11.

Technology: Soil Washer
Penta Level: High
Process Stream: Coarse Oversize

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWH-CO-01-02	1155	8910013	CCA	mg/kg	35.2	60.8	49.9
SWH-CO-01-04	0200	8910014	CCA	mg/kg	142.0	51.5	42.7
SWH-CO-02-02	1148	8910011	CCA	mg/kg	58.0	107.0	59.9
SWH-CO-02-03	1749	8910011	CCA	mg/kg	47.1	121.0	60.5
SWH-CO-02-04	2338	8910015	CCA	mg/kg	77.6	173.0	71.5
SWH-CO-04-02	2004	8910037	CCA	mg/kg	52.9	49.6	39.9
SWH-CO-04-03	0156	8910030	CCA	mg/kg	76.1	66.6	87.9
SWH-CO-04-04	0736	8910030	CCA	mg/kg	79.2	86.2	58.9
SWH-CO-05-02	2130	8910046	CCA	mg/kg	56.9	62.9	66
SWH-CO-05-03	0340	8910050	CCA	mg/kg	39.2	89.4	64.2
SWH-CO-05-04	1012	8910045	CCA	mg/kg	55.3	125.0	62.4
SWH-CO-06-02	2148	8910057	CCA	mg/kg	41.2	99.7	70.2
SWH-CO-06-03	0339	8910057	CCA	mg/kg	72.7	280.0	87.6
AVERAGE					64.1	105.6	63.2
STD. DEV.					26.7	60.5	13.9
REL. STD. DEV. (%)					41.6	57.3	22.0
VARIANCE					712.1	3666.3	193.0

Table ~~4~~ S4-11 10.

Technology: Soil Washer
Penta Level: High
Process Stream: Washed Soil

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWH-WS-01-02	1151	8910015	CCA	mg/kg	5.8	10.5	6.8
SWH-WS-01-04	0050	8910015	CCA	mg/kg	9.0	7.6	5.1
SWH-WS-02-02	1153	8910011	CCA	mg/kg	7.5	8.9	4.2
SWH-WS-02-03	1736	8910011	CCA	mg/kg	5.6	8.5	4.3
SWH-WS-02-04	2330	8910015	CCA	mg/kg	6.9	8.6	6.8
SWH-WS-04-03	0140	8910030	CCA	mg/kg	9.2	10.2	7.4
SWH-WS-04-04	0744	8910037	CCA	mg/kg	21.3	14.9	11.8
SWH-WS-05-02	2126	8910046	CCA	mg/kg	11.8	33.0	20.6
SWH-WS-05-03	0343	8910046	CCA	mg/kg	6.3	8.4	7.0
SWH-WS-05-04	1015	8910045	CCA	mg/kg	10.0	10.6	9.1
SWH-WS-06-02	2205	8910057	CCA	mg/kg	31.8	36.8	29.2
SWH-WS-06-03	0343	8910056	CCA	mg/kg	12.0	9.6	6.7
SWH-WS-06-03+	0343	8910057	CCA	mg/kg	13.9	14.1	12.8
AVERAGE					11.6	14.0	10.1
STD. DEV.					7.1	9.2	7.0
REL. STD. DEV. (%)					61.3	65.7	68.7
VARIANCE					50.7	84.4	48.5

+ = Archive sample

Table ~~4-14~~ S 4.16.

Technology: Soil Washer
Penta Level: High
Process Stream: Combined Dewatering Effluent

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWH-CDE-01-01	0520	8910013	CCA	ug/l	491.0	544.0	625.0
SWH-CDE-01-02	1158	8910014	CCA	ug/l	180.0	120.0	140.0
SWH-CDE-02-01	0705	8910006	CCA	ug/l	301.0	248.0	312.0
SWH-CDE-02-02	1157	8910006	CCA	ug/l	177.0	85.1	120.0
SWH-CDE-02-04	2332	8910014	CCA	ug/l	28.4	221.0	249.0
SWH-CDE-04-01	1431	8910022	CCA	ug/l	104.0	42.8	70.4
SWH-CDE-04-02	2005	8910037	CCA	ug/l	143.0	97.1	155.0
SWH-CDE-04-04	0745	8910037	CCA	ug/l	303.0	271.0	401.0
SWH-CDE-05-01	1340	8910046	CCA	ug/l	207.0	145.0	244.0
SWH-CDE-05-02	2136	8910046	CCA	ug/l	465.0	450.0	812.0
SWH-CDE-05-04	1012	8910051	CCA	ug/l	128.0	78.3	241.0
SWH-CDE-06-01+	1556	8910045	CCA	ug/l	177.0	130.0	228.0
SWH-CDE-06-02	2208	8910057	CCA	ug/l	188.0	105.0	214.0
AVERAGE					222.5	195.2	293.2
STD. DEV.					129.5	145.4	202.1
REL. STD. DEV. (%)					58.2	74.5	68.9
VARIANCE					16760.4	21152.5	40849.9

+ = Archived sample

Table ~~4-8~~ S4-9.

Technology: Soil Washer
Penta Level: High
Process Stream: ATS Recycled Water

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWH-ATS-01-01	1023	8910014	CCA	ug/l	17.3	12.4	12.8
SWH-ATS-01-02	0000	8910014	CCA	ug/l	16.8	11.3	8.3
SWH-ATS-02-01	1147	8910014	CCA	ug/l	29.3	12.7	11.7
SWH-ATS-02-02	2340	8910014	CCA	ug/l	27.7	14.7	12.2
SWH-ATS-04-01	2013	8910032	CCA	ug/l	55.4	10.7	25.3
SWH-ATS-04-02	0736	8910037	CCA	ug/l	42.4	9.4	19.4
SWH-ATS-05-01	2128	8910046	CCA	ug/l	40.9	11.5	28.0
SWH-ATS-05-02	1005	8910045	CCA	ug/l	42.8	10.7	23.8
SWH-ATS-06-01	2148	8910056	CCA	ug/l	43.5	10.3	28.3
SWH-ATS-06-02	0344	8910058	CCA	ug/l	47.4	10.6	31.1
AVERAGE					36.4	11.4	20.1
STD. DEV.					12.3	1.4	7.9
REL. STD. DEV. (%)					33.7	12.5	39.2
VARIANCE					150.5	2.0	61.9

Table ~~4-9~~ S4-10.

Technology: Soil Washer
Penta Level: High
Process Stream: Municipal Water

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Chromium	Copper
SWH-MW-01-01	1019	8910014	CCA	ug/l	# 4.8	# 8.5	233
SWH-MW-02-01	1036	8910014	CCA	ug/l	# 4.8	11.6	188
SWH-MW-02-02	2338	8910006	CCA	ug/l	5.1	# 8.5	222
SWH-MW-04-01	2014	8910032	CCA	ug/l	# 4.8	# 8.5	248
SWH-MW-05-01	2132	8910046	CCA	ug/l	# 4.8	# 8.5	269
SWH-MW-05-02	1003	8910045	CCA	ug/l	# 4.8	# 8.5	279
SWH-MW-06-01	2202	8910056	CCA	ug/l	# 4.8	# 8.5	250
AVERAGE							241.3
STD. DEV.							28.3
REL. STD. DEV. (%)							11.7
VARIANCE							798.8

Number of detected values does not meet 5/30 % rule.

Table S4-32 ~~4-30~~.

Technology: Soil Washer
Penta Level: Low
Process Stream: Municipal Water

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWL-MW-01-02	1047	8909088	Metals	ug/l	*	64.0	*	*	151	*	*	*	*
SWL-MW-02-02	1105	8909102	Metals	ug/l	*	70.5	*	*	155	*	*	*	*
AVERAGE						67.3			153.0				
STD. DEV.						3.3			2.0				
REL. STD. DEV.						4.8			1.3				
VARIANCE						10.6			4.0				

* No detected values to perform statistical analysis.

Table S4-33 ~~4-31~~.

Technology: Soil Washer
Penta Level: Low
Process Stream: Washed Soil

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWL-WS-01-03+	0627	8909089	Metals	mg/kg	3.2	14.3	*	5.8	2.5	# 3.8	0.11	*	*
SWL-WS-02-03	0650	8909102	Metals	mg/kg	3.9	12.6	*	6.4	5.0	8.0	# 0.09	*	*
AVERAGE					3.6	13.5		6.1	3.8				
STD. DEV.					0.3	0.8		0.3	1.2				
REL. STD. DEV. (%)					9.9	6.3		4.9	33.3				
VARIANCE					0.1	0.7		0.1	1.6				

+ Archive sample
* No detected values to perform statistical analysis.
# Number of detected values does not meet 5/30 % rule.

000508

Table ~~4-32~~ S4-34.

Technology: Soil Washer
Penta Level: Low
Process Stream: Coarse Oversize

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWL-CO-01-03	0723	8909088	Metals	mg/kg	5.6	331	0.52	22.4	15.0	17.0	*	*	*
SWL-CO-02-03	0715	8909101	Metals	mg/kg	11.4	142	0.51	36.4	19.2	15.4	*	*	*
AVERAGE					8.5	236.5	0.5	29.4	17.1	16.2			
STD. DEV.					2.9	94.5	0.0	7.0	2.1	0.8			
REL. STD. DEV.					34.1	40.0	1.0	23.8	12.3	4.9			
VARIANCE					8.4	8930.3	0.0	49.0	4.4	0.6			

* No detected values to perform statistical analysis.

Table ~~4-33~~ S4-35.

Technology: Soil Washer
Penta Level: Low
Process Stream: Fine Oversize

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWL-FO-01-03	0655	8909088	Metals	mg/l	7.5	7.4	*	9.7	8.8	12.5	*	*	*
SWL-FO-02-03	0740	8909101	Metals	mg/l	4.1	6.0	*	7.5	9.3	10.0	*	*	*
AVERAGE					5.8	6.7		8.6	9.1	11.3			
STD. DEV.					1.7	0.7		1.1	0.3	1.2			
REL.STD. DEV. (%)					29.3	10.4		12.8	2.8	11.1			
VARIANCE					2.9	0.5		1.2	0.1	1.6			

* No detected values to perform statistcal analysis.

Table 54-36. ~~4-34.~~

Technology: Soil Washer
Penta Level: Low
Process Stream: Fine Particle Cake

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWL-FPC-01-03	0725	8909089	Metals	mg/kg	34.0	86.1	0.65	41.9	42.7	70.9	0.17	*	*
SWL-FPC-02-03	0710	8909101	Metals	mg/kg	46.8	74.5	0.53	47.2	52.4	80.5	0.13	*	*
AVERAGE					40.4	80.3	0.6	44.6	47.6	75.7	0.2		
STD. DEV.					6.4	5.8	0.1	2.6	4.8	4.8	0.0		
REL. STD. DEV. (%)					15.8	7.2	10.2	5.9	10.2	6.3	13.3		
VARIANCE					41.0	33.6	0.0	7.0	23.5	23.0	0.0		

* No detected values to perform statistical analysis.

Table 54-37 ~~4-35.~~

Technology: Soil Washer
Penta Level: Low
Process Stream: Combined Dewatering Effluent

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWL-CDE-01-03	0724	8909088	Metals	ug/l	29.9	115	*	20.8	55.0	# 41.5	*	*	*
SWL-CDE-02-03	0750	8909101	Metals	ug/l	28.8	118	*	16.6	57.7	67.1	*	*	*
AVERAGE					29.4	116.5		18.7	56.4				
STD. DEV.					0.5	1.5		2.1	1.3				
REL. STD. DEV.					1.9	1.3		11.2	2.4				
VARIANCE					0.3	2.3		4.4	1.8				

* No detected values to perform statistical analysis.
# Number of detected values does not meet 5/30 % rule.

Table ~~4-25~~ 5-27.

Technology: Soil Washer
Penta Level: High
Process Stream: Washed Soil

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWH-WS-01-01	0540	8910005	Metals	mg/kg	6.7	17.1	*	7.7	4.2	8.2	0.11	*	*
SWH-WS-02-01	0620	8910015	Metals	mg/kg	9.0	34.9	*	8.0	5.1	5.2	# 0.09	*	*
SWH-WS-04-01	1429	8910022	Metals	mg/kg	32.7	19.9	*	11.3	8.5	5.9	# 0.09	*	*
SWH-WS-04-02	1955	8910032	Metals	mg/kg	7.7	12.9	*	5.1	3.2	4.5	0.11	*	*
SWH-WS-05-01	1339	8910038	Metals	mg/kg	33.7	28.7	*	17.3	15.3	10.1	0.12	*	*
SWH-WS-06-01	1608	8910056	Metals	mg/kg	10.4	25.4	*	10.8	7.7	7.1	# 0.09	*	*
AVERAGE					16.70	23.15		10.03	7.33	6.83			
STD. DEV.					11.73	7.37		3.85	4.02	1.90			
REL. STD. DEV. (%)					70.21	31.85		38.37	54.79	27.76			
VARIANCE					137.50	54.36		14.82	16.14	3.60			

* No detected values to perform statistical analysis.
\# Number of detected values does not meet 5/30 % rule.

Table 4-[illegible]. Technology: Soil Washer
Penta Level: High
Process Stream: Municipal Water

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWH-MW-01-02	0025	8910014	Metals	ug/l	# 4.8	80.7	*	10.2	256	*	*	*	*
SWH-MW-04-02	0740	8910037	Metals	ug/l	# 4.8	66.8	*	# 8.5	319	*	*	*	*
SWH-MW-06-02	0344	8910058	Metals	ug/l	# 4.8	56.8	*	# 8.5	261	*	*	*	*
AVERAGE						68.1			278.7				
STD. DEV.						9.8			28.6				
REL. STD. DEV. (%)						14.4			10.3				
VARIANCE						96.0			817.6				

* No detected values to perform statistical analysis.
\# Number of detected values does not meet 5/30 % rule.

000512

Table ~~4-27~~ 5-27.

Technology: Soil Washer
Penta Level: High
Process Stream: Fine Oversize

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWH-FO-01-01	N/A	8910013	Metals	mg/kg	10.7	8.3	*	26.9	17.4	5.7	0.07	*	*
SWH-FO-02-01	0631	8910005	Metals	mg/kg	18.4	9.7	*	30.4	21.5	8.5	0.07	*	*
SWH-FO-04-01	1442	8910022	Metals	mg/kg	22.4	14.1	*	37.3	29.7	12.5	0.15	*	*
SWH-FO-05-01	1207	8910050	Metals	mg/kg	36.9	26.1	*	52.4	38.3	13.2	0.31	*	*
SWH-FO-06-01	1607	8910045	Metals	mg/kg	36.8	20.6	*	50.3	43.1	15.5	0.21	*	*
AVERAGE					25.0	15.8		39.5	30.0	11.1	0.2		
STD. DEV.					10.4	6.7		10.3	9.7	3.5	0.1		
REL. STD. DEV. (%)					41.3	42.6		26.1	32.4	31.7	56.9		
VARIANCE					107.1	45.1		105.9	94.3	12.3	0.0		

N/A = Not Available

* No detected values to perform statistical analysis.

000513

Table 4-26. 5-4-30

Technology: Soil Washer
Penta Level: High
Process Stream: Fine Particulate Cake

Sample-ID Test Day-Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWH-FPC-01-01	0540	8910013	Metals	mg/kg	44.4	90.1	*	129.0	120.0	44.7	0.20	*	*
SWH-FPC-02-01	0643	8910011	Metals	mg/kg	84.5	86.0	*	128.0	120.0	47.2	0.15	*	*
SWH-FPC-04-01	1428	8910022	Metals	mg/kg	87.7	82.1	*	116.0	111.0	44.5	0.22	*	*
SWH-FPC-05-01	1342	8910038	Metals	mg/kg	85.4	85.8	*	122.0	130.0	48.4	0.24	*	*
SWH-FPC-06-01	1553	8910045	Metals	mg/kg	51.1	93.5	*	137.0	140.0	49.7	0.26	*	*
AVERAGE					70.6	87.5		126.4	124.2	46.9	0.2		
STD. DEV.					18.8	3.9		7.1	9.9	2.0	0.0		
REL. STD. DEV. (%)					26.7	4.5		5.6	8.0	4.3	17.6		
VARIANCE					354.3	15.4		49.8	98.6	4.2	0.0		

* No detected values to perform statistical analysis.

000514

Table 4-26.

Technology: Soil Washer
Penta Level: High
Process Stream: Coarse Oversize

Sample-ID Test Day Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWH-CO-01-01	0549	8910013	Metals	mg/kg	64.9	264	*	94.6	56.7	24.9	0.07	*	*
SWH-CO-02-01	0631	8910005	Metals	mg/kg	36.6	198	*	80.8	36.7	12.9	0.18	*	*
SWH-CO-04-01	1435	8910022	Metals	mg/kg	41.4	383	*	49.1	41.6	22.7	0.07	*	*
SWH-CO-05-01	1335	8910050	Metals	mg/kg	106.0	283	*	70.7	65.6	21.7	0.29	*	*
SWH-CO-06-01	1551	8910045	Metals	mg/kg	55.8	155	*	149.0	58.4	24.9	0.12	*	*
AVERAGE					60.9	256.6		88.8	51.8	21.4	0.1		
STD. DEV.					24.7	78.1		33.5	10.9	4.4	0.1		
REL. STD. DEV. (%)					40.5	30.4		37.8	21.0	20.7	57.4		
VARIANCE					609.4	6097.0		1125.1	118.0	19.7	0.0		

* No detected values to perform statistical analysis.

000515

Table ~~4-29~~ 5-43.

Technology: Soil Washer
Penta Level: High
Process Stream: Combined Dewatering Effluent

Sample-ID Test Day Time Period	Time Sampled	Acurex ID	Analysis	Units	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver
SWH-CDE-01-04	2359	8910006	Metals	ug/l	255.0	138.0	*	115.0	161.0	# 22.4	# 0.03	*	# 3.5
SWH-CDE-02-03	1742	8910014	Metals	ug/l	192.0	139.0	*	123.0	146.0	50.5	# 0.03	*	# 3.5
SWH-CDE-04-03	0152	8910032	Metals	ug/l	1200.0	1300.0	*	1080.0	1950.0	597.0	1.4	*	22.0
SWH-CDE-05-03	0345	8910046	Metals	ug/l	268.0	208.0	*	193.0	292.0	81.5	# 0.03	*	# 3.5
SWH-CDE-06-03	0342	8910057	Metals	ug/l	179.0	155.0	*	122.0	196.0	# 22.4	# 0.03	*	# 3.5
AVERAGE					418.8	388.0		326.6	549.0				
STD. DEV.					392.1	456.7		377.8	702.3				
REL. STD. DEV. (%)					93.6	117.7		115.7	127.9				
VARIANCE					153757.4	208586.8		142709.8	493282.4				

* No detected values to perform statistical analysis
\# Number of detected values does not meet 5/30 % rule.

000516

PENTA & PAH DATA

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
ATSIN011	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/13/89	0		9200	E	ug/L
ATSIN011DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		12000	D	ug/L
ATSIN012	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/11/89	0		9500	E	ug/L
ATSIN012DL	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/11/89	0		11000	D	ug/L
ATSIN012RE	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	18000	E	ug/L
ATSIN012REDL	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	14000	D	ug/L
ATSIN013	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/13/89	0		11000	E	ug/L
ATSIN013DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/21/89	0		14000	D	ug/L
ATSIN014	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		10/25/89	0		12000	E	ug/L
ATSIN014DL	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		11/03/89	0		16000	D	ug/L
ATSIN021	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		11000	E	ug/L
ATSIN021DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		11/03/89	0		39000	D	ug/L
ATSIN022	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/20/89	0		16000	E	ug/L
ATSIN022DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/29/89	0		11000	D	ug/L
ATSIN022RE	8909111	AQUEOUS	09/28/89	09/29/89	11/16/89	42	b	02/08/90	44	f	13000	E	ug/L
ATSIN022REDL	8909111	AQUEOUS	09/28/89	09/29/89	11/16/89	42	b	02/12/90	48	f	30000	D	ug/L
ATSIN023	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/25/89	0		1800	E	ug/L
ATSIN023DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		1500	D	ug/L
ATSIN023RE	8909111	AQUEOUS	09/28/89	09/29/89	12/01/89	57	c	12/30/89	0		11000	E	ug/L
ATSIN023REDL	8909111	AQUEOUS	09/28/89	09/29/89	12/01/89	57	c	01/05/90	0		11000	D	ug/L
ATSIN024	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		10/23/89	0		11000	E	ug/L
ATSIN024DL	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		11/03/89	0		16000	D	ug/L
ATSIN024RE	8910001	AQUEOUS	09/28/89	09/30/89	11/16/89	42	b	12/18/89	0		16000	E	ug/L
ATSIN024REDL	8910001	AQUEOUS	09/28/89	09/30/89	11/16/89	42	b	12/23/89	0		15000	D	ug/L
ATSIN031	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/23/89	0		9000	E	ug/L
ATSIN031DL	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/29/89	0		11000	D	ug/L
ATSIN032	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/22/89	0		12000	E	ug/L

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000518

FILE NAME: ATSLPCP

DATE: 08-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT Q	DATE ANALYZED	DAYS LATE TO ANALYZE Q	Penta-chloro-phenol	Q	Units
ATSIN032DL	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0	11/03/89	0	13000	D	ug/L
ATSIN033	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0	10/25/89	0	11000	E	ug/L
ATSIN033DL	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0	11/03/89	0	15000	D	ug/L
ATSIN034	8910006	AQUEOUS	09/29/89	10/03/89	12/01/89	56	b 12/18/89	0	14000	E	ug/L
ATSIN034DL	8910006	AQUEOUS	09/29/89	10/03/89	12/01/89	56	b 12/19/89	0	8800	D	ug/L
ATSIN041	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0	11/07/89	0	17000	E	ug/L
ATSIN041DL	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0	11/09/89	0	11000	D	ug/L
ATSIN042	8910015	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b 12/30/89	0	16000	E	ug/L
ATSIN042DL	8910015	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b 01/05/90	0	19000	D	ug/L
ATSIN042RE	8910015	AQUEOUS	09/30/89	10/03/89	01/30/90	115	d 02/02/90	0	22000	E	ug/L
ATSIN042REDL	8910015	AQUEOUS	09/30/89	10/03/89	01/30/90	115	d 02/22/90	0	19000	D	ug/L
ATSEFF011	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0	10/21/89	0	7500	E	ug/L
ATSEFF011DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0	10/12/89	0	8600	D	ug/L
ATSEFF012	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0	10/12/89	0	3500	E	ug/L
ATSEFF012DL	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0	10/12/89	0	3900	D	ug/L
ATSEFF012RE	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b 02/02/90	38	f 6900	E	ug/L
ATSEFF012REDL	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b 02/02/90	38	f 5600	D	ug/L
ATSEFF013	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0	10/14/89	0	3200	E	ug/L
ATSEFF013DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0	10/21/89	0	2400	D	ug/L
ATSEFF014	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0	10/21/89	0	1700	E	ug/L
ATSEFF014DL	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0	11/03/89	0	2400	D	ug/L
ATSEFF021	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0	10/21/89	0	1900	E	ug/L
ATSEFF021DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0	10/30/89	0	2600	D	ug/L
ATSEFF022	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0	10/21/89	0	2100	E	ug/L
ATSEFF022DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0	11/02/89	0	1900	D	ug/L
ATSEFF023	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0	10/21/89	0	1100		ug/L

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000519

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
ATSEFF024	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		10/24/89	0		1300		ug/L
ATSEFF031	8910001	AQUEOUS	09/29/89	09/30/89	12/01/89	56	b	12/19/89	0		1100		ug/L
ATSEFF032	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/23/89	0		820		ug/L
ATSEFF033	8910012	AQUEOUS	09/29/89	10/03/89	10/05/89	0		11/05/89	0		1100		ug/L
ATSEFF034	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0		10/24/89	0		850		ug/L
ATSEFF041	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/07/89	0		910		ug/L
ATSEFF041RE	8910014	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	01/30/90	35	f	2500	E	ug/L
ATSEFF041REDL	8910014	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	01/30/90	35	f	2200	D	ug/L
ATSEFF042	8910013	AQUEOUS	09/30/89	10/03/89	10/05/89	0		02/13/90	91	h	910		ug/L
ATSEFF042RE	8910013	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	12/17/89	0		910		ug/L
ATS-OOZE	8910001	SOIL	09/29/89	09/30/89	01/29/90	108	d	02/05/90	0		1300000	E	ug/kg
ATS-OOZE_DL	8910001	SOIL	09/29/89	09/30/89	01/29/90	108	d	02/06/90	0		1300000	D	ug/kg
ATSEQB011	8909102	AQUEOUS	09/26/89	09/28/89	09/29/89	0		10/12/89	0		50	U	ug/L
ATSEQB021	8910012	AQUEOUS	09/28/89	10/03/89	10/05/89	0		11/06/89	0		50	U	ug/L
ATSEQB031	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/20/89	0		50	U	ug/L

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

FILE NAME: ATSHPCP

DATE: 09-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
ATSIN043	8910012	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/05/89	0		27000	E	ug/L
ATSIN043DL	8910012	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/09/89	0		48000	D	ug/L
ATSIN044	8910013	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/06/89	0		47000	E	ug/L
ATSIN044DL	8910013	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/09/89	0		83000	D	ug/L
ATSIN051	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/08/89	0		45000	E	ug/L
ATSIN051DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/26/90	104	h	49000	D	ug/L
ATSIN051RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	01/24/90	29	f	26000	E	ug/L
ATSIN051REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	01/25/90	30	f	40000	D	ug/L
ATSIN052	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/06/89	0		47000	E	ug/L
ATSIN052DL	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/08/89	0		80000	D	ug/L
ATSIN053	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		03/02/90	108	h	72000	E	ug/L
ATSIN053DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/15/90	93	h	35000	D	ug/L
ATSIN056-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/28/89	0		40000	E	ug/L
ATSIN056DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		11/03/89	0		48000	D	ug/L
ATSIN057-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/28/89	0		40000	E	ug/L
ATSIN057DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		01/25/90	74	g	36000	D	ug/L
ATSIN058-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/25/89	0		27000	E	ug/L
ATSIN058DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		01/30/90	79	g	38000	D	ug/L
ATSIN054	8910011	AQUEOUS	10/02/89	10/03/89	10/03/89	0		10/28/89	0		34000	EX	ug/L
ATSIN054DL	8910011	AQUEOUS	10/02/89	10/03/89	10/03/89	0		11/03/89	0		38000	D	ug/L
ATSIN061	8910013	AQUEOUS	10/02/89	10/03/89	02/07/90	121	d	02/13/90	0		58000	E	ug/L
ATSIN061DL	8910013	AQUEOUS	10/02/89	10/03/89	02/07/90	121	d	02/14/90	0		51000	D	ug/L
ATSIN062	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0		11/11/89	0		23000	E	ug/L
ATSIN062DL	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0		01/25/90	68	g	38000	D	ug/L
ATSIN063	8910022	AQUEOUS	10/02/89	10/04/89	10/09/89	0		11/11/89	0		2100	E	ug/L
ATSIN063DL	8910022	AQUEOUS	10/02/89	10/04/89	10/09/89	0		01/23/90	66	g	2600	D	ug/L
ATSIN064	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/24/90	67	g	1700	E	ug/L

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000521

FILE NAME: ATSHPCP

DATE: 09-Oct-90

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT Q	DATE ANALYZED	DAYS LATE TO ANALYZE Q	Penta-chloro-phenol Q	Units
ATSIN064DL	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0	01/25/90	68 g	1200 D	ug/L
ATSIN071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0	12/22/89	34 f	900	ug/L
ATSIN072	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0	11/11/89	0	20000 E	ug/L
ATSIN072DL	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0	02/01/90	75 g	38000 D	ug/L
ATSIN073	8910032	AQUEOUS	10/03/89	10/05/89	10/09/89	0	11/10/89	0	54000 E	ug/L
ATSIN073DL	8910032	AQUEOUS	10/03/89	10/05/89	10/09/89	0	11/10/89	0	47000 DX	ug/L
ATSIN073RE	8910032	AQUEOUS	10/03/89	10/05/89	02/07/90	120 d	02/13/90	0	39000 E	ug/L
ATSIN073REDL	8910032	AQUEOUS	10/03/89	10/05/89	02/07/90	120 d	02/21/90	0	68000 D	ug/L
ATSIN074	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0	03/04/90	106 h	57000 E	ug/L
ATSIN074DL	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0	03/04/90	106 h	32000 D	ug/L
ATSIN074RE	8910030	AQUEOUS	10/04/89	10/05/89	02/07/90	119 d	02/14/90	0	48000 E	ug/L
ATSIN074REDL	8910030	AQUEOUS	10/04/89	10/05/89	02/07/90	119 d	02/27/90	0	25000 D	ug/L
ATSIN081	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0	12/22/89	34 f	27000 E	ug/L
ATSIN081DL	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0	02/22/90	96 h	37000 D	ug/L
ATSIN085-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0	12/22/89	34 f	25000 E	ug/L
ATSIN085DL-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0	02/26/90	100 h	39000 D	ug/L
ATSIN086-SP01	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54 b	01/23/90	10 e	45000 E	ug/L
ATSIN086DL-SP01	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54 b	01/23/90	10 e	28000 D	ug/L
ATSIN087-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0	12/23/89	35 f	33000 E	ug/L
ATSIN087DL-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0	02/22/90	96 h	44000 D	ug/L
ATSIN082	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51 b	01/08/90	0	27000 E	ug/L
ATSIN082DL	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51 b	01/10/90	0	57000 D	ug/L
ATSIN085-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51 b	01/08/90	0	30000 E	ug/L
ATSIN085DL-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51 b	01/09/90	0	37000 D	ug/L
ATSIN086-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51 b	01/08/90	0	31000 E	ug/L
ATSIN086DL-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51 b	01/10/90	0	52000 D	ug/L
ATSIN087-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51 b	01/31/90	21 e	26000 E	ug/L

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000522

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
ATSIN087DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/31/90	21	e	27000	D	ug/L
ATSIN083	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/22/90	12	e	21000	E	ug/L
ATSIN083DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/31/90	21	e	54000	D	ug/kg
ATSIN084	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	12/17/89	0		24000	E	ug/L
ATSIN084DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/31/90	21	e	42000	D	ug/L
ATSIN091	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/09/90	0		20000	E	ug/L
ATSIN091DL	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/10/90	0		50000	D	ug/L
ATSIN092	8910058	AQUEOUS	10/05/89	10/07/89	02/07/90	118	d	02/15/90	0		73000	E	ug/L
ATSIN092DL	8910058	AQUEOUS	10/05/89	10/07/89	02/07/90	118	d	02/21/90	0		38000	D	ug/L
ATSIN093	8910057	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/24/90	11	e	16000	E	ug/L
ATSIN093DL	8910057	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	02/20/90	38	f	38000	D	ug/L
ATSIN093RE	8910057	AQUEOUS	10/06/89	10/07/89	01/30/90	109	d	02/03/90	0		69000	E	ug/L
ATSIN093REDL	8910057	AQUEOUS	10/06/89	10/07/89	01/30/90	109	d	02/06/90	0		81000	D	ug/L
ATSIN094	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	37000	E	ug/L
ATSIN094DL	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/23/90	10	e	39000	D	ug/L
ATSIN094RE	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		80000	E	ug/L
ATSIN094REDL	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/21/90	0		42000	D	ug/L
ATSIN101	8910056	AQUEOUS	10/06/89	10/07/89	11/16/89	34	b	02/02/90	38	f	59000	E	ug/L
ATSIN101DL	8910056	AQUEOUS	10/06/89	10/07/89	11/16/89	34	b	02/24/90	60	g	28000	D	ug/L
ATSIN101RE	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		51000	E	ug/L
ATSIN101REDL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/16/90	0		41000	D	ug/L
ATSEFF043	8910013	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	01/21/90	11	e	11000	E	ug/L
ATSEFF043DL	8910013	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	01/07/90	0		9700	D	ug/L
ATSEFF044	8910005	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/25/89	0		7200	E	ug/L
ATSEFF044DL	8910005	AQUEOUS	10/01/89	10/03/89	10/03/89	0		11/03/89	0		8300	D	ug/L
ATSEFF051	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		01/30/90	77	g	2800	E	ug/L

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000523

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
ATSEFF051DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/15/90	93	h	3100	D	ug/L
ATSEFF051RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	4100	E	ug/L
ATSEFF051REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	3300	D	ug/L
ATSEFF052	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		01/31/90	78	g	2800	E	ug/L
ATSEFF052DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/15/90	93	h	3200	D	ug/L
ATSEFF052RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	3600	E	ug/L
ATSEFF052REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	3200	D	ug/L
ATSEFF053	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	5200	E	ug/L
ATSEFF053DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	3000	D	ug/L
ATSEFF056-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	5600	E	ug/L
ATSEFF056DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	3300	D	ug/L
ATSEFF057-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	2100	E	ug/L
ATSEFF057DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	3100	D	ug/L
ATSEFF058-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	2000	E	ug/L
ATSEFF058DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	2700	D	ug/L
ATSEFF054	8910005	AQUEOUS	10/02/89	10/03/89	10/03/89	0		10/25/89	0		2600	E	ug/L
ATSEFF054DL	8910005	AQUEOUS	10/02/89	10/03/89	10/03/89	0		10/29/89	0		3200	D	ug/L
ATSEFF061	8910013	AQUEOUS	10/02/89	10/03/89	10/05/89	0		11/07/89	0		3400	E	ug/L
ATSEFF061DL	8910013	AQUEOUS	10/02/89	10/03/89	10/05/89	0		01/25/90	72	g	2900	D	ug/kg
ATSEFF061RE	8910013	AQUEOUS	10/02/89	10/03/89	11/16/89	38	b	12/17/89	0		2600	E	ug/L
ATSEFF061REDL	8910013	AQUEOUS	10/02/89	10/03/89	11/16/89	38	b	02/26/90	62	g	2100	D	ug/L
ATSEFF062	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0		02/27/90	101	h	940		ug/L
ATSEFF063	8910025	AQUEOUS	10/02/89	10/04/89	12/01/89	53	b	01/21/90	11	e	21000	E	ug/L
ATSEFF063DL	8910025	AQUEOUS	10/02/89	10/04/89	12/01/89	53	b	02/26/90	47	f	50000	D	ug/L
ATSEFF063RE	8910025	AQUEOUS	10/02/89	10/04/89	01/29/90	112	d	02/02/90	0		71000	EX	ug/L
ATSEFF063REDL	8910025	AQUEOUS	10/02/89	10/04/89	01/29/90	112	d	02/05/90	0		44000	D	ug/L
ATSEFF064	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		11/10/89	0		1600		ug/L

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000524

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
ATSEFF071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/07/90	50	f	37000	E	ug/L
ATSEFF071DL	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/08/90	51	f	31000	D	ug/L
ATSEFF072	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		11/11/89	0		790		ug/L
ATSEFF073	8910030	AQUEOUS	10/03/89	10/05/89	10/09/89	0		12/23/89	35	f	560		ug/L
ATSEFF073RE	8910030	AQUEOUS	10/03/89	10/05/89	01/29/90	111	d	02/02/90	0		1300		ug/L
ATSEFF074	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/14/90	88	h	1400		ug/L
ATSEFF074RE	8910030	AQUEOUS	10/04/89	10/05/89	02/20/90	132	d	02/26/90	0		1100		ug/L
ATSEFF081	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		2600	E	ug/L
ATSEFF081DL	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	2100	D	ug/L
ATSEFF085-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		2900	E	ug/L
ATSEFF085DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	2400	D	ug/L
ATSEFF086-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		3000	E	ug/L
ATSEFF086DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/14/89	0		2500	D	ug/L
ATSEFF087-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		01/24/90	67	g	2500	E	ug/L
ATSEFF087DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/15/89	0		2500	D	ug/L
ATSEFF082	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/31/90	21	e	3500		ug/L
ATSEFF085-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/24/90	11	e	5100	E	ug/L
ATSEFF085DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	3100	D	ug/L
ATSEFF086-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	3800	E	ug/L
ATSEFF086DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	4000	D	ug/L
ATSEFF087-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/22/90	9	e	4400		ug/L
ATSEFF083	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/22/90	12	e	5100	E	ug/L
ATSEFF083DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/25/90	15	e	7500	D	ug/L
ATSEFF084	8910046	AQUEOUS	10/05/89	10/06/89	01/29/90	109	d	02/05/90	0		4200	E	ug/L
ATSEFF084DL	8910046	AQUEOUS	10/05/89	10/06/89	01/29/90	109	d	02/05/90	0		3900	D	ug/L
ATSEFF091	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/08/90	0		3000	E	ug/L
ATSEFF091DL	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/09/90	0		2100	D	ug/L

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
ATSEFF092	8910056	AQUEOUS	10/05/89	10/07/89	11/16/89	35	b	01/31/90	36	f	2200	E	ug/L
ATSEFF092DL	8910056	AQUEOUS	10/05/89	10/07/89	11/16/89	35	b	03/02/90	66	g	2900	D	ug/L
ATSEFF093	8910056	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	3100	E	ug/L
ATSEFF093DL	8910056	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	02/26/90	44	f	2000	D	ug/L
ATSEFF093RE	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		3000	E	ug/L
ATSEFF093REDL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		3100	D	ug/L
ATSEFF094	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	1700	E	ug/L
ATSEFF094DL	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/24/90	11	e	2300	D	ug/L
ATSEFF094RE	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/20/90	0		2000	E	ug/L
ATSEFF094REDL	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/22/90	0		2200	D	ug/L
ATSEFF101	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		3100	E	ug/L
ATSEFF101DL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		2900	D	ug/L
ATSEQB091	8910051	AQUEOUS	10/05/89	10/06/89	10/11/89	0		02/09/90	81	g	50	U	ug/L
ATSEQB071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/21/90	64	g	50	U	ug/L
ATSEQB051	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/05/89	0		50	U	ug/L
ATSCAR111	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	9600	U	ug/kg
ATSCAR111RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		9600	U	ug/kg
ATSCAR112	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	9600	U	ug/kg
ATSCAR112RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		9600	U	ug/kg
ATSCAR113	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	9600	U	ug/kg
ATSCAR113RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		9600	U	ug/kg
ATSCAR114	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		9600	U	ug/kg
ATSCAR114RE	8910060	SOIL	10/07/89	10/08/89	01/29/90	100	d	02/02/90	0		9600	U	ug/kg

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000526

FILE NAME: ATSLPAH

DATE: 09-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSIN011	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/13/89	0		ug/L	50	U	50	U	19	J	15	J
ATSIN011DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	500	U	500	U	500	U	500	U
ATSIN012	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/11/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN012DL	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/11/89	0		ug/L	500	U	500	U	500	U	500	U
ATSIN012RE	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	ug/L	50	U	50	U	50	U	50	U
ATSIN012REDL	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	ug/L	500	U	500	U	500	U	500	U
ATSIN013	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/13/89	0		ug/L	50	U	50	U	13	J	40	J
ATSIN013DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/21/89	0		ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN014	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		10/25/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN014DL	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		11/03/89	0		ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN021	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN021DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		11/03/89	0		ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN022	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/20/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN022DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/29/89	0		ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN022RE	8909111	AQUEOUS	09/28/89	09/29/89	11/16/89	42	b	02/08/90	44	f	ug/L	20	U	20	U	20	U	20	U
ATSIN022REDL	8909111	AQUEOUS	09/28/89	09/29/89	11/16/89	42	b	02/12/90	48	f	ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN023	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/25/89	0		ug/L	12	U	7	J	15		12	U
ATSIN023DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	60	U	60	U	60	U	36	DJ
ATSIN023RE	8909111	AQUEOUS	09/28/89	09/29/89	12/01/89	57	c	12/30/89	0		ug/L	50	U	50	U	50	U	14	J
ATSIN023REDL	8909111	AQUEOUS	09/28/89	09/29/89	12/01/89	57	c	01/05/90	0		ug/L	500	U	500	U	500	U	500	U
ATSIN024	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		10/23/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN024DL	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		11/03/89	0		ug/L	500	U	500	U	500	U	500	U
ATSIN024RE	8910001	AQUEOUS	09/28/89	09/30/89	11/16/89	42	b	12/18/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN024REDL	8910001	AQUEOUS	09/28/89	09/30/89	11/16/89	42	b	12/23/89	0		ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN031	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/23/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN031DL	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/29/89	0		ug/L	500	U	500	U	500	U	500	U
ATSIN032	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/22/89	0		ug/L	50	U	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSIN032DL	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		11/03/89	0		ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN033	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0		10/25/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN033DL	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0		11/03/89	0		ug/L	500	U	500	U	500	U	500	U
ATSIN034	8910006	AQUEOUS	09/29/89	10/03/89	12/01/89	56	b	12/18/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN034DL	8910006	AQUEOUS	09/29/89	10/03/89	12/01/89	56	b	12/19/89	0		ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN041	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/07/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN041DL	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/09/89	0		ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN042	8910015	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	12/30/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN042DL	8910015	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	01/05/90	0		ug/L	1000	U	1000	U	1000	U	1000	U
ATSIN042RE	8910015	AQUEOUS	09/30/89	10/03/89	01/30/90	115	d	02/02/90	0		ug/L	50	U	50	U	50	U	50	U
ATSIN042REDL	8910015	AQUEOUS	09/30/89	10/03/89	01/30/90	115	d	02/22/90	0		ug/L	2000	U	2000	U	2000	U	2000	U
ATSEFF011	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/21/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF011DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	500	U	500	U	500	U	500	U
ATSEFF012	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF012DL	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	200	U	200	U	200	U	200	U
ATSEFF012RE	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	ug/L	50	U	50	U	50	U	50	U
ATSEFF012REDL	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	ug/L	200	U	200	U	200	U	200	U
ATSEFF013	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/14/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF013DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/21/89	0		ug/L	250	U	250	U	250	U	250	U
ATSEFF014	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF014DL	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		11/03/89	0		ug/L	100	U	100	U	100	U	100	U
ATSEFF021	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF021DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/30/89	0		ug/L	100	U	100	U	100	U	100	U
ATSEFF022	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	20	U	20	U	20	U	20	U
ATSEFF022DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		11/02/89	0		ug/L	100	U	100	U	100	U	100	U
ATSEFF023	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	50	U	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000528

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSEFF024	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		10/24/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF031	8910001	AQUEOUS	09/29/89	09/30/89	12/01/89	56	b	12/19/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF032	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/23/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF033	8910012	AQUEOUS	09/29/89	10/03/89	10/05/89	0		11/05/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF034	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0		10/24/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF041	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/07/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF041RE	8910014	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	01/30/90	35	f	ug/L	50	U	50	U	50	U	50	U
ATSEFF041REDL	8910014	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	01/30/90	35	f	ug/L	100	U	100	U	100	U	100	U
ATSEFF042	8910013	AQUEOUS	09/30/89	10/03/89	10/05/89	0		02/13/90	91	h	ug/L	50	U	50	U	50	U	50	U
ATSEFF042RE	8910013	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	12/17/89	0		ug/L	50	U	50	U	50	U	50	U
ATS-OOZE	8910001	SOIL	09/29/89	09/30/89	01/29/90	108	d	02/05/90	0		ug/kg	9900	U	9900	U	9900	U	9900	U
ATS-OOZE_DL	8910001	SOIL	09/29/89	09/30/89	01/29/90	108	d	02/06/90	0		ug/kg	99000	U	99000	U	99000	U	99000	U
ATSEQB011	8909102	AQUEOUS	09/26/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	10	U	10	U	10	U	10	U
ATSEQB021	8910012	AQUEOUS	09/28/89	10/03/89	10/05/89	0		11/06/89	0		ug/L	10	U	10	U	10	U	10	U
ATSEQB031	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/20/89	0		ug/L	10	U	10	U	10	U	10	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000529

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSIN011	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/13/89	0		ug/L	69		50	U	10	J
ATSIN011DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	72	DJ	500	U	500	U
ATSIN012	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/11/89	0		ug/L	41	J	50	U	50	U
ATSIN012DL	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/11/89	0		ug/L	500	U	500	U	500	U
ATSIN012RE	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	ug/L	50	U	50	U	50	U
ATSIN012REDL	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	ug/L	500	U	500	U	500	U
ATSIN013	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/13/89	0		ug/L	45	J	50	U	9	J
ATSIN013DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/21/89	0		ug/L	1000	U	1000	U	1000	U
ATSIN014	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		10/25/89	0		ug/L	35	J	50	U	50	U
ATSIN014DL	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		11/03/89	0		ug/L	700	DJ	1000	U	1000	U
ATSIN021	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	32	J	50	U	6	J
ATSIN021DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		11/03/89	0		ug/L	2000	U	2000	U	2000	U
ATSIN022	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/20/89	0		ug/L	23	JX	50	U	50	U
ATSIN022DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/29/89	0		ug/L	1000	U	1000	U	1000	U
ATSIN022RE	8909111	AQUEOUS	09/28/89	09/29/89	11/16/89	42	b	02/08/90	44	f	ug/L	20	U	20	U	20	U
ATSIN022REDL	8909111	AQUEOUS	09/28/89	09/29/89	11/16/89	42	b	02/12/90	48	f	ug/L	1000	U	1000	U	1000	U
ATSIN023	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/25/89	0		ug/L	43		5	J	8	J
ATSIN023DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	37	DJ	60	U	60	U
ATSIN023RE	8909111	AQUEOUS	09/28/89	09/29/89	12/01/89	57	c	12/30/89	0		ug/L	27	J	50	U	50	U
ATSIN023REDL	8909111	AQUEOUS	09/28/89	09/29/89	12/01/89	57	c	01/05/90	0		ug/L	500	U	500	U	500	U
ATSIN024	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		10/23/89	0		ug/L	38	J	50	U	50	U
ATSIN024DL	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		11/03/89	0		ug/L	500	U	500	U	500	U
ATSIN024RE	8910001	AQUEOUS	09/28/89	09/30/89	11/16/89	42	b	12/18/89	0		ug/L	50	U	50	U	50	U
ATSIN024REDL	8910001	AQUEOUS	09/28/89	09/30/89	11/16/89	42	b	12/23/89	0		ug/L	1000	U	1000	U	1000	U
ATSIN031	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/23/89	0		ug/L	34	J	50	U	50	U
ATSIN031DL	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/29/89	0		ug/L	500	U	500	U	500	U
ATSIN032	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/22/89	0		ug/L	32	J	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

FILE NAME: ATSLPAH

DATE: 09-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSIN032DL	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		11/03/89	0		ug/L	1000	U	1000	U	1000	U
ATSIN033	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0		10/25/89	0		ug/L	22	J	50	U	12	J
ATSIN033DL	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0		11/03/89	0		ug/L	500	U	500	U	500	U
ATSIN034	8910006	AQUEOUS	09/29/89	10/03/89	12/01/89	56	b	12/18/89	0		ug/L	50	U	50	U	50	U
ATSIN034DL	8910006	AQUEOUS	09/29/89	10/03/89	12/01/89	56	b	12/19/89	0		ug/L	1000	U	1000	U	1000	U
ATSIN041	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/07/89	0		ug/L	50	U	50	U	50	U
ATSIN041DL	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/09/89	0		ug/L	1000	U	1000	U	1000	U
ATSIN042	8910015	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	12/30/89	0		ug/L	50	U	50	U	50	U
ATSIN042DL	8910015	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	01/05/90	0		ug/L	1000	U	1000	U	1000	U
ATSIN042RE	8910015	AQUEOUS	09/30/89	10/03/89	01/30/90	115	d	02/02/90	0		ug/L	50	U	50	U	50	U
ATSIN042REDL	8910015	AQUEOUS	09/30/89	10/03/89	01/30/90	115	d	02/22/90	0		ug/L	2000	U	2000	U	2000	U
ATSEFF011	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/21/89	0		ug/L	50	U	50	U	50	U
ATSEFF011DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	500	U	500	U	500	U
ATSEFF012	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	50	U	50	U	50	U
ATSEFF012DL	8909101	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	200	U	200	U	200	U
ATSEFF012RE	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	ug/L	50	U	50	U	50	U
ATSEFF012REDL	8909101	AQUEOUS	09/27/89	09/28/89	11/16/89	43	b	02/02/90	38	f	ug/L	200	U	200	U	200	U
ATSEFF013	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/14/89	0		ug/L	50	U	50	U	50	U
ATSEFF013DL	8909102	AQUEOUS	09/27/89	09/28/89	09/29/89	0		10/21/89	0		ug/L	250	U	250	U	250	U
ATSEFF014	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	50	U	50	U	50	U
ATSEFF014DL	8909111	AQUEOUS	09/27/89	09/29/89	10/03/89	0		11/03/89	0		ug/L	100	U	100	U	100	U
ATSEFF021	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	50	U	50	U	50	U
ATSEFF021DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/30/89	0		ug/L	100	U	100	U	100	U
ATSEFF022	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	20	U	20	U	20	U
ATSEFF022DL	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		11/02/89	0		ug/L	100	U	100	U	100	U
ATSEFF023	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/21/89	0		ug/L	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000531

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSEFF024	8910001	AQUEOUS	09/28/89	09/30/89	10/03/89	0		10/24/89	0		ug/L	50	U	50	U	50	U
ATSEFF031	8910001	AQUEOUS	09/29/89	09/30/89	12/01/89	56	b	12/19/89	0		ug/L	50	U	50	U	50	U
ATSEFF032	8910001	AQUEOUS	09/29/89	09/30/89	10/03/89	0		10/23/89	0		ug/L	50	U	50	U	50	U
ATSEFF033	8910012	AQUEOUS	09/29/89	10/03/89	10/05/89	0		11/05/89	0		ug/L	50	U	50	U	50	U
ATSEFF034	8910005	AQUEOUS	09/29/89	10/03/89	10/03/89	0		10/24/89	0		ug/L	50	U	50	U	50	U
ATSEFF041	8910014	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/07/89	0		ug/L	50	U	50	U	50	U
ATSEFF041RE	8910014	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	01/30/90	35	f	ug/L	50	U	50	U	50	U
ATSEFF041REDL	8910014	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	01/30/90	35	f	ug/L	100	U	100	U	100	U
ATSEFF042	8910013	AQUEOUS	09/30/89	10/03/89	10/05/89	0		02/13/90	91	h	ug/L	50	U	50	U	50	U
ATSEFF042RE	8910013	AQUEOUS	09/30/89	10/03/89	11/16/89	40	b	12/17/89	0		ug/L	4	J	50	U	3	J
ATS-OOZE	8910001	SOIL	09/29/89	09/30/89	01/29/90	108	d	02/05/90	0		ug/kg	8900	J	9900	U	12000	
ATS-OOZE_DL	8910001	SOIL	09/29/89	09/30/89	01/29/90	108	d	02/06/90	0		ug/kg	99000	U	99000	U	99000	U
ATSEQB011	8909102	AQUEOUS	09/26/89	09/28/89	09/29/89	0		10/12/89	0		ug/L	10	U	10	U	10	U
ATSEQB021	8910012	AQUEOUS	09/28/89	10/03/89	10/05/89	0		11/06/89	0		ug/L	10	U	10	U	10	U
ATSEQB031	8909111	AQUEOUS	09/28/89	09/29/89	10/03/89	0		10/20/89	0		ug/L	10	U	10	U	10	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000532

FILE NAME: ATSHPAH

DATE: 09-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT Q	DATE ANALYZED	DAYS LATE TO ANALYZE Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSIN043	8910012	AQUEOUS	09/30/89	10/03/89	10/05/89	0	11/05/89	0	ug/L	50	U	50	U	50	U	50	U
ATSIN043DL	8910012	AQUEOUS	09/30/89	10/03/89	10/05/89	0	11/09/89	0	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN044	8910013	AQUEOUS	10/01/89	10/03/89	10/05/89	0	11/06/89	0	ug/L	50	U	50	U	50	U	50	U
ATSIN044DL	8910013	AQUEOUS	10/01/89	10/03/89	10/05/89	0	11/09/89	0	ug/L	5000	U	5000	U	5000	U	5000	U
ATSIN051	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0	11/08/89	0	ug/L	50	U	50	U	50	U	50	U
ATSIN051DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0	02/26/90	104 h	ug/L	3000	U	3000	U	3000	U	3000	U
ATSIN051RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39 b	01/24/90	29 f	ug/L	50	U	50	U	50	U	50	U
ATSIN051REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39 b	01/25/90	30 f	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN052	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0	11/06/89	0	ug/L	50	U	50	U	50	U	50	U
ATSIN052DL	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0	11/08/89	0	ug/L	5000	U	5000	U	5000	U	5000	U
ATSIN053	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0	03/02/90	108 h	ug/L	20	U	17	J	20	U	20	U
ATSIN053DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0	02/15/90	93 h	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN056-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0	10/28/89	0	ug/L	50	U	50	U	50	U	50	U
ATSIN056DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0	11/03/89	0	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN057-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0	10/28/89	0	ug/L	50	U	17	J	50	U	50	U
ATSIN057DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0	01/25/90	74 g	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN058-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0	10/25/89	0	ug/L	50	U	20	J	50	U	50	U
ATSIN058DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0	01/30/90	79 g	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN054	8910011	AQUEOUS	10/02/89	10/03/89	10/03/89	0	10/28/89	0	ug/L	50	U	50	U	50	U	50	U
ATSIN054DL	8910011	AQUEOUS	10/02/89	10/03/89	10/03/89	0	11/03/89	0	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN061	8910013	AQUEOUS	10/02/89	10/03/89	02/07/90	121 d	02/13/90	0	ug/L	50	U	50	U	50	U	50	U
ATSIN061DL	8910013	AQUEOUS	10/02/89	10/03/89	02/07/90	121 d	02/14/90	0	ug/L	3000	U	3000	U	3000	U	3000	U
ATSIN062	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0	11/11/89	0	ug/L	50	U	50	U	50	U	50	U
ATSIN062DL	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0	01/25/90	68 g	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN063	8910022	AQUEOUS	10/02/89	10/04/89	10/09/89	0	11/11/89	0	ug/L	50	U	50	U	50	U	50	U
ATSIN063DL	8910022	AQUEOUS	10/02/89	10/04/89	10/09/89	0	01/23/90	66 g	ug/L	100	U	100	U	100	U	100	U
ATSIN064	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0	01/24/90	67 g	ug/L	50	U	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000533

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSIN064DL	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/25/90	68	g	ug/L	100	U	100	U	100	U	100	U
ATSIN071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		12/22/89	34	f	ug/L	50	U	50	U	50	U	50	U
ATSIN072	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		11/11/89	0		ug/L	50	U	16	J	50	U	50	U
ATSIN072DL	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		02/01/90	75	g	ug/L	3000	U	3000	U	3000	U	3000	U
ATSIN073	8910032	AQUEOUS	10/03/89	10/05/89	10/09/89	0		11/10/89	0		ug/L	50	U	50	U	50	U	50	U
ATSIN073DL	8910032	AQUEOUS	10/03/89	10/05/89	10/09/89	0		11/10/89	0		ug/L	3000	U	3000	U	3000	U	3000	U
ATSIN073RE	8910032	AQUEOUS	10/03/89	10/05/89	02/07/90	120	d	02/13/90	0		ug/L	50	U	50	U	50	U	50	U
ATSIN073REDL	8910032	AQUEOUS	10/03/89	10/05/89	02/07/90	120	d	02/21/90	0		ug/L	4000	U	4000	U	4000	U	4000	U
ATSIN074	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		03/04/90	106	h	ug/L	20	U	20	U	20	U	20	U
ATSIN074DL	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		03/04/90	106	h	ug/L	1500	U	1500	U	1500	U	1500	U
ATSIN074RE	8910030	AQUEOUS	10/04/89	10/05/89	02/07/90	119	d	02/14/90	0		ug/L	50	U	50	U	50	U	50	U
ATSIN074REDL	8910030	AQUEOUS	10/04/89	10/05/89	02/07/90	119	d	02/27/90	0		ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN081	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		12/22/89	34	f	ug/L	52	U	52	U	52	U	52	U
ATSIN081DL	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	ug/L	3100	U	3100	U	3100	U	3100	U
ATSIN085-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		12/22/89	34	f	ug/L	53	U	53	U	53	U	53	U
ATSIN085DL-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/26/90	100	h	ug/L	1600	U	1600	U	1600	U	1600	U
ATSIN086-SP01	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	120	U	120	U	120	U	120	U
ATSIN086DL-SP01	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	2300	U	2300	U	2300	U	2300	U
ATSIN087-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		12/23/89	35	f	ug/L	54	U	54	U	54	U	54	U
ATSIN087DL-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	ug/L	2200	U	2200	U	2200	U	2200	U
ATSIN082	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/08/90	0		ug/L	46	U	46	U	46	U	46	U
ATSIN082DL	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/10/90	0		ug/L	2300	U	2300	U	2300	U	2300	U
ATSIN085-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/08/90	0		ug/L	44	U	44	U	44	U	44	U
ATSIN085DL-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/09/90	0		ug/L	2200	U	2200	U	2200	U	2200	U
ATSIN086-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/08/90	0		ug/L	57	U	57	U	57	U	57	U
ATSIN086DL-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/10/90	0		ug/L	2900	U	2900	U	2900	U	2900	U
ATSIN087-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/31/90	21	e	ug/L	140	U	140	U	140	U	140	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000534

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSIN087DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/31/90	21	e	ug/L	1400	U	1400	U	1400	U	1400	U
ATSIN083	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/22/90	12	e	ug/L	10	U	10	U	6	J	10	U
ATSIN083DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/31/90	21	e	ug/kg	2000	U	2000	U	2000	U	2000	U
ATSIN084	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	12/17/89	0		ug/L	50	U	4	J	50	U	50	U
ATSIN084DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/31/90	21	e	ug/L	3000	U	3000	U	3000	U	3000	U
ATSIN091	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/09/90	0		ug/L	18	J	20	U	13	J	20	U
ATSIN091DL	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/10/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
ATSIN092	8910058	AQUEOUS	10/05/89	10/07/89	02/07/90	118	d	02/15/90	0		ug/L	50	U	50	U	50	U	50	U
ATSIN092DL	8910058	AQUEOUS	10/05/89	10/07/89	02/07/90	118	d	02/21/90	0		ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN093	8910057	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/24/90	11	e	ug/L	50	U	50	U	50	U	50	U
ATSIN093DL	8910057	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	02/20/90	38	f	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN093RE	8910057	AQUEOUS	10/06/89	10/07/89	01/30/90	109	d	02/03/90	0		ug/L	50	U	50	U	50	U	50	U
ATSIN093REDL	8910057	AQUEOUS	10/06/89	10/07/89	01/30/90	109	d	02/06/90	0		ug/L	5000	U	5000	U	5000	U	5000	U
ATSIN094	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	ug/L	50	U	50	U	50	U	50	U
ATSIN094DL	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/23/90	10	e	ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN094RE	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		ug/L	50	U	50	U	50	U	50	U
ATSIN094REDL	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/21/90	0		ug/L	2000	U	2000	U	2000	U	2000	U
ATSIN101	8910056	AQUEOUS	10/06/89	10/07/89	11/16/89	34	b	02/02/90	38	f	ug/L	50	U	50	U	50	U	50	U
ATSIN101DL	8910056	AQUEOUS	10/06/89	10/07/89	11/16/89	34	b	02/24/90	60	g	ug/L	3000	U	3000	U	3000	U	3000	U
ATSIN101RE	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		ug/L	50	U	50	U	50	U	50	U
ATSIN101REDL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/16/90	0		ug/L	3000	U	3000	U	3000	U	3000	U
ATSEFF043	8910013	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	01/21/90	11	e	ug/L	61	U	61	U	61	U	61	U
ATSEFF043DL	8910013	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	01/07/90	0		ug/L	610	U	610	U	610	U	610	U
ATSEFF044	8910005	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/25/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF044DL	8910005	AQUEOUS	10/01/89	10/03/89	10/03/89	0		11/03/89	0		ug/L	400	U	400	U	400	U	400	U
ATSEFF051	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		01/30/90	77	g	ug/L	50	U	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000535

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSEFF051DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/15/90	93	h	ug/L	100	U	100	U	100	U	100	U
ATSEFF051RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	ug/L	50	U	50	U	50	U	50	U
ATSEFF051REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	ug/L	200	U	200	U	200	U	200	U
ATSEFF052	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		01/31/90	78	g	ug/L	50	U	50	U	50	U	50	U
ATSEFF052DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/15/90	93	h	ug/L	100	U	100	U	100	U	100	U
ATSEFF052RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	ug/L	50	U	50	U	50	U	50	U
ATSEFF052REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	ug/L	200	U	200	U	200	U	200	U
ATSEFF053	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	ug/L	20	U	20	U	20	U	20	U
ATSEFF053DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	ug/L	250	U	250	U	250	U	250	U
ATSEFF056-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	ug/L	20	U	20	U	20	U	20	U
ATSEFF056DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	ug/L	250	U	250	U	250	U	250	U
ATSEFF057-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	ug/L	20	U	20	U	20	U	20	U
ATSEFF057DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	ug/L	100	U	100	U	100	U	100	U
ATSEFF058-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	ug/L	20	U	20	U	20	U	20	U
ATSEFF058DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	ug/L	100	U	100	U	100	U	100	U
ATSEFF054	8910005	AQUEOUS	10/02/89	10/03/89	10/03/89	0		10/25/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF054DL	8910005	AQUEOUS	10/02/89	10/03/89	10/03/89	0		10/29/89	0		ug/L	100	U	100	U	100	U	100	U
ATSEFF061	8910013	AQUEOUS	10/02/89	10/03/89	10/05/89	0		11/07/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF061DL	8910013	AQUEOUS	10/02/89	10/03/89	10/05/89	0		01/25/90	72	g	ug/kg	100	U	100	U	100	U	100	U
ATSEFF061RE	8910013	AQUEOUS	10/02/89	10/03/89	11/16/89	38	b	12/17/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF061REDL	8910013	AQUEOUS	10/02/89	10/03/89	11/16/89	38	b	02/26/90	62	g	ug/L	150	U	150	U	150	U	150	U
ATSEFF062	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0		02/27/90	101	h	ug/L	50	U	50	U	50	U	50	U
ATSEFF063	8910025	AQUEOUS	10/02/89	10/04/89	12/01/89	53	b	01/21/90	11	e	ug/L	10	U	10	U	10	U	10	U
ATSEFF063DL	8910025	AQUEOUS	10/02/89	10/04/89	12/01/89	53	b	02/26/90	47	f	ug/L	2000	U	2000	U	2000	U	2000	U
ATSEFF063RE	8910025	AQUEOUS	10/02/89	10/04/89	01/29/90	112	d	02/02/90	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF063REDL	8910025	AQUEOUS	10/02/89	10/04/89	01/29/90	112	d	02/05/90	0		ug/L	5000	U	5000	U	5000	U	5000	U
ATSEFF064	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		11/10/89	0		ug/L	50	U	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSEFF071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/07/90	50	f	ug/L	1000	U	1000	U	1000	U	1000	U
ATSEFF071DL	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/08/90	51	f	ug/L	2000	U	2000	U	2000	U	2000	U
ATSEFF072	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	50	U	3	J
ATSEFF073	8910030	AQUEOUS	10/03/89	10/05/89	10/09/89	0		12/23/89	35	f	ug/L	50	U	50	U	50	U	50	U
ATSEFF073RE	8910030	AQUEOUS	10/03/89	10/05/89	01/29/90	111	d	02/02/90	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF074	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/14/90	88	h	ug/L	50	U	50	U	50	U	50	U
ATSEFF074RE	8910030	AQUEOUS	10/04/89	10/05/89	02/20/90	132	d	02/26/90	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF081	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF081DL	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	ug/L	100	U	100	U	100	U	100	U
ATSEFF085-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF085DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	ug/L	100	U	100	U	100	U	100	U
ATSEFF086-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF086DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/14/89	0		ug/L	200	U	200	U	200	U	200	U
ATSEFF087-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		01/24/90	67	g	ug/L	50	U	50	U	50	U	50	U
ATSEFF087DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/15/89	0		ug/L	200	U	200	U	200	U	200	U
ATSEFF082	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/31/90	21	e	ug/L	230	U	230	U	230	U	230	U
ATSEFF085-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/24/90	11	e	ug/L	120	U	120	U	120	U	120	U
ATSEFF085DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	480	U	480	U	480	U	480	U
ATSEFF086-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	120	U	120	U	120	U	120	U
ATSEFF086DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	460	U	460	U	460	U	460	U
ATSEFF087-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/22/90	9	e	ug/L	150	U	150	U	150	U	150	U
ATSEFF083	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/22/90	12	e	ug/L	10	U	10	U	10	U	10	U
ATSEFF083DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/25/90	15	e	ug/L	500	U	500	U	500	U	500	U
ATSEFF084	8910046	AQUEOUS	10/05/89	10/06/89	01/29/90	109	d	02/05/90	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF084DL	8910046	AQUEOUS	10/05/89	10/06/89	01/29/90	109	d	02/05/90	0		ug/L	200	U	200	U	200	U	200	U
ATSEFF091	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/08/90	0		ug/L	20	U	20	U	20	U	20	U
ATSEFF091DL	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/09/90	0		ug/L	200	U	200	U	200	U	200	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

FILE NAME: ATSHPAH

DATE: 09-Oct-90

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
ATSEFF092	8910056	AQUEOUS	10/05/89	10/07/89	11/16/89	35	b	01/31/90	36	f	ug/L	50	U	50	U	50	U	50	U
ATSEFF092DL	8910056	AQUEOUS	10/05/89	10/07/89	11/16/89	35	b	03/02/90	66	g	ug/L	150	U	150	U	150	U	150	U
ATSEFF093	8910056	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	ug/L	50	U	50	U	50	U	50	U
ATSEFF093DL	8910056	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	02/26/90	44	f	ug/L	150	U	150	U	150	U	150	U
ATSEFF093RE	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF093REDL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		ug/L	150	U	150	U	150	U	150	U
ATSEFF094	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	ug/L	50	U	50	U	50	U	50	U
ATSEFF094DL	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/24/90	11	e	ug/L	100	U	100	U	100	U	100	U
ATSEFF094RE	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/20/90	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF094REDL	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/22/90	0		ug/L	100	U	100	U	100	U	100	U
ATSEFF101	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		ug/L	50	U	50	U	50	U	50	U
ATSEFF101DL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		ug/L	150	U	150	U	150	U	150	U
ATSEQB051	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/05/89	0		ug/L	10	U	10	U	10	U	10	U
ATSEQB071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/21/90	64	g	ug/L	10	U	10	U	10	U	10	U
ATSEQB091	8910051	AQUEOUS	10/05/89	10/06/89	10/11/89	0		02/09/90	81	g	ug/L	10	U	10	U	10	U	10	U
ATSCAR111	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	ug/kg	2000	U	2000	U	2000	U	2000	U
ATSCAR111RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		ug/kg	2000	U	2000	U	2000	U	2000	U
ATSCAR112	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	ug/kg	2000	U	2000	U	2000	U	2000	U
ATSCAR112RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		ug/kg	2000	U	2000	U	2000	U	2000	U
ATSCAR113	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	ug/kg	2000	U	2000	U	2000	U	2000	U
ATSCAR113RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		ug/kg	2000	U	2000	U	2000	U	2000	U
ATSCAR114	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		ug/kg	2000	U	2000	U	2000	U	2000	U
ATSCAR114RE	8910060	SOIL	10/07/89	10/08/89	01/29/90	100	d	02/02/90	0		ug/kg	2000	U	2000	U	2000	U	2000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSIN043	8910012	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/05/89	0		ug/L	27	J	50	U	50	U
ATSIN043DL	8910012	AQUEOUS	09/30/89	10/03/89	10/05/89	0		11/09/89	0		ug/L	2000	U	2000	U	2000	U
ATSIN044	8910013	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/06/89	0		ug/L	50	U	50	U	50	U
ATSIN044DL	8910013	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/09/89	0		ug/L	5000	U	5000	U	5000	U
ATSIN051	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/08/89	0		ug/L	50	U	50	U	50	U
ATSIN051DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/26/90	104	h	ug/L	3000	U	3000	U	3000	U
ATSIN051RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	01/24/90	29	f	ug/L	50	U	50	U	9	J
ATSIN051REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	01/25/90	30	f	ug/L	2000	U	2000	U	2000	U
ATSIN052	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/06/89	0		ug/L	50	U	50	U	50	U
ATSIN052DL	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/08/89	0		ug/L	5000	U	5000	U	5000	U
ATSIN053	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		03/02/90	108	h	ug/L	20	U	11	J	14	J
ATSIN053DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/15/90	93	h	ug/L	2000	U	2000	U	2000	U
ATSIN056-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/28/89	0		ug/L	11	J	16	J	14	J
ATSIN056DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		11/03/89	0		ug/L	2000	U	2000	U	2000	U
ATSIN057-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/28/89	0		ug/L	10	J	11	J	8	J
ATSIN057DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		01/25/90	74	g	ug/L	2000	U	2000	U	2000	U
ATSIN058-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/25/89	0		ug/L	50	U	14	J	13	J
ATSIN058DL-SP03	8910006	AQUEOUS	10/01/89	10/03/89	10/03/89	0		01/30/90	79	g	ug/L	2000	U	2000	U	2000	U
ATSIN054	8910011	AQUEOUS	10/02/89	10/03/89	10/03/89	0		10/28/89	0		ug/L	10	J	8	J	11	J
ATSIN054DL	8910011	AQUEOUS	10/02/89	10/03/89	10/03/89	0		11/03/89	0		ug/L	2000	U	2000	U	2000	U
ATSIN061	8910013	AQUEOUS	10/02/89	10/03/89	02/07/90	121	d	02/13/90	0		ug/L	50	U	50	U	50	U
ATSIN061DL	8910013	AQUEOUS	10/02/89	10/03/89	02/07/90	121	d	02/14/90	0		ug/L	3000	U	3000	U	3000	U
ATSIN062	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	14	J
ATSIN062DL	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0		01/25/90	68	g	ug/L	2000	U	2000	U	2000	U
ATSIN063	8910022	AQUEOUS	10/02/89	10/04/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	50	U
ATSIN063DL	8910022	AQUEOUS	10/02/89	10/04/89	10/09/89	0		01/23/90	66	g	ug/L	100	U	100	U	100	U
ATSIN064	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/24/90	67	g	ug/L	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSIN064DL	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/25/90	68	g	ug/L	100	U	100	U	100	U
ATSIN071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		12/22/89	34	f	ug/L	50	U	50	U	50	U
ATSIN072	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		11/11/89	0		ug/L	17	J	22	J	23	J
ATSIN072DL	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		02/01/90	75	g	ug/L	3000	U	3000	U	3000	U
ATSIN073	8910032	AQUEOUS	10/03/89	10/05/89	10/09/89	0		11/10/89	0		ug/L	50	U	50	U	50	U
ATSIN073DL	8910032	AQUEOUS	10/03/89	10/05/89	10/09/89	0		11/10/89	0		ug/L	3000	U	3000	U	3000	U
ATSIN073RE	8910032	AQUEOUS	10/03/89	10/05/89	02/07/90	120	d	02/13/90	0		ug/L	50	U	50	U	50	U
ATSIN073REDL	8910032	AQUEOUS	10/03/89	10/05/89	02/07/90	120	d	02/21/90	0		ug/L	4000	U	4000	U	4000	U
ATSIN074	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		03/04/90	106	h	ug/L	20	U	7	J	8	J
ATSIN074DL	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		03/04/90	106	h	ug/L	1500	U	1500	U	1500	U
ATSIN074RE	8910030	AQUEOUS	10/04/89	10/05/89	02/07/90	119	d	02/14/90	0		ug/L	50	U	50	U	50	U
ATSIN074REDL	8910030	AQUEOUS	10/04/89	10/05/89	02/07/90	119	d	02/27/90	0		ug/L	2000	U	2000	U	2000	U
ATSIN081	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		12/22/89	34	f	ug/L	52	U	52	U	52	U
ATSIN081DL	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	ug/L	3100	U	3100	U	3100	U
ATSIN085-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		12/22/89	34	f	ug/L	53	U	53	U	53	U
ATSIN085DL-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/26/90	100	h	ug/L	1600	U	1600	U	1600	U
ATSIN086-SP01	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	120	U	120	U	120	U
ATSIN086DL-SP01	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	2300	U	2300	U	2300	U
ATSIN087-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		12/23/89	35	f	ug/L	54	U	54	U	54	U
ATSIN087DL-SP01	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	ug/L	2200	U	2200	U	2200	U
ATSIN082	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/08/90	0		ug/L	46	U	46	U	46	U
ATSIN082DL	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/10/90	0		ug/L	2300	U	2300	U	2300	U
ATSIN085-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/08/90	0		ug/L	44	U	44	U	44	U
ATSIN085DL-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/09/90	0		ug/L	2200	U	2200	U	2200	U
ATSIN086-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/08/90	0		ug/L	57	U	57	U	57	U
ATSIN086DL-SP02	8910051	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/10/90	0		ug/L	2900	U	2900	U	2900	U
ATSIN087-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/31/90	21	e	ug/L	140	U	140	U	140	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000540

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSIN087DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/31/90	21	e	ug/L	1400	U	1400	U	1400	U
ATSIN083	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/22/90	12	e	ug/L	10	U	5	J	6	J
ATSIN083DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/31/90	21	e	ug/kg	2000	U	2000	U	2000	U
ATSIN084	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	12/17/89	0		ug/L	9	J	8	J	10	J
ATSIN084DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/31/90	21	e	ug/L	3000	U	3000	U	3000	U
ATSIN091	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/09/90	0		ug/L	20	U	20	U	5	J
ATSIN091DL	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/10/90	0		ug/L	2500	U	2500	U	2500	U
ATSIN092	8910058	AQUEOUS	10/05/89	10/07/89	02/07/90	118	d	02/15/90	0		ug/L	50	U	50	U	50	U
ATSIN092DL	8910058	AQUEOUS	10/05/89	10/07/89	02/07/90	118	d	02/21/90	0		ug/L	2000	U	2000	U	2000	U
ATSIN093	8910057	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/24/90	11	e	ug/L	50	U	16	J	28	J
ATSIN093DL	8910057	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	02/20/90	38	f	ug/L	2000	U	2000	U	2000	U
ATSIN093RE	8910057	AQUEOUS	10/06/89	10/07/89	01/30/90	109	d	02/03/90	0		ug/L	50	U	50	U	50	U
ATSIN093REDL	8910057	AQUEOUS	10/06/89	10/07/89	01/30/90	109	d	02/06/90	0		ug/L	5000	U	5000	U	5000	U
ATSIN094	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	ug/L	50	U	50	U	50	U
ATSIN094DL	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/23/90	10	e	ug/L	2000	U	2000	U	2000	U
ATSIN094RE	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		ug/L	50	U	50	U	50	U
ATSIN094REDL	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/21/90	0		ug/L	2000	U	2000	U	2000	U
ATSIN101	8910056	AQUEOUS	10/06/89	10/07/89	11/16/89	34	b	02/02/90	38	f	ug/L	50	U	50	U	50	U
ATSIN101DL	8910056	AQUEOUS	10/06/89	10/07/89	11/16/89	34	b	02/24/90	60	g	ug/L	3000	U	3000	U	3000	U
ATSIN101RE	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		ug/L	50	U	50	U	50	U
ATSIN101REDL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/16/90	0		ug/L	3000	U	3000	U	3000	U
ATSEFF043	8910013	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	01/21/90	11	e	ug/L	61	U	61	U	61	U
ATSEFF043DL	8910013	AQUEOUS	09/30/89	10/03/89	12/01/89	55	b	01/07/90	0		ug/L	610	U	21	DJ	19	DJ
ATSEFF044	8910005	AQUEOUS	10/01/89	10/03/89	10/03/89	0		10/25/89	0		ug/L	50	U	50	U	50	U
ATSEFF044DL	8910005	AQUEOUS	10/01/89	10/03/89	10/03/89	0		11/03/89	0		ug/L	400	U	400	U	400	U
ATSEFF051	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		01/30/90	77	g	ug/L	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000541

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSEFF051DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/15/90	93	h	ug/L	100	U	100	U	100	U
ATSEFF051RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	ug/L	50	U	50	U	50	U
ATSEFF051REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	ug/L	200	U	200	U	200	U
ATSEFF052	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		01/31/90	78	g	ug/L	50	U	50	U	50	U
ATSEFF052DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/15/90	93	h	ug/L	100	U	100	U	100	U
ATSEFF052RE	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	ug/L	50	U	50	U	50	U
ATSEFF052REDL	8910015	AQUEOUS	10/01/89	10/03/89	11/16/89	39	b	02/02/90	38	f	ug/L	200	U	200	U	200	U
ATSEFF053	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	ug/L	20	U	20	U	20	U
ATSEFF053DL	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	ug/L	250	U	250	U	250	U
ATSEFF056-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	ug/L	20	U	20	U	20	U
ATSEFF056DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	ug/L	250	U	250	U	250	U
ATSEFF057-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	ug/L	3	J	20	U	3	J
ATSEFF057DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	ug/L	100	U	100	U	100	U
ATSEFF058-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/16/90	94	h	ug/L	3	J	20	U	3	J
ATSEFF058DL-SP03	8910015	AQUEOUS	10/01/89	10/03/89	10/05/89	0		02/20/90	98	h	ug/L	100	U	100	U	100	U
ATSEFF054	8910005	AQUEOUS	10/02/89	10/03/89	10/03/89	0		10/25/89	0		ug/L	50	U	50	U	50	U
ATSEFF054DL	8910005	AQUEOUS	10/02/89	10/03/89	10/03/89	0		10/29/89	0		ug/L	100	U	100	U	100	U
ATSEFF061	8910013	AQUEOUS	10/02/89	10/03/89	10/05/89	0		11/07/89	0		ug/L	50	U	50	U	50	U
ATSEFF061DL	8910013	AQUEOUS	10/02/89	10/03/89	10/05/89	0		01/25/90	72	g	ug/kg	100	U	100	U	100	U
ATSEFF061RE	8910013	AQUEOUS	10/02/89	10/03/89	11/16/89	38	b	12/17/89	0		ug/L	50	U	50	U	50	U
ATSEFF061REDL	8910013	AQUEOUS	10/02/89	10/03/89	11/16/89	38	b	02/26/90	62	g	ug/L	150	U	150	U	150	U
ATSEFF062	8910025	AQUEOUS	10/02/89	10/04/89	10/09/89	0		02/27/90	101	h	ug/L	50	U	50	U	50	U
ATSEFF063	8910025	AQUEOUS	10/02/89	10/04/89	12/01/89	53	b	01/21/90	11	e	ug/L	10	U	10	U	7	J
ATSEFF063DL	8910025	AQUEOUS	10/02/89	10/04/89	12/01/89	53	b	02/26/90	47	f	ug/L	2000	U	2000	U	2000	U
ATSEFF063RE	8910025	AQUEOUS	10/02/89	10/04/89	01/29/90	112	d	02/02/90	0		ug/L	50	U	50	U	50	U
ATSEFF063REDL	8910025	AQUEOUS	10/02/89	10/04/89	01/29/90	112	d	02/05/90	0		ug/L	5000	U	5000	U	5000	U
ATSEFF064	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		11/10/89	0		ug/L	50	U	50	U	50	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000542

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSEFF071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/07/90	50	f	ug/L	1000	U	1000	U	1000	U
ATSEFF071DL	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/08/90	51	f	ug/L	2000	U	2000	U	2000	U
ATSEFF072	8910022	AQUEOUS	10/03/89	10/04/89	10/09/89	0		11/11/89	0		ug/L	7	J	50	U	2	J
ATSEFF073	8910030	AQUEOUS	10/03/89	10/05/89	10/09/89	0		12/23/89	35	f	ug/L	50	U	50	U	50	U
ATSEFF073RE	8910030	AQUEOUS	10/03/89	10/05/89	01/29/90	111	d	02/02/90	0		ug/L	50	U	50	U	50	U
ATSEFF074	8910030	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/14/90	88	h	ug/L	50	U	50	U	50	U
ATSEFF074RE	8910030	AQUEOUS	10/04/89	10/05/89	02/20/90	132	d	02/26/90	0		ug/L	50	U	50	U	50	U
ATSEFF081	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	50	U
ATSEFF081DL	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	ug/L	100	U	100	U	100	U
ATSEFF085-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	50	U
ATSEFF085DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		02/22/90	96	h	ug/L	100	U	100	U	100	U
ATSEFF086-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/11/89	0		ug/L	50	U	50	U	50	U
ATSEFF086DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/14/89	0		ug/L	200	U	200	U	200	U
ATSEFF087-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		01/24/90	67	g	ug/L	50	U	50	U	50	U
ATSEFF087DL-SP01	8910038	AQUEOUS	10/04/89	10/05/89	10/09/89	0		11/15/89	0		ug/L	200	U	200	U	200	U
ATSEFF082	8910055	AQUEOUS	10/04/89	10/06/89	12/01/89	51	b	01/31/90	21	e	ug/L	230	U	230	U	230	U
ATSEFF085-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/24/90	11	e	ug/L	120	U	120	U	120	U
ATSEFF085DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	480	U	480	U	480	U
ATSEFF086-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	120	U	120	U	120	U
ATSEFF086DL-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/23/90	10	e	ug/L	460	U	460	U	460	U
ATSEFF087-SP02	8910055	AQUEOUS	10/04/89	10/06/89	12/04/89	54	b	01/22/90	9	e	ug/L	150	U	150	U	150	U
ATSEFF083	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/22/90	12	e	ug/L	2	J	10	U	10	U
ATSEFF083DL	8910046	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/25/90	15	e	ug/L	500	U	500	U	500	U
ATSEFF084	8910046	AQUEOUS	10/05/89	10/06/89	01/29/90	109	d	02/05/90	0		ug/L	50	U	50	U	50	U
ATSEFF084DL	8910046	AQUEOUS	10/05/89	10/06/89	01/29/90	109	d	02/05/90	0		ug/L	200	U	200	U	200	U
ATSEFF091	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/08/90	0		ug/L	20	U	20	U	20	U
ATSEFF091DL	8910051	AQUEOUS	10/05/89	10/06/89	12/01/89	50	b	01/09/90	0		ug/L	200	U	200	U	200	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q
ATSEFF092	8910056	AQUEOUS	10/05/89	10/07/89	11/16/89	35	b	01/31/90	36	f	ug/L	50	U	50	U	50	U
ATSEFF092DL	8910056	AQUEOUS	10/05/89	10/07/89	11/16/89	35	b	03/02/90	66	g	ug/L	150	U	150	U	150	U
ATSEFF093	8910056	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	ug/L	50	U	50	U	50	U
ATSEFF093DL	8910056	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	02/26/90	44	f	ug/L	150	U	150	U	150	U
ATSEFF093RE	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		ug/L	50	U	50	U	50	U
ATSEFF093REDL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		ug/L	150	U	150	U	150	U
ATSEFF094	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/22/90	9	e	ug/L	50	U	50	U	50	U
ATSEFF094DL	8910058	AQUEOUS	10/06/89	10/07/89	12/04/89	52	b	01/24/90	11	e	ug/L	100	U	100	U	100	U
ATSEFF094RE	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/20/90	0		ug/L	50	U	50	U	50	U
ATSEFF094REDL	8910058	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/22/90	0		ug/L	100	U	100	U	100	U
ATSEFF101	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/13/90	0		ug/L	50	U	50	U	50	U
ATSEFF101DL	8910056	AQUEOUS	10/06/89	10/07/89	02/07/90	117	d	02/14/90	0		ug/L	150	U	150	U	150	U
ATSEQB051	8910012	AQUEOUS	10/01/89	10/03/89	10/05/89	0		11/05/89	0		ug/L	10	U	10	U	10	U
ATSEQB071	8910025	AQUEOUS	10/03/89	10/04/89	10/09/89	0		01/21/90	64	g	ug/L	10	U	10	U	10	U
ATSEQB091	8910051	AQUEOUS	10/05/89	10/06/89	10/11/89	0		02/09/90	81	g	ug/L	10	U	10	U	10	U
ATSCAR111	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	ug/kg	2000	U	2000	U	2000	U
ATSCAR111RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		ug/kg	2000	U	2000	U	2000	U
ATSCAR112	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	ug/kg	2000	U	2000	U	2000	U
ATSCAR112RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		ug/kg	2000	U	2000	U	2000	U
ATSCAR113	8910060	SOIL	10/07/89	10/08/89	10/19/89	0		12/02/89	4	e	ug/kg	2000	U	2000	U	2000	U
ATSCAR113RE	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		ug/kg	2000	U	2000	U	2000	U
ATSCAR114	8910060	SOIL	10/07/89	10/08/89	12/13/89	53	b	01/22/90	0		ug/kg	2000	U	2000	U	2000	U
ATSCAR114RE	8910060	SOIL	10/07/89	10/08/89	01/29/90	100	d	02/02/90	0		ug/kg	2000	U	2000	U	2000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

AQUEOUS TREATMENT SYSTEM TEST - DATA EXCLUSIONS

Sample ID	Reason for Exclusion
ATSIN011 ATSIN012 ATSIN043 ATSIN044 ATSEFF011 ATSEFF012 ATSEFF043 ATSEFF044.....	These samples were all taken during periods of biomass acclimation (this was determined by looking at a graph of the concentration vs. time)and will not be used in calculating performance. This data will be presented in all spreadsheets and included in the graphs but will be flagged as biomass acclimation data.
ATSEFF063 ATSEFF071.....	Pentachlorophenol concentrations for these samples were higher by an order of magnitude than the surrounding data points. A QA check discovered that the labels were switched and these are actually influent samples. The corresponding influent samples, ATSIN063 and ATSIN071 had pentachlorophenol concentrations which were lower by an order of magnitude than the surrounding data points. The pentachlorophenol concentrations of these samples have been switched with those reported for the influent samples.
ATSIN063 ATSIN071.....	Pentachlorophenol concentrations for these samples were lower by an order of magnitude than the surrounding data points. A QA check discovered that the labels were switched and these are actually effluent samples. The corresponding effluent samples, ATSEFF063 and ATSEFF071 had pentachlorophenol concentrations which were higher by an order of magnitude than the surrounding data points. The pentachlorophenol concentrations of these samples have been switched with those reported for the effluent samples.

AQUEOUS TREATMENT SYSTEM TEST - DATA EXCLUSIONS

Sample ID	Reason for Exclusion
ATSIN064 ATSEFF064.....	Pentachlorophenol concentrations for the influent sample, ATSIN064 were lower by an order of magnitude than the surrounding data points. It is suspected that the labels were switched. However, the pentachlorophenol concentrations for the effluent sample, ATSEFF064 are in the same range with the surrounding effluent data points. Since it is unclear which of pentachlorophenol concentrations is associated with ATSEFF064 and neither concentration could be associated with ATSIN064 these data will be excluded.
ATSEFF084.....	Missed the extraction holding time by 109 days and given a "d" qualifier.
ATSEFF087-SP01.....	Surrogates were not within acceptable limits according to our rules.
ATSEFF101.....	Missed the extraction holding time by 117 days and given a "d" qualifier.
ATSIN061.....	Missed the extraction holding time by 121 days and given a "d"qualifier.
ATSIN092.....	Missed the extraction holding time by 118 days and given a "d" qualifier.

filename: dataexcl.wp date: Oct. 24, 1990

OTHER ORGANIC AND METALS DATA

FILE NAME: ATSLCCA

DATE: 23-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Arsenic	Q	Chromium	Q	Copper	Q
ATSIN011	8909102	AQUEOUS	ug/L	17.6		10	L	35.1	
ATSIN012	8909101	AQUEOUS	ug/L	17.6		10	L	33.3	
ATSIN013	8909102	AQUEOUS	ug/L	17.0		13.0		34.6	
ATSIN014	8909111	AQUEOUS	ug/L	19.7		10	L	26.2	
ATSIN021	8909111	AQUEOUS	ug/L	13.1		10	L	23.6	
ATSIN022	8909111	AQUEOUS	ug/L	12.6		10	L	24.9	
ATSIN023	8909111	AQUEOUS	ug/L	14.0		10.1		23.7	
ATSIN024	8910001	AQUEOUS	ug/L	13.0		10	L	25.9	
ATSIN031	8910001	AQUEOUS	ug/L	12.9		10	L	23.1	
ATSIN032	8910001	AQUEOUS	ug/L	12.1		10	L	22.9	
ATSIN033	8910014	AQUEOUS	ug/L	18.1		19.1		19.8	
ATSIN034	8910012	AQUEOUS	ug/L	9.9		13.0		27.6	
ATSIN041	8910014	AQUEOUS	ug/L	18.7		18.3		17.4	
ATSIN042	8910014	AQUEOUS	ug/L	24.5		19.5		19.0	
ATSEFF011	8909103	AQUEOUS	ug/L	15.8		10	L	10	L
ATSEFF012	8909101	AQUEOUS	ug/L	17.2		10	L	15.1	
ATSEFF013	8909102	AQUEOUS	ug/L	18.0		10	L	16.7	
ATSEFF014	8909111	AQUEOUS	ug/L	21.0		10	L	18.8	
ATSEFF021	8909111	AQUEOUS	ug/L	14.2		10	L	12.3	
ATSEFF022	8909111	AQUEOUS	ug/L	12.6		10	L	13.4	
ATSEFF023	8910001	AQUEOUS	ug/L	14.1		10	L	14.5	
ATSEFF024	8910001	AQUEOUS	ug/L	13.8		10	L	17.9	
ATSEFF031	8910001	AQUEOUS	ug/L	12.7		10	L	13.5	
ATSEFF032	8910001	AQUEOUS	ug/L	12.2		10	L	13.1	
ATSEFF033	8910014	AQUEOUS	ug/L	17.7		16.3		10.0	L
ATSEFF034	8910012	AQUEOUS	ug/L	17.4		10	L	13.8	
ATSEFF041	8910014	AQUEOUS	ug/L	16.3		13.9		10	L
ATSEFF042	8910014	AQUEOUS	ug/L	16.3		12.6		10	L
ATS-OOZE	8910001	SOIL	ug/L	17.8		19.6		27.5	
ATSEQB011	8909102	AQUEOUS	ug/L	5	L	10	L	10	L
ATSEQB031	8909111	AQUEOUS	ug/L	5	L	10	L	10	L

FILE NAME: ATSHCCA

DATE: 10-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Arsenic	Q	Chromium	Q	Copper	Q
ATSIN043	8910006	AQUEOUS	ug/L	57.7		13.2		32.3	
ATSIN044	8910014	AQUEOUS	ug/L	59.9		18.5		26.7	
ATSIN051	8910006	AQUEOUS	ug/L	59.8		10.5		28.6	
ATSIN052	8910006	AQUEOUS	ug/L	57.9		10.4		32.6	
ATSIN053	8910006	AQUEOUS	ug/L	59.3		12.1		33.4	
ATSIN054	8910014	AQUEOUS	ug/L	76.9		27.7		24.7	
ATSIN061	8910014	AQUEOUS	ug/L	90.8		17.0		26.2	
ATSIN062	8910005	AQUEOUS	ug/L	52.4		10	L	32.5	
ATSIN063	8910025	AQUEOUS	ug/L	56.3		11.1		27.1	
ATSIN064	8910022	AQUEOUS	ug/L	67.1		10.2		22.3	
ATSIN071	8910022	AQUEOUS	ug/L	59.7		10	L	20.6	
ATSIN072	8910022	AQUEOUS	ug/L	65.5		23.0		45.1	
ATSIN073	8910030	AQUEOUS	ug/L	60.9		19.6		43.6	
ATSIN074	8910037	AQUEOUS	ug/L	71.3		16.6		39.4	
ATSIN081	8910055	AQUEOUS	ug/L	57.3		18.5		43.8	
ATSIN082	8910046	AQUEOUS	ug/L	69.5		18.8		47.0	
ATSIN083	8910051	AQUEOUS	ug/L	79.9		17.6		57.5	
ATSIN084	8910046	AQUEOUS	ug/L	40.3		16.1		47.6	
ATSIN091	8910051	AQUEOUS	ug/L	75.1		17.2		55.3	
ATSIN092	8910057	AQUEOUS	ug/L	65.7		19.6		57.4	
ATSIN093	8910057	AQUEOUS	ug/L	76.1		19.6		61.2	
ATSIN094	8910057	AQUEOUS	ug/L	87.0		20.4		68.8	
ATSIN101	8910056	AQUEOUS	ug/L	73.2		17.3		65.0	
ATSEFF043	8910006	AQUEOUS	ug/L	41.6		10	L	14.8	
ATSEFF044	8910014	AQUEOUS	ug/L	46.4		12.9		13.3	
ATSEFF051	8910006	AQUEOUS	ug/L	48.9		10	L	17.7	
ATSEFF052	8910006	AQUEOUS	ug/L	50.8		10	L	17.7	
ATSEFF053	8910006	AQUEOUS	ug/L	55.4		10	L	22.5	
ATSEFF054	8910014	AQUEOUS	ug/L	74.4		14.8		11.4	
ATSEFF061	8910014	AQUEOUS	ug/L	56.7		17.3		11.6	
ATSEFF062	8910005	AQUEOUS	ug/L	46.0		10	L	21.1	
ATSEFF063	8910025	AQUEOUS	ug/L	59.7		14.9		32.8	
ATSEFF064	8910014	AQUEOUS	ug/L	67.2		18.3		39.5	
ATSEFF071	8910025	AQUEOUS	ug/L	62.0		18.7		41.7	
ATSEFF072	8910014	AQUEOUS	ug/L	49.6		11.5		25.5	
ATSEFF073	8910037	AQUEOUS	ug/L	65.3		11.0		23.9	
ATSEFF074	8910032	AQUEOUS	ug/L	69.8		11.8		20.9	
ATSEFF081	8910030	AQUEOUS	ug/L	57.4		13.2		32.3	
ATSEFF082	8910055	AQUEOUS	ug/L	45.6		10.7		26.6	
ATSEFF083	8910051	AQUEOUS	ug/L	5.7		11.3		24.3	
ATSEFF084	8910046	AQUEOUS	ug/L	68.0		11.3		33.8	
ATSEFF091	8910051	AQUEOUS	ug/L	56.9		11.7		26.1	

FILE NAME: ATSHCCA

DATE: 10-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Arsenic	Q	Chromium	Q	Copper	Q
ATSEFF092	8910057	AQUEOUS	ug/L	55.9		11.2		20.8	
ATSEFF093	8910057	AQUEOUS	ug/L	57.9		10.9		38.5	
ATSEFF094	8910057	AQUEOUS	ug/L	61.0		14.4		46.7	
ATSEFF101	8910056	AQUEOUS	ug/L	57.7		12.8		35.1	
ATSEQB051	8910006	AQUEOUS	ug/L	5	L	10	L	10	L
ATSEQB071	8910022	AQUEOUS	ug/L	5	L	10	L	10	L
ATSEQB091	8910051	AQUEOUS	ug/L	5	L	10	L	10	L

FILE NAME: ATSMTLS

DATE: 10-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Barium	Q	Cadmium	Q	Lead	Q	Mercury	Q	Selenium	Q	Silver	Q
ATSEFF013	8909102	AQUEOUS	ug/L	5	L	5	L	50	L	0.2	L	3	L	10	L
ATSEFF024	8910001	AQUEOUS	ug/L	30.3		5	L	50	L	0.2	L	3	L	10	L
ATSEFF033	8910014	AQUEOUS	ug/L	35.4		5	L	50	L	0.2	L	3	L	10	L
ATSEFF043	8910006	AQUEOUS	ug/L	34.6		5	L	50	L	0.2	L	3	L	10	L
ATSEFF053	8910006	AQUEOUS	ug/L	34.9		5	L	50	L	0.2	L	3	L	10	L
ATSEFF063	8910025	AQUEOUS	ug/L	47.6		5	L	50	L	0.2	L	3	L	10	L
ATSEFF073	8910037	AQUEOUS	ug/L	35.8		5	L	50	L	0.2	L	3	L	10	L
ATSEFF083	8910051	AQUEOUS	ug/L	30.4		5	L	50	L	0.2	L	3	L	10	L
ATSEFF093	8910057	AQUEOUS	ug/L	35.5		5	L	50	L	0.2	L	3	L	10	L
ATSEQB011	8909102	AQUEOUS	ug/L	11.2		5	L	50	L	0.2	L	3	L	10	L
ATSEQB031	8909111	AQUEOUS	ug/L	10	L	5	L	50	L	0.2	L	3	L	10	L
ATSEQB051	8910006	AQUEOUS	ug/L	11.3		5	L	50	L	0.2	L	3	L	10	L
ATSEQB071	8910022	AQUEOUS	ug/L	10	L	5	L	50	L	0.2	L	3	L	10	L
ATSEQB091	8910051	AQUEOUS	ug/L	10	L	5	L	50	L	0.2	L	3	L	10	L

000551

FILE NAME: ATSLTR DATE: 23-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Total Solids	Q
ATSIN011	8909102	AQUEOUS	mg/L	539	
ATSIN012	8909101	AQUEOUS	mg/L	545	
ATSIN013	8909102	AQUEOUS	mg/L	527	
ATSIN014	8909111	AQUEOUS	mg/L	535	
ATSIN021	8909111	AQUEOUS	mg/L	501	
ATSIN022	8909111	AQUEOUS	mg/L	502	
ATSIN023	8909111	AQUEOUS	mg/L	491	
ATSIN024	8910001	AQUEOUS	mg/L	680	
ATSIN031	8910001	AQUEOUS	mg/L	614	
ATSIN032	8910001	AQUEOUS	mg/L	683	
ATSIN033	8910005	AQUEOUS	mg/L	472	
ATSIN034	8910006	AQUEOUS	mg/L	500	
ATSIN041				NO DATA	
ATSIN042				NO DATA	
ATSEFF011	8909102	AQUEOUS	mg/L	462	A
ATSEFF012	8909101	AQUEOUS	mg/L	524	
ATSEFF013	8909102	AQUEOUS	mg/L	473	
ATSEFF014	8909111	AQUEOUS	mg/L	515	
ATSEFF021	8909111	AQUEOUS	mg/L	432	
ATSEFF022	8909111	AQUEOUS	mg/L	463	
ATSEFF023	8909111	AQUEOUS	mg/L	446	
ATSEFF024	8910001	AQUEOUS	mg/L	622	
ATSEFF031	8910001	AQUEOUS	mg/L	590	
ATSEFF032	8910001	AQUEOUS	mg/L	658	
ATSEFF033				NO DATA	
ATSEFF034	8910005	AQUEOUS	mg/L	568	
ATSEFF041				NO DATA	
ATSEFF042				NO DATA	

FILE NAME: ATSHTR DATE: 23-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Total Solids	Q
ATSIN043	8910012	AQUEOUS	mg/L	507	A
ATSIN044				NO DATA	
ATSIN051	8910005	AQUEOUS	mg/L	273	A
ATSIN052	8910011	AQUEOUS	mg/L	303	A
ATSIN053	8910006	AQUEOUS	mg/L	522	
ATSIN054	8910006	AQUEOUS	mg/L	337	
ATSIN061				NO DATA	
ATSIN062	8910005	AQUEOUS	mg/L	546	A
ATSIN063	8910022	AQUEOUS	mg/L	503	
ATSIN064	8910022	AQUEOUS	mg/L	359	
ATSIN071	8910022	AQUEOUS	mg/L	451	
ATSIN072	8910022	AQUEOUS	mg/L	563	
ATSIN073	8910032	AQUEOUS	mg/L	536	A
ATSIN074	8910032	AQUEOUS	mg/L	545	A
ATSIN081	8910030	AQUEOUS	mg/L	497	A
ATSIN082				NO DATA	
ATSIN086-SP02	8910051	AQUEOUS	mg/L	534	A
ATSIN087-SP02	8910055	AQUEOUS	mg/L	551	
ATSIN083				NO DATA	
ATSIN084	8910046	AQUEOUS	mg/L	510	A
ATSIN091	8910051	AQUEOUS	mg/L	715	A
ATSIN092	8910058	AQUEOUS	mg/L	570	
ATSIN093				NO DATA	
ATSIN094	8910058	AQUEOUS	mg/L	530	
ATSIN101	8910056	AQUEOUS	mg/L	593	A
ATSEFF043				NO DATA	
ATSEFF044	8910005	AQUEOUS	mg/L	514	
ATSEFF051	8910005	AQUEOUS	mg/L	356	A
ATSEFF052	8910006	AQUEOUS	mg/L	682	
ATSEFF052-SP02	8910011	AQUEOUS	mg/L	410	A
ATSEFF053	8910012	AQUEOUS	mg/L	408	A
ATSEFF054	8910005	AQUEOUS	mg/L	875	
ATSEFF061				NO DATA	
ATSEFF062	8910005	AQUEOUS	mg/L	528	A
ATSEFF063	8910025	AQUEOUS	mg/L	522	A
ATSEFF064	8910022	AQUEOUS	mg/L	529	
ATSEFF064-SP04	8910022	AQUEOUS	mg/L	504	
ATSEFF071				NO DATA	
ATSEFF072	8910022	AQUEOUS	mg/L	566	
ATSEFF073	8910037	AQUEOUS	mg/L	528	
ATSEFF074	8910032	AQUEOUS	mg/L	542	A
ATSEFF081	8910038	AQUEOUS	mg/L	363	A

FILE NAME: ATSHTR DATE: 23-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Total Solids	Q
ATSEFF082	8910055	AQUEOUS	mg/L	536	A
ATSEFF083	8910051	AQUEOUS	mg/L	486	A
ATSEFF084	8910046	AQUEOUS	mg/L	331	A
ATSEFF091				NO DATA	
ATSEFF092				NO DATA	
ATSEFF093	8910057	AQUEOUS	mg/L	590	
ATSEFF094	8910058	AQUEOUS	mg/L	620	
ATSEFF101	8910056	AQUEOUS	mg/L	647	A
ATSEQB091	8910051	AQUEOUS	mg/L	517	A
ATSCAR111	8910060	SOIL	% solid	74	
ATSCAR112	8910060	SOIL	% solid	72	
ATSCAR113	8910060	SOIL	% solid	74	
ATSCAR114	8910060	SOIL	% solid	69	

FILE NAME: ATSLCOD DATE: 10-Oct-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Chemical Oxygen Demand	Q
ATSIN011	8910019	AQUEOUS	mg/L	220	
ATSIN012	8910005	AQUEOUS	mg/L	180	
ATSIN013	8910005	AQUEOUS	mg/L	190	
ATSIN014	8910019	AQUEOUS	mg/L	250	
ATSIN021	8910005	AQUEOUS	mg/L	1100	
ATSIN022	8910005	AQUEOUS	mg/L	140	
ATSIN023	8910027	AQUEOUS	mg/L	170	
ATSIN024	8910019	AQUEOUS	mg/L	2200	
ATSIN031	8910019	AQUEOUS	mg/L	170	
ATSIN032	8910019	AQUEOUS	mg/L	1300	
ATSIN033	8910027	AQUEOUS	mg/L	2100	
ATSIN034	8910019	AQUEOUS	mg/L	160	
ATSIN041	8910019	AQUEOUS	mg/L	170	
ATSIN042	8910019	AQUEOUS	mg/L	190	
ATSEFF011	8910005	AQUEOUS	mg/L	950	
ATSEFF012	8910005	AQUEOUS	mg/L	130	
ATSEFF013	8910005	AQUEOUS	mg/L	140	
ATSEFF014	8910005	AQUEOUS	mg/L	870	
ATSEFF021	8910005	AQUEOUS	mg/L	710	
ATSEFF022	8910005	AQUEOUS	mg/L	100	
ATSEFF023	8910027	AQUEOUS	mg/L	1100	
ATSEFF024	8910027	AQUEOUS	mg/L	1800	
ATSEFF031	8910027	AQUEOUS	mg/L	110	
ATSEFF032	8910019	AQUEOUS	mg/L	120	
ATSEFF033	8910019	AQUEOUS	mg/L	1200	
ATSEFF034	8910019	AQUEOUS	mg/L	92	
ATSEFF041	8910019	AQUEOUS	mg/L	270	
ATSEFF042	8910019	AQUEOUS	mg/L	150	

FILE NAME: ATSHCOD DATE: 10-Oct-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Chemical Oxygen Demand	Q
ATSIN043	8910027	AQUEOUS	mg/L	710	
ATSIN044	8910027	AQUEOUS	mg/L	190	
ATSIN051	8910027	AQUEOUS	mg/L	200	
ATSIN052	8910027	AQUEOUS	mg/L	180	
ATSIN053	8910027	AQUEOUS	mg/L	485	
ATSIN055-SP03	8910027	AQUEOUS	mg/L	480	
ATSIN054	8910019	AQUEOUS	mg/L	320	
ATSIN061	8910027	AQUEOUS	mg/L	220	
ATSIN062	8910027	AQUEOUS	mg/L	130	
ATSIN063	8910054	AQUEOUS	mg/L	110	
ATSIN064	8910054	AQUEOUS	mg/L	530	
ATSIN071	8910054	AQUEOUS	mg/L	120	
ATSIN072	8910054	AQUEOUS	mg/L	240	
ATSIN073	8910054	AQUEOUS	mg/L	360	
ATSIN074	8910054	AQUEOUS	mg/L	430	
ATSIN081	8910054	AQUEOUS	mg/L	190	
ATSIN082	8910069	AQUEOUS	mg/L	460	
ATSIN083	8910069	AQUEOUS	mg/L	280	
ATSIN084	8910069	AQUEOUS	mg/L	240	
ATSIN091	8910069	AQUEOUS	mg/L	380	
ATSIN092	8910087	AQUEOUS	mg/L	1000	
ATSIN093	8910087	AQUEOUS	mg/L	380	
ATSIN094	8910087	AQUEOUS	mg/L	240	
ATSIN101	8910087	AQUEOUS	mg/L	310	
ATSEFF043	8910019	AQUEOUS	mg/L	120	
ATSEFF044	8910027	AQUEOUS	mg/L	170	
ATSEFF051	8910019	AQUEOUS	mg/L	150	
ATSEFF052	8910027	AQUEOUS	mg/L	160	
ATSEFF053	8910027	AQUEOUS	mg/L	115	
ATSEFF055-SP03	8910027	AQUEOUS	mg/L	120	
ATSEFF054	8910027	AQUEOUS	mg/L	140	
ATSEFF061	8910019	AQUEOUS	mg/L	120	
ATSEFF062	8910027	AQUEOUS	mg/L	110	
ATSEFF063				NO DATA	
ATSEFF064	8910054	AQUEOUS	mg/L	130	
ATSEFF071	8910054	AQUEOUS	mg/L	300	
ATSEFF072	8910054	AQUEOUS	mg/L	420	
ATSEFF073	8910054	AQUEOUS	mg/L	320	
ATSEFF074	8910054	AQUEOUS	mg/L	110	
ATSEFF081	8910054	AQUEOUS	mg/L	140	
ATSEFF082	8910069	AQUEOUS	mg/L	270	

FILE NAME: ATSHCOD DATE: 10-Oct-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Chemical Oxygen Demand	Q
ATSEFF083	8910069	AQUEOUS	mg/L	280	
ATSEFF084	8910069	AQUEOUS	mg/L	160	
ATSEFF091	8910069	AQUEOUS	mg/L	260	
ATSEFF092	8910087	AQUEOUS	mg/L	120	
ATSEFF093	8910087	AQUEOUS	mg/L	170	
ATSEFF094	8910087	AQUEOUS	mg/L	210	
ATSEFF101	8910087	AQUEOUS	mg/L	120	

FILE NAME: ATSLTRPH DATE: 10-Oct-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Total Recoverable Petroleum Hydrocarbons	Q
ATSIN011	P909118	AQUEOUS	mg/L	4.82	J
ATSIN012	P909118	AQUEOUS	mg/L	6.98	J
ATSIN013	P909118	AQUEOUS	mg/L	9.79	J
ATSIN014	P909122	AQUEOUS	mg/L	8.38	
ATSIN021	P909122	AQUEOUS	mg/L	2.96	
ATSIN022	P909122	AQUEOUS	mg/L	5.00	
ATSIN023	P910010	AQUEOUS	mg/L	4.57	J
ATSIN024	P910010	AQUEOUS	mg/L	5.47	J
ATSIN031	P910010	AQUEOUS	mg/L	6.80	J
ATSIN032	P910009	AQUEOUS	mg/L	5.00	J
ATSIN033	P910009	AQUEOUS	mg/L	4.23	J
ATSIN034	P910010	AQUEOUS	mg/L	6.62	J
ATSIN041	P910009	AQUEOUS	mg/L	5.05	J
ATSIN042	P910009	AQUEOUS	mg/L	3.37	J
ATSEFF011	P909122	AQUEOUS	mg/L	4.01	
ATSEFF012	P909118	AQUEOUS	mg/L	3.16	J
ATSEFF013	P909118	AQUEOUS	mg/L	3.92	J
ATSEFF014	P909122	AQUEOUS	mg/L	3.65	
ATSEFF021	P909122	AQUEOUS	mg/L	5.30	
ATSEFF022	P909122	AQUEOUS	mg/L	4.30	
ATSEFF023	P910010	AQUEOUS	mg/L	9.45	J
ATSEFF024	P910010	AQUEOUS	mg/L	5.01	J
ATSEFF031	P910010	AQUEOUS	mg/L	11.00	J
ATSEFF032	P910010	AQUEOUS	mg/L	4.95	J
ATSEFF033	P910009	AQUEOUS	mg/L	3.47	J
ATSEFF034	P910010	AQUEOUS	mg/L	4.69	J
ATSEFF041	P910009	AQUEOUS	mg/L	2.67	J
ATSEFF042	P910010	AQUEOUS	mg/L	2.22	L
ATSEQB011	P909122	AQUEOUS	mg/L	2.81	
ATSEQB031	P909122	AQUEOUS	mg/L	3.81	

FILE NAME: ATSHTRPH DATE: 10-Oct-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Total Recoverable Petroleum Hydrocarbons	Q
ATSIN043	P910010	AQUEOUS	mg/L	6.48	J
ATSIN044	P910010	AQUEOUS	mg/L	1.9000	L
ATSIN051	P910010	AQUEOUS	mg/L	2.39	J
ATSIN052	P910009	AQUEOUS	mg/L	2.0800	L
ATSIN053	P910009	AQUEOUS	mg/L	3.69	J
ATSIN055-SP03	P910009	AQUEOUS	mg/L	1.9400	L
ATSIN054	P910009	AQUEOUS	mg/L	6.42	J
ATSIN061	P910009	AQUEOUS	mg/L	3.11	J
ATSIN062	P910015	AQUEOUS	mg/L	7.63	J
ATSIN063	P910015	AQUEOUS	mg/L	1.9600	L
ATSIN064	P910015	AQUEOUS	mg/L	1.9000	L
ATSIN071	P910015	AQUEOUS	mg/L	2.2300	L
ATSIN072	P910019	AQUEOUS	mg/L	3.96	J
ATSIN073	P910019	AQUEOUS	mg/L	1.9600	L
ATSIN074	P910019	AQUEOUS	mg/L	9.08	J
ATSIN081	P910019	AQUEOUS	mg/L	4.22	J
ATSIN082	P910024	AQUEOUS	mg/L	4.10	J
ATSIN083	P910024	AQUEOUS	mg/L	2.93	J
ATSIN084	P910030	AQUEOUS	mg/L	3.87	J
ATSIN091	P910024	AQUEOUS	mg/L	2.84	J
ATSIN092	P910030	AQUEOUS	mg/L	2.74	J
ATSIN093	P910030	AQUEOUS	mg/L	2.87	J
ATSIN094	P910030	AQUEOUS	mg/L	6.55	J
ATSIN101	P910030	AQUEOUS	mg/L	7.19	J
ATSEFF043	P910010	AQUEOUS	mg/L	4.85	J
ATSEFF044	P910010	AQUEOUS	mg/L	2.06	J
ATSEFF051	P910010	AQUEOUS	mg/L	2.14	J
ATSEFF052	P910009	AQUEOUS	mg/L	2.13	L
ATSEFF053	P910009	AQUEOUS	mg/L	2.00	L
ATSEFF055-SP03	P910009	AQUEOUS	mg/L	1.9600	L
ATSEFF054	P910009	AQUEOUS	mg/L	2.02	L
ATSEFF061	P910009	AQUEOUS	mg/L	2.02	L
ATSEFF062	P910015	AQUEOUS	mg/L	1.94	L
ATSEFF063	P910015	AQUEOUS	mg/L	1.92	L
ATSEFF064	P910015	AQUEOUS	mg/L	2.13	J
ATSEFF071	P910015	AQUEOUS	mg/L	2.87	J
ATSEFF072	P910019	AQUEOUS	mg/L	2.63	J
ATSEFF073	P910019	AQUEOUS	mg/L	10.20	
ATSEFF074	P910019	AQUEOUS	mg/L	2.08	L
ATSEFF081	P910019	AQUEOUS	mg/L	4.09	J

FILE NAME: ATSHTRPH DATE: 10-Oct-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Total Recoverable Petroleum Hydrocarbons	Q
ATSEFF082	P910024	AQUEOUS	mg/L	2.13	L
ATSEFF083	P910024	AQUEOUS	mg/L	2.15	L
ATSEFF084	P910024	AQUEOUS	mg/L	2.13	L
ATSEFF091	P910024	AQUEOUS	mg/L	2.06	L
ATSEFF092	P910030	AQUEOUS	mg/L	1.93	L
ATSEFF093				NO DATA	
ATSEFF094	P910030	AQUEOUS	mg/L	3.41	J
ATSEFF101	P910030	AQUEOUS	mg/L	3.93	J
ATSEQB051	P910009	AQUEOUS	mg/L	2.40	L
ATSEQB071	P910015	AQUEOUS	mg/L	1.97	L
ATSEQB091	P910024	AQUEOUS	mg/L	2.47	L

FILE NAME: ATSCL DATE: 10-Oct-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Chloride Q
ATSIN042	8910006	AQUEOUS	mg/L	33.9
ATSIN044	8910006	AQUEOUS	mg/L	54.3
ATSIN052	8910006	AQUEOUS	mg/L	50
ATSIN054	8910006	AQUEOUS	mg/L	55
ATSIN062	8910005	AQUEOUS	mg/L	116
ATSIN064	8910025	AQUEOUS	mg/L	106
ATSEFF042	8910006	AQUEOUS	mg/L	43.4
ATSEFF044	8910006	AQUEOUS	mg/L	83.7
ATSEFF052	8910006	AQUEOUS	mg/L	82.8
ATSEFF054	8910005	AQUEOUS	mg/L	87.5
ATSEFF062	8910015	AQUEOUS	mg/L	100
ATSEFF064	8910022	AQUEOUS	mg/L	58.4
ATSEQB051	8910006	AQUEOUS	mg/L	0.34

FILE NAME: ATSTOX DATE: 10-Oct-90

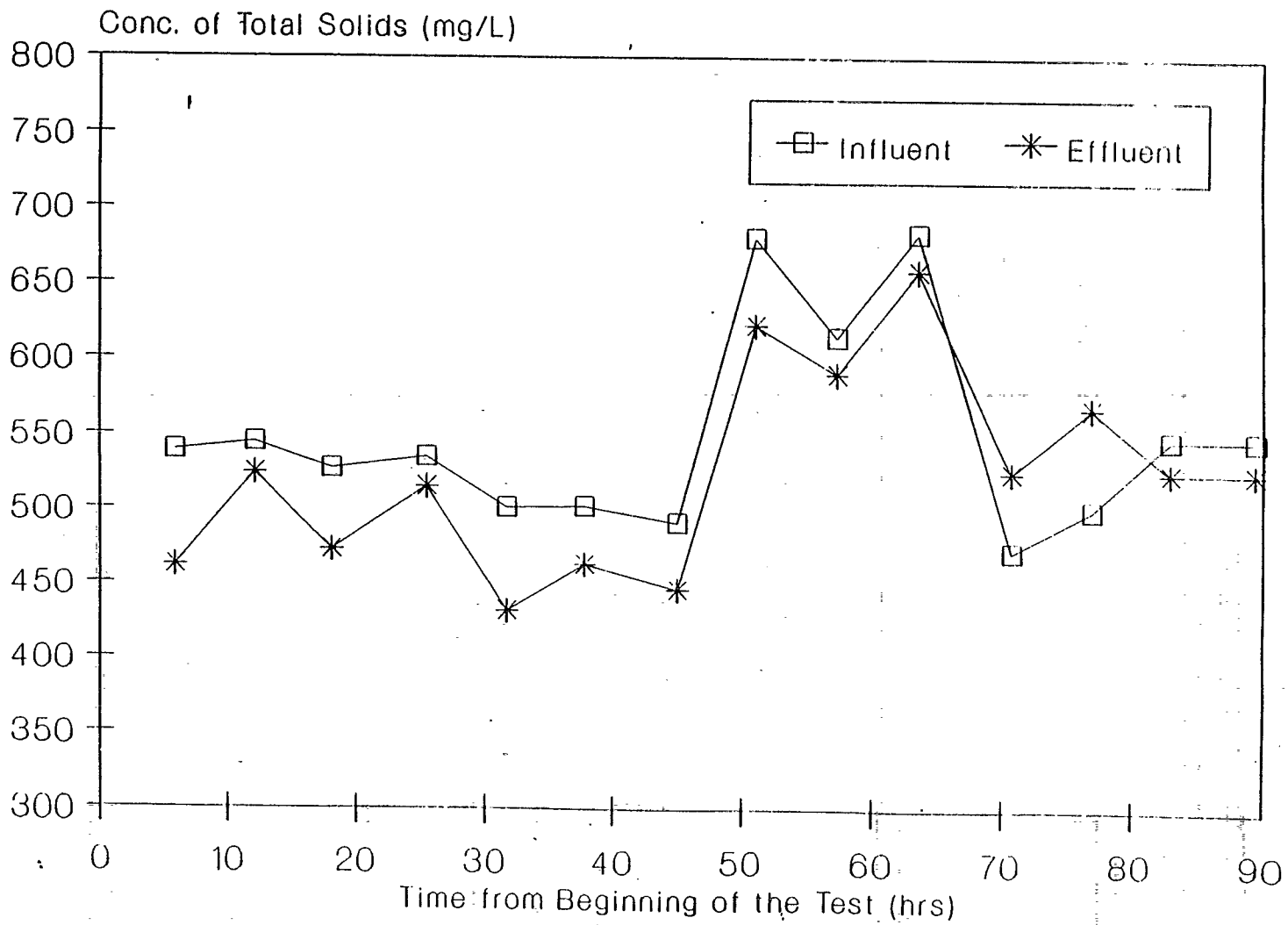
SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Total Organic Halides	Q
ATSIN042	8910019	AQUEOUS	mg/L	7.7	
ATSIN044	8910025	AQUEOUS	mg/L	17	
ATSIN052	8910025	AQUEOUS	mg/L	19	
ATSIN054	8910025	AQUEOUS	mg/L	15	
ATSIN062	8910025	AQUEOUS	mg/L	11	
ATSIN064	8910054	AQUEOUS	mg/L	2.4	
ATSEFF042	8910025	AQUEOUS	mg/L	8.8	
ATSEFF044	8910025	AQUEOUS	mg/L	13	
ATSEFF052	8910019	AQUEOUS	mg/L	11	
ATSEFF054	8910025	AQUEOUS	mg/L	7.8	
ATSEFF062	8910025	AQUEOUS	mg/L	15	
ATSEFF064	8910054	AQUEOUS	mg/L	9	

FILE NAME: ATSTOC

DATE: 10-Oct-90

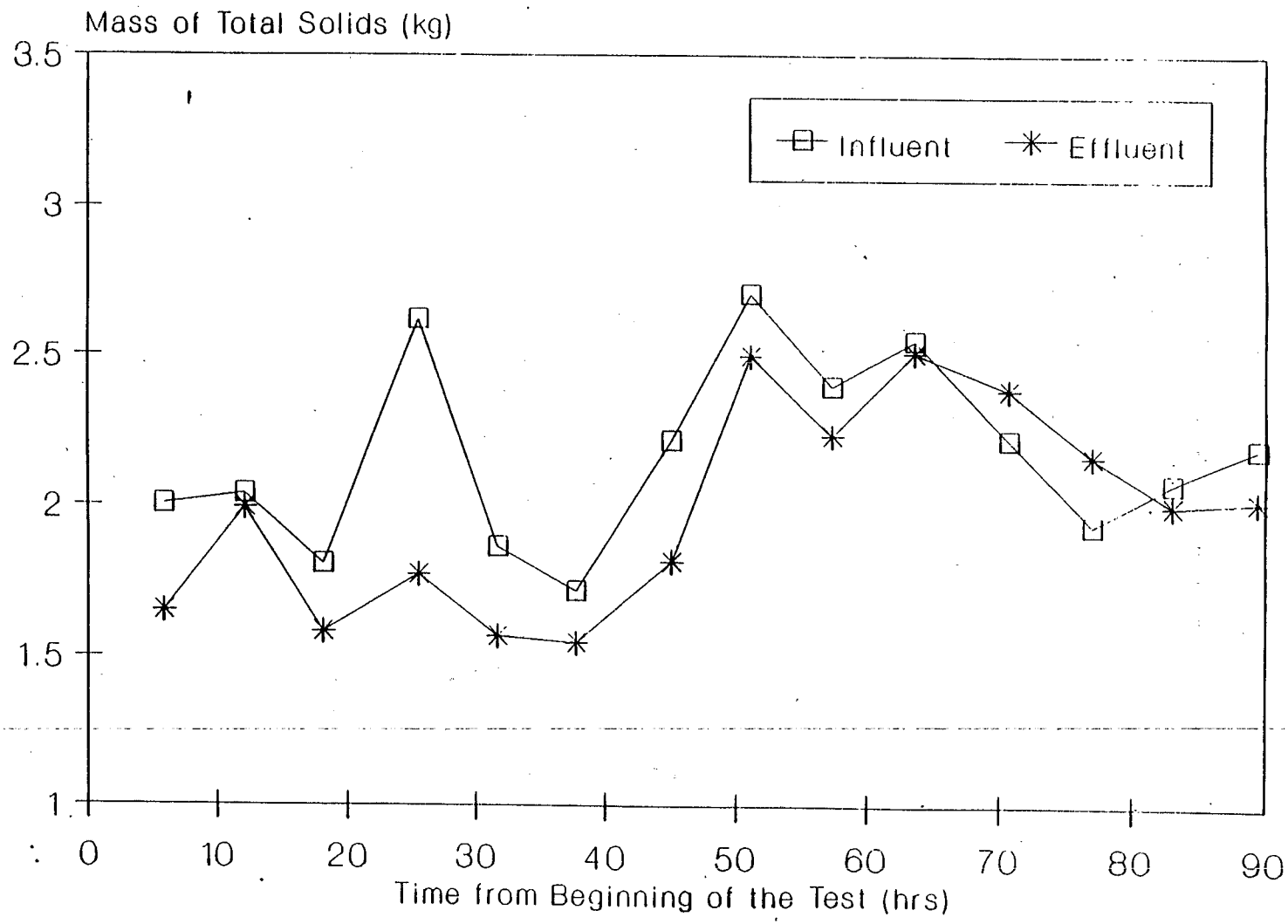
SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Total Organic Carbon	Q
ATSEQB011	8910005	AQUEOUS	mg/L	4.1	J
ATSEQB031	8910005	AQUEOUS	mg/L	23	
ATSEQB051	8910019	AQUEOUS	mg/L	9.8	
ATSEQB071	8910054	AQUEOUS	mg/L	100	
ATSEQB091	8910069	AQUEOUS	mg/L	45	

AQUEOUS TREATMENT SYSTEM - PHASE ONE
CONCENTRATION OF TOTAL SOLIDS



filename TRLCONC date 10/30/90

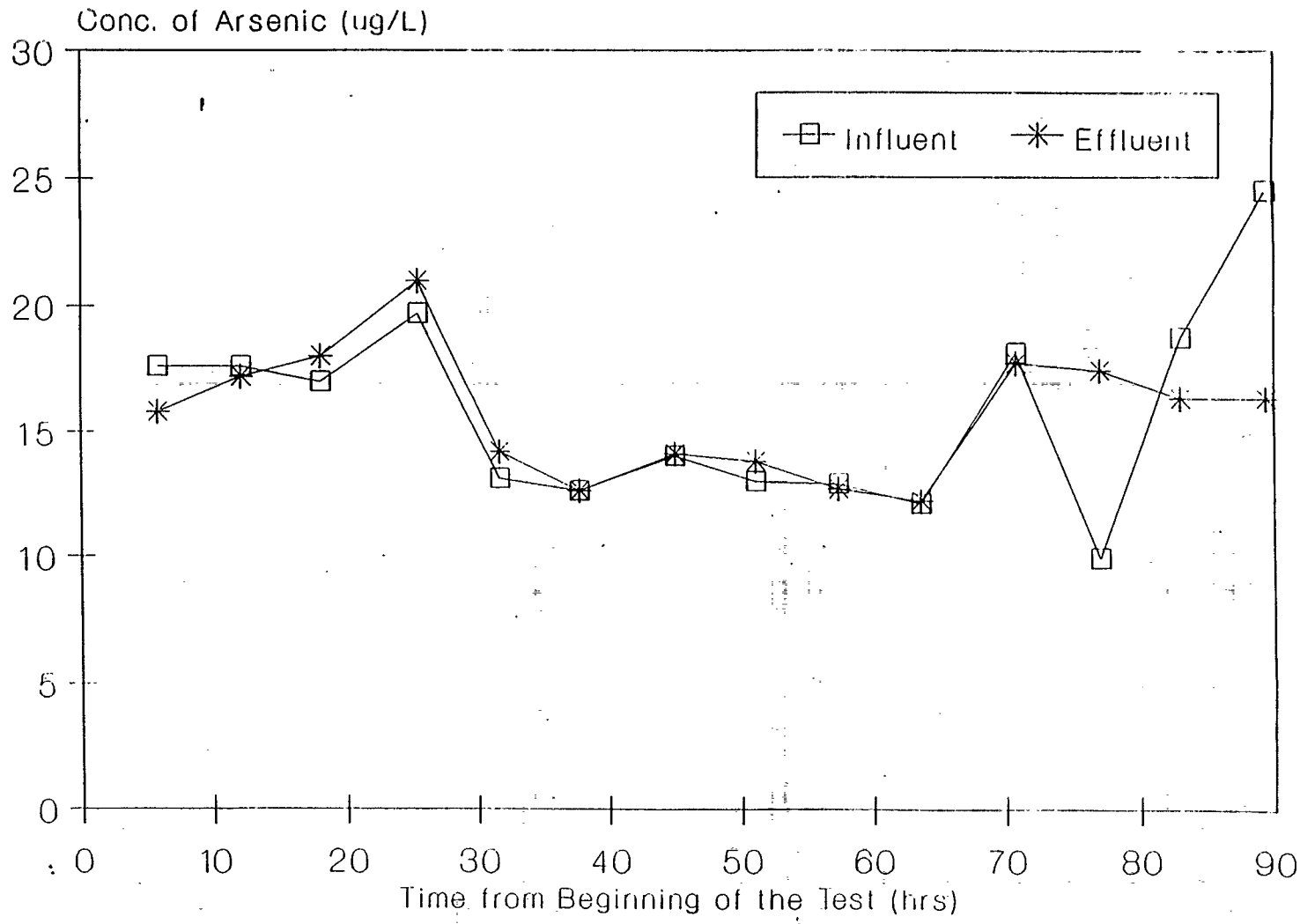
AQUEOUS TREATMENT SYSTEM - PHASE ONE
MASS OF TOTAL SOLIDS



filename TRLMASS date 10/30/90

000565

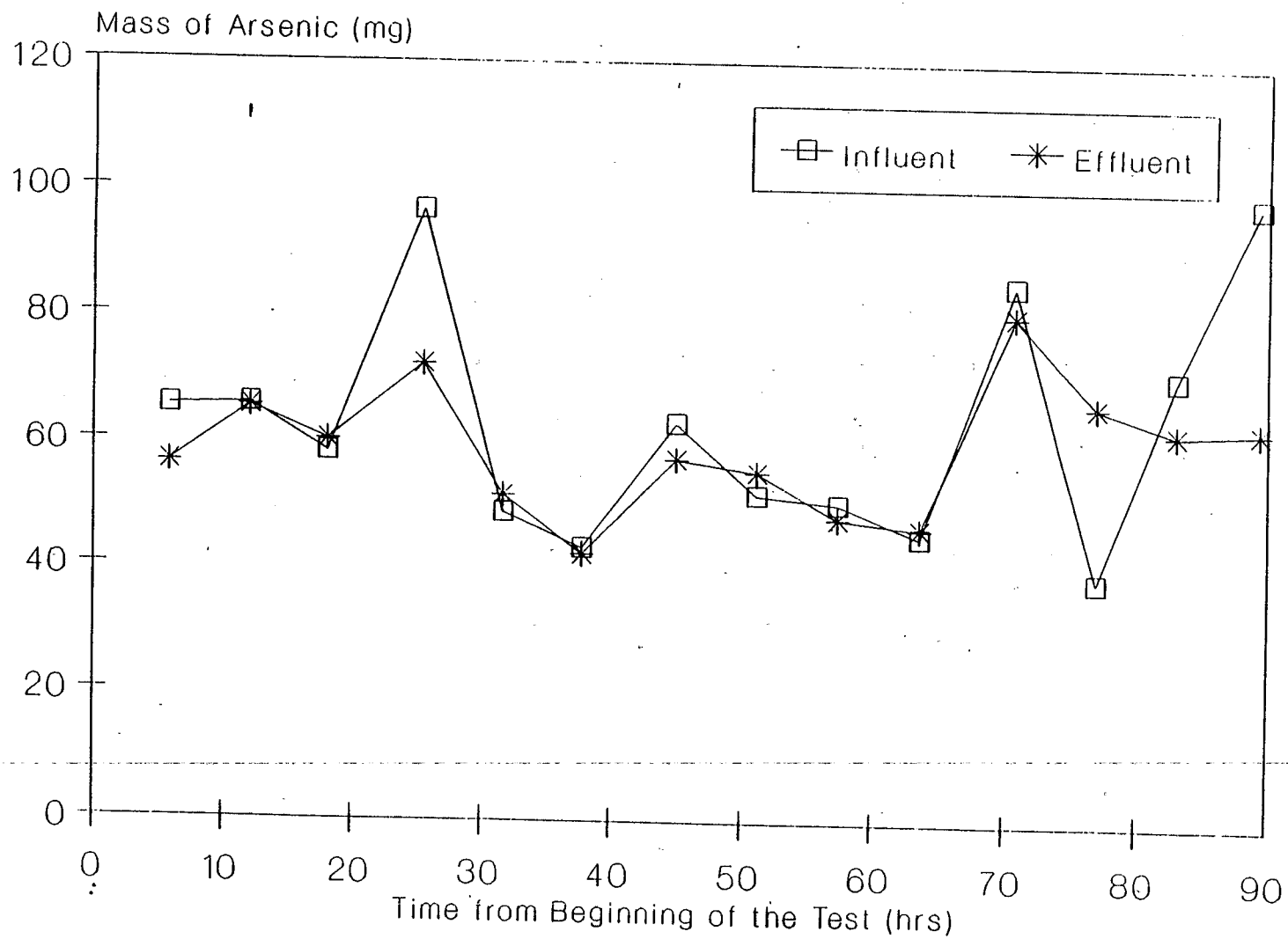
AQULOUS TREATMENT SYSTEM PHASE OFII
CONCENTRATION OF ARSENIC



filename ASCLCONC date 10/30/90

000566

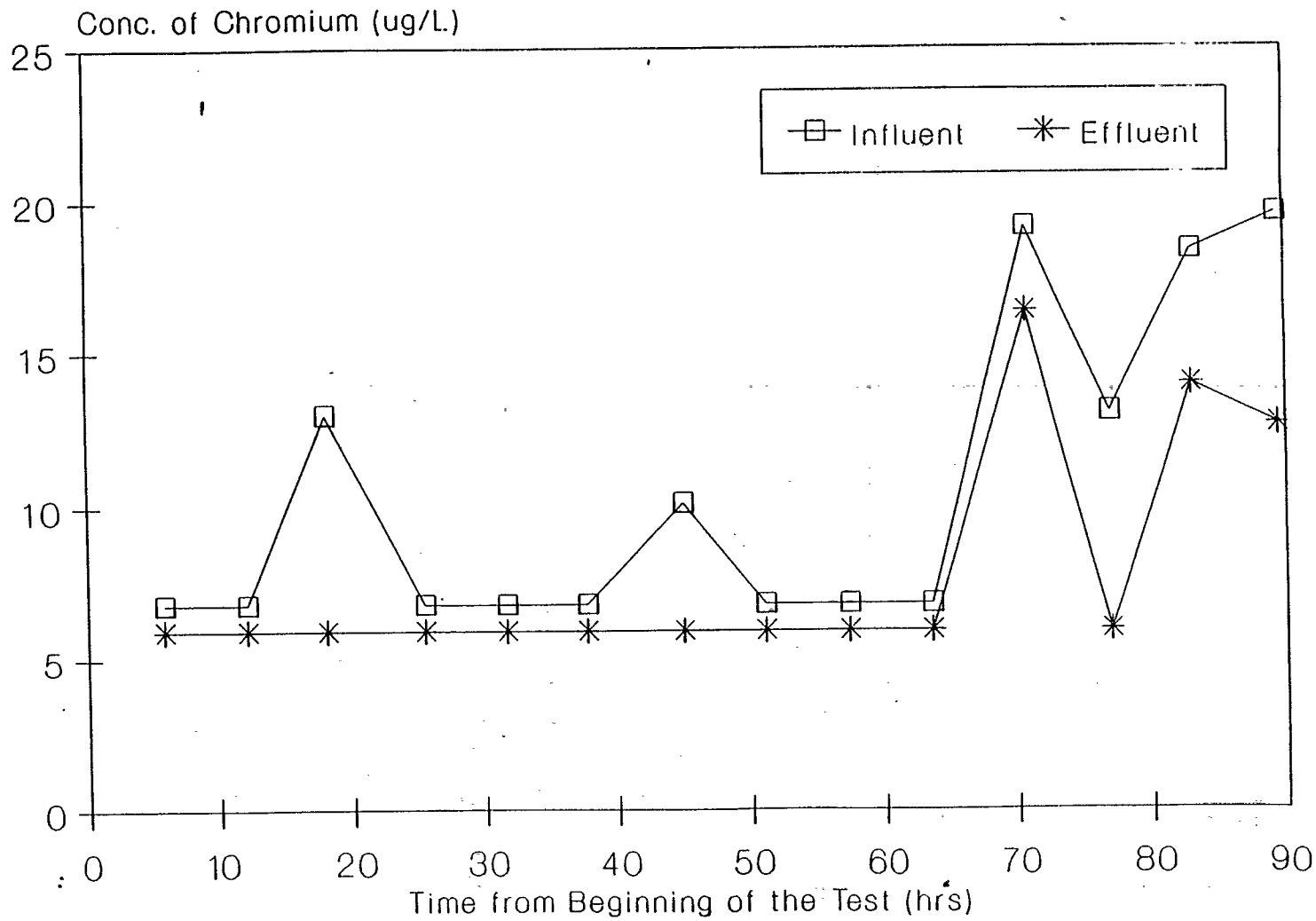
AQUEOUS TREATMENT SYSTEM - PHASE ONE
MASS OF ARSENIC



filename ASCLMASS date. 10/31/90

000567

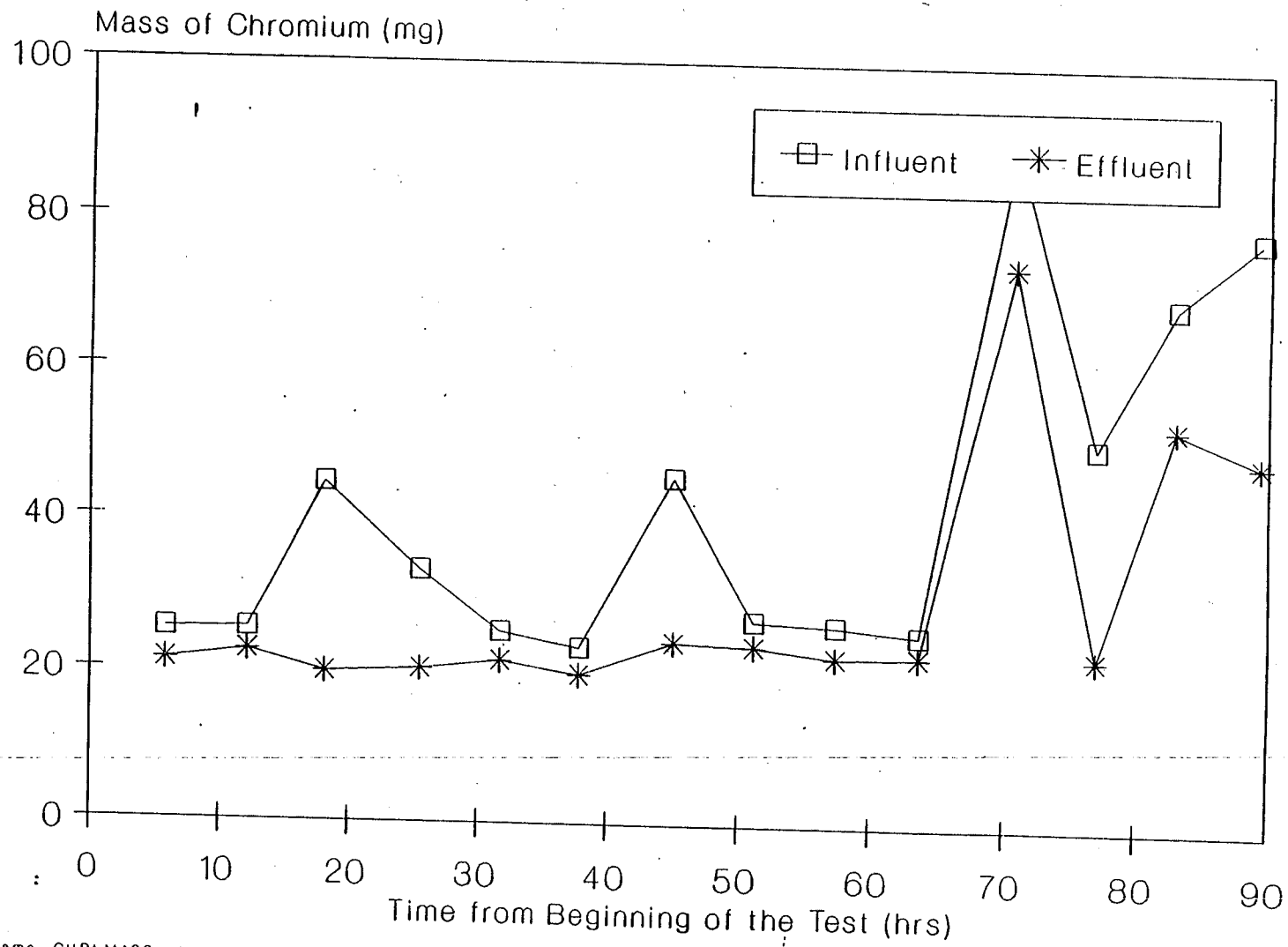
AQUEOUS TREATMENT SYSTEM PHASE OFF
CONCENTRATION OF CHROMIUM



filename: CHRLCONC date: 10/31/90

000568

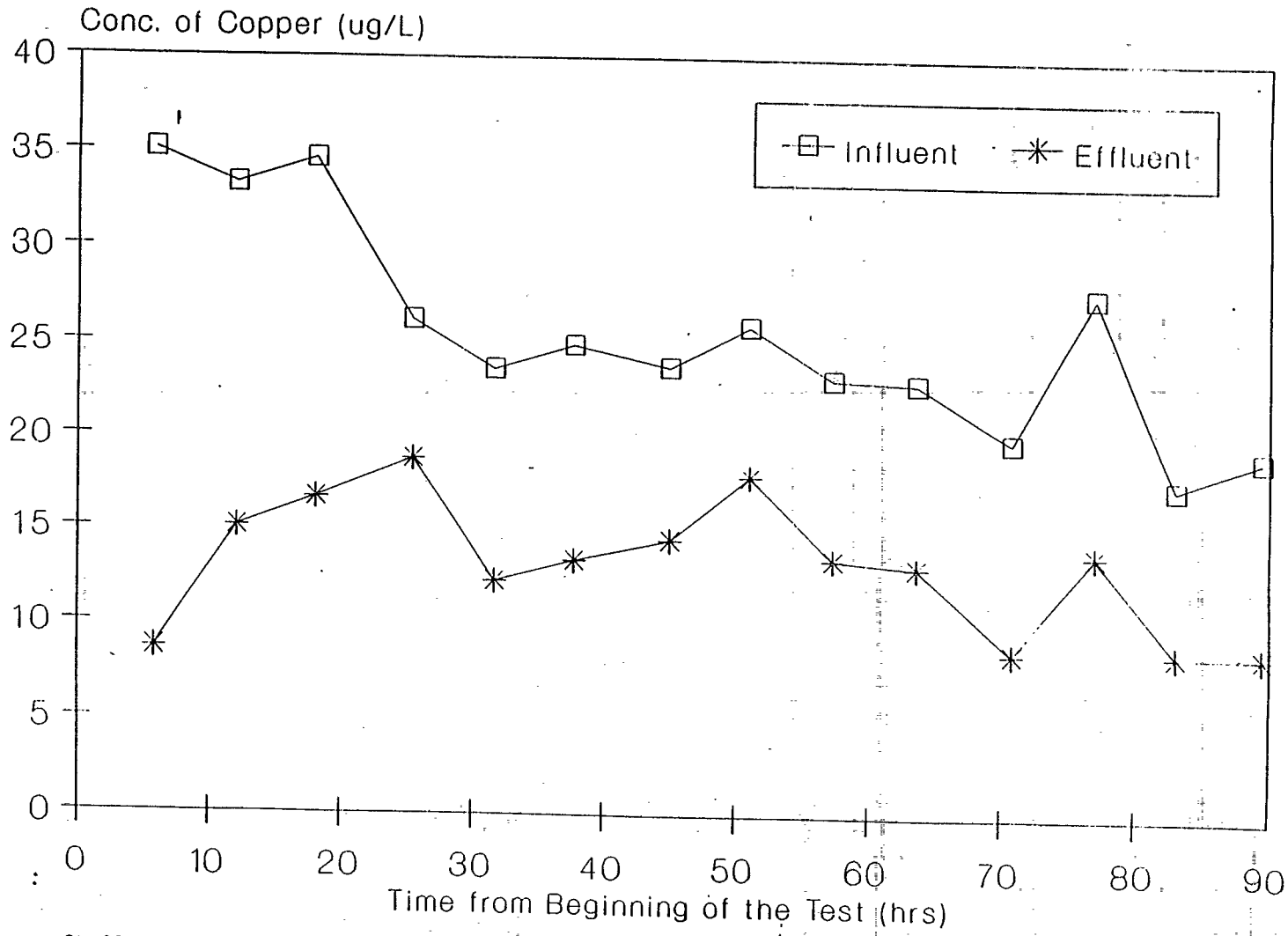
AQUEOUS TREATMENT SYSTEM - PHASE ONE
MASS OF CHROMIUM



filename. CHRLMASS date. 10/31/90

000569

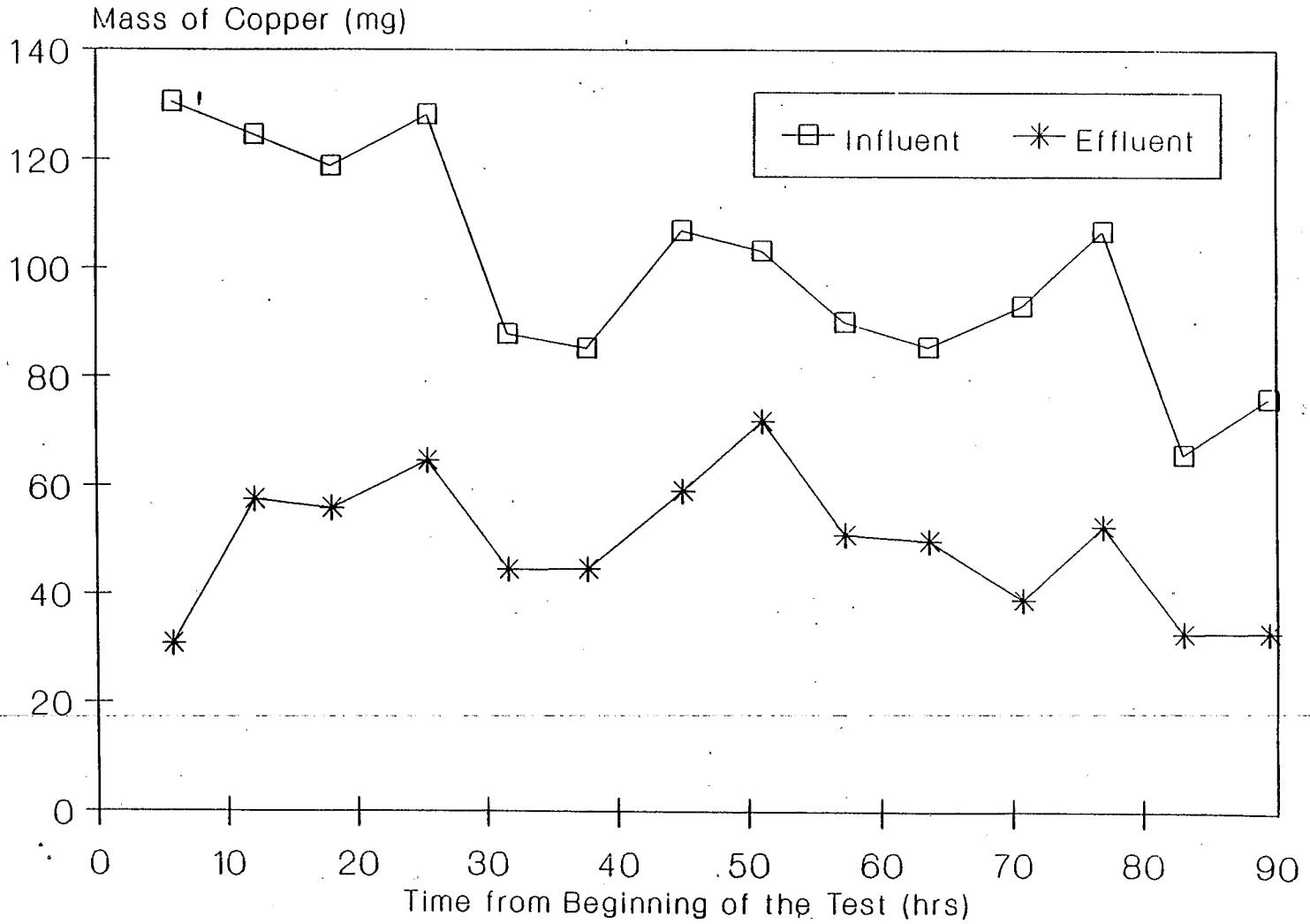
AQUEOUS TREATMENT SYSTEM - PHASE OIII
CONCENTRATION OF COPPER



filename CULCONC date: 10/31/90

000570

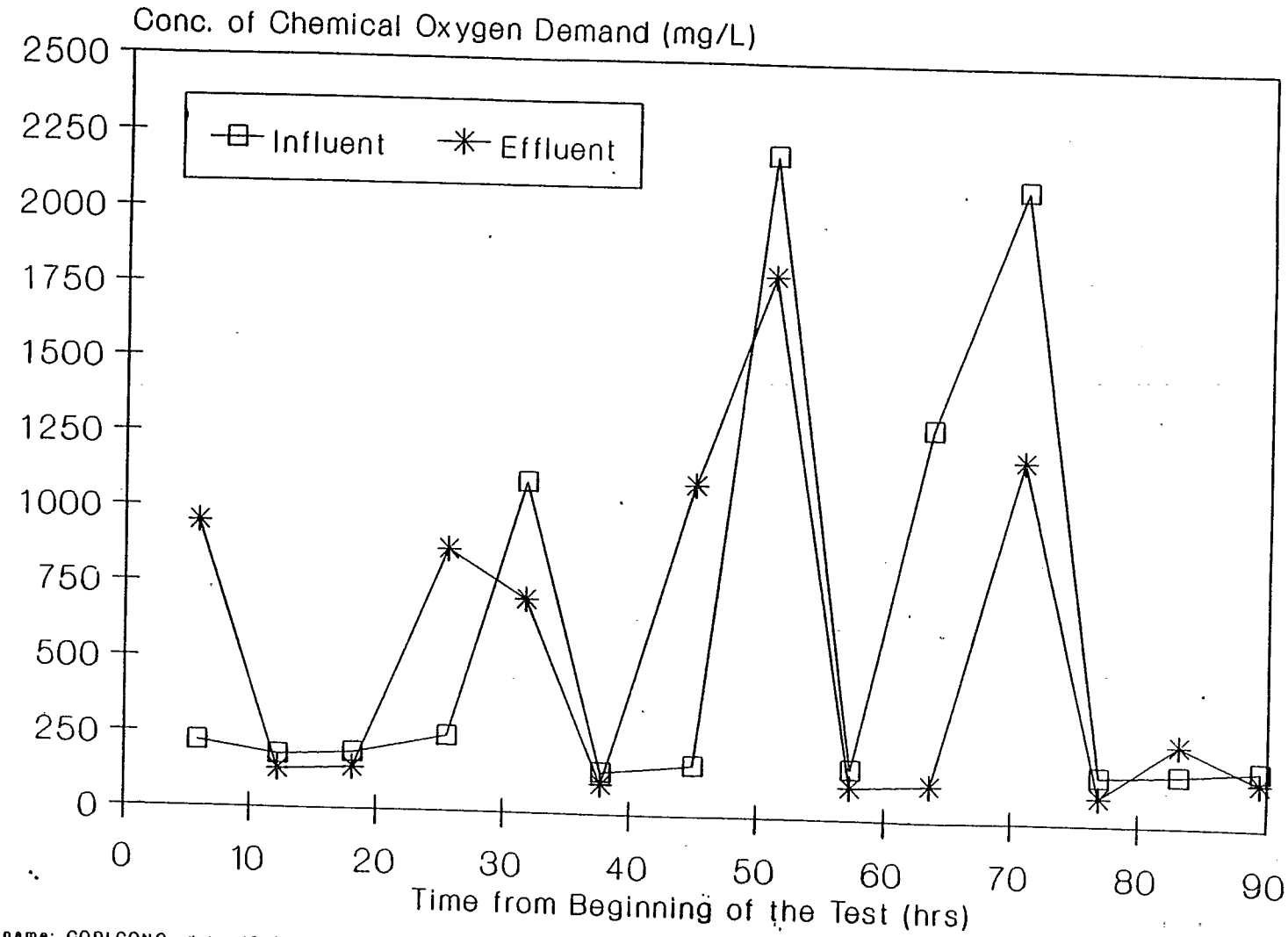
AQUEOUS TREATMENT SYSTEM - PHASE ONE
MASS OF COPPER



filename CULMASS date: 10/31/90

000571

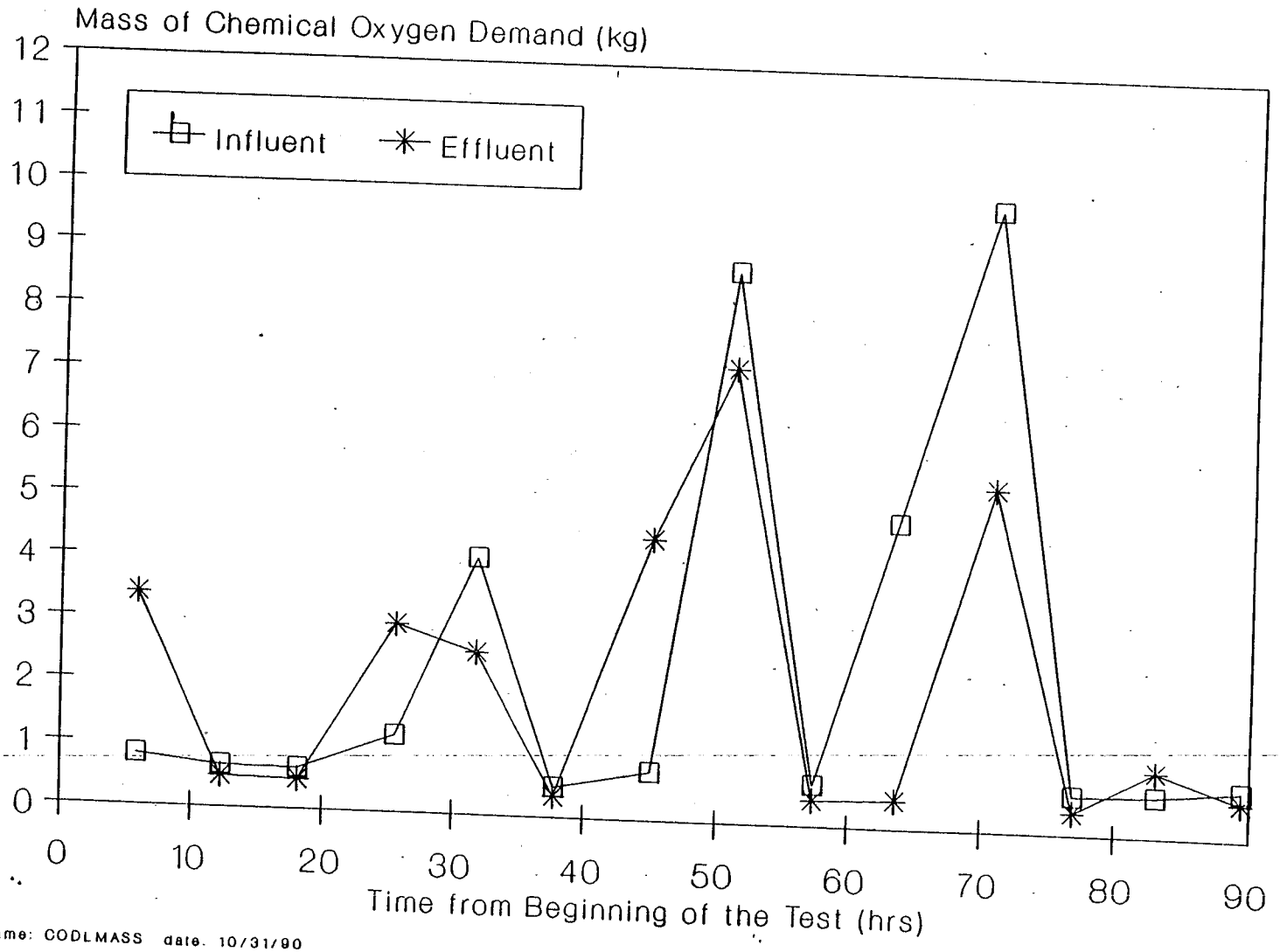
AQUEOUS TREATMENT SYSTEM - PHASE ONE
CONCENTRATION OF CHEMICAL OXYGEN DEMAND



filename: CODLCONC date: 10/31/90

000572

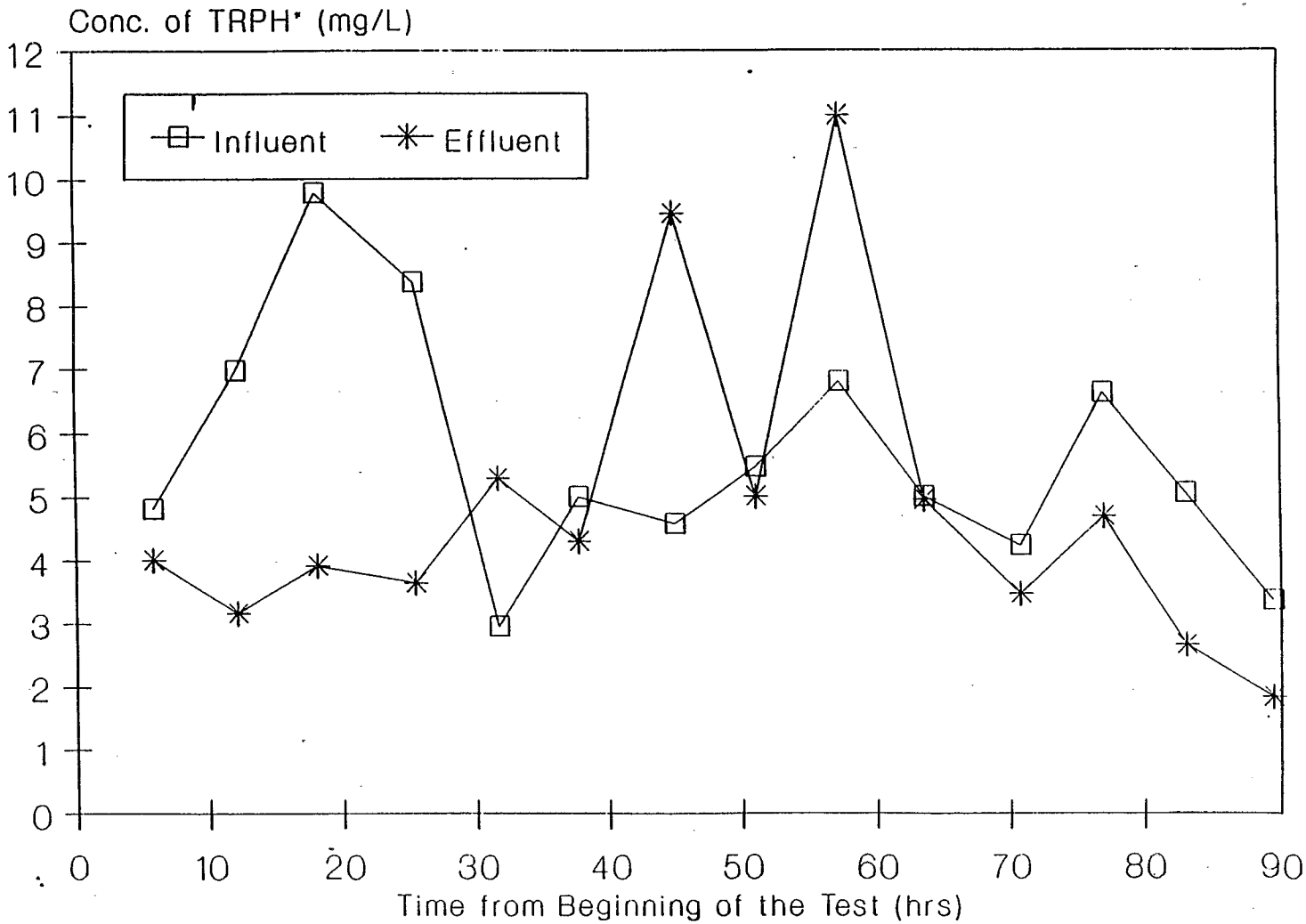
AQUEOUS TREATMENT SYSTEM - PHASE ONE
MASS OF CHEMICAL OXYGEN DEMAND



filename: CODLMASS date: 10/31/90

000573

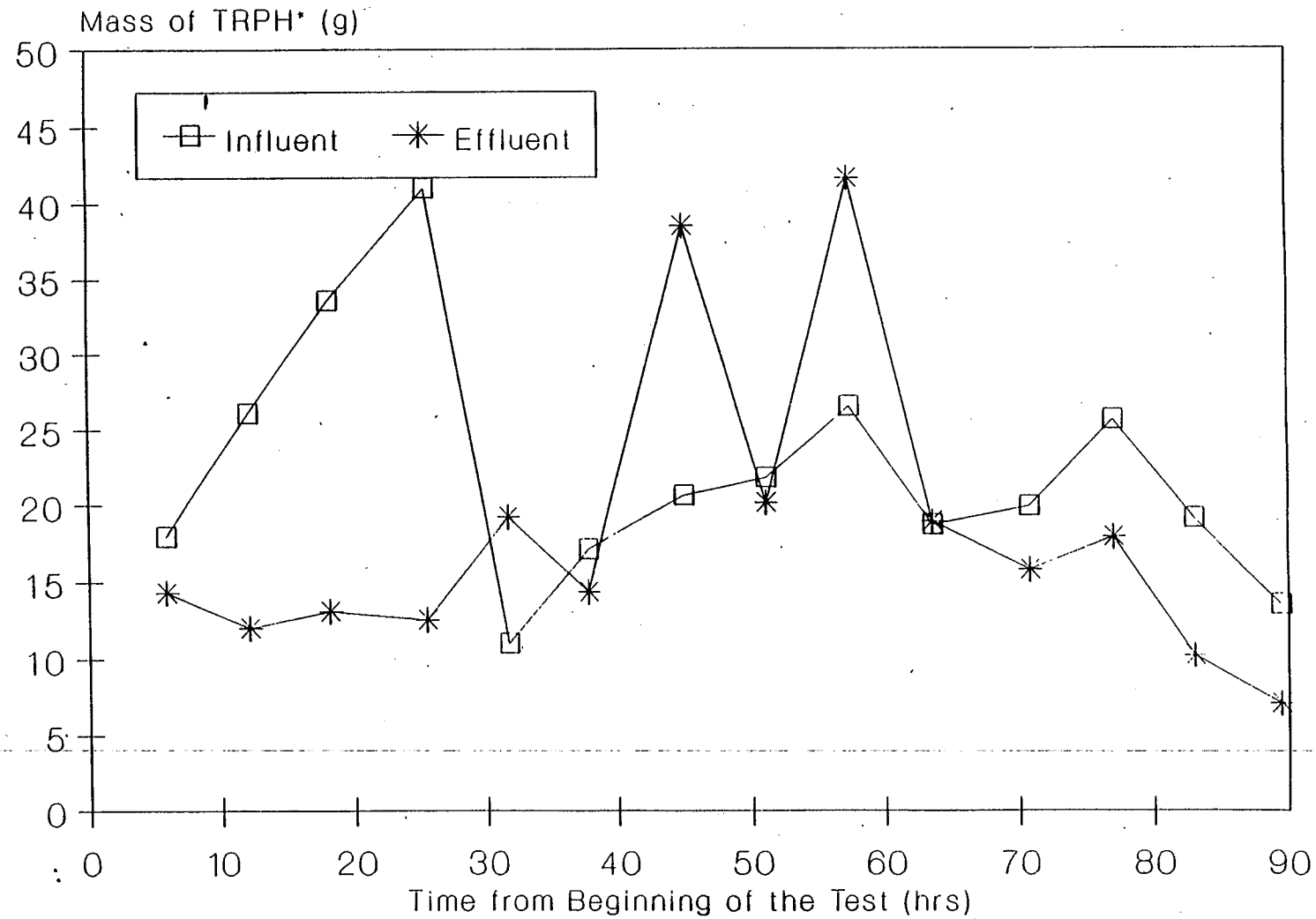
AQUEOUS TREATMENT SYSTEM - PHASE ONE
CONCENTRATION OF TRPH*



filename TPHLCONC date:10/31/90

* Total Recoverable Petroleum Hydrocarbons

AQUEOUS TREATMENT SYSTEM - PHASE ONE
MASS OF TRPH*

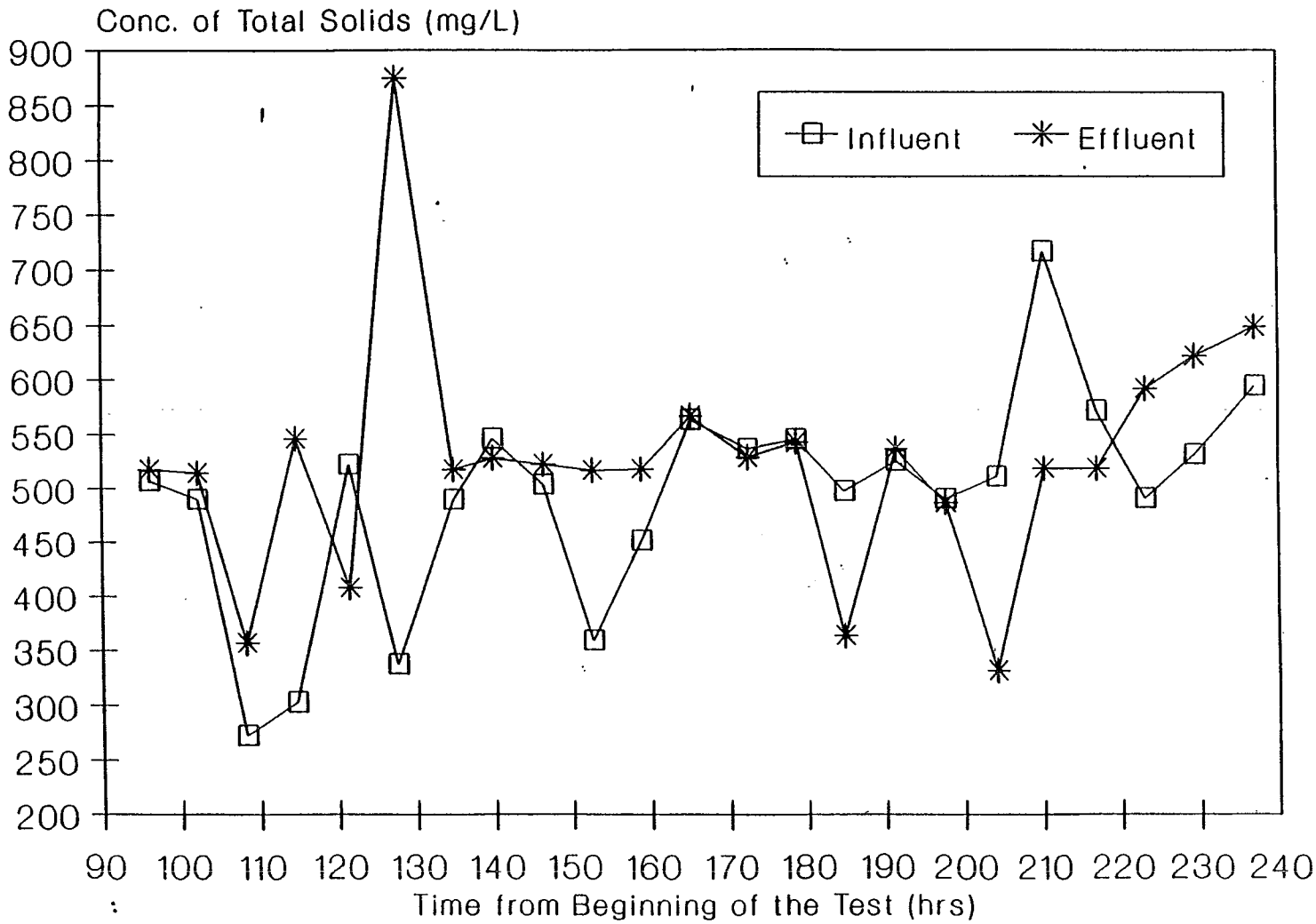


filename: TPHLMASS date: 10/31/90

* Total Recoverable Petroleum Hydrocarbons

000575

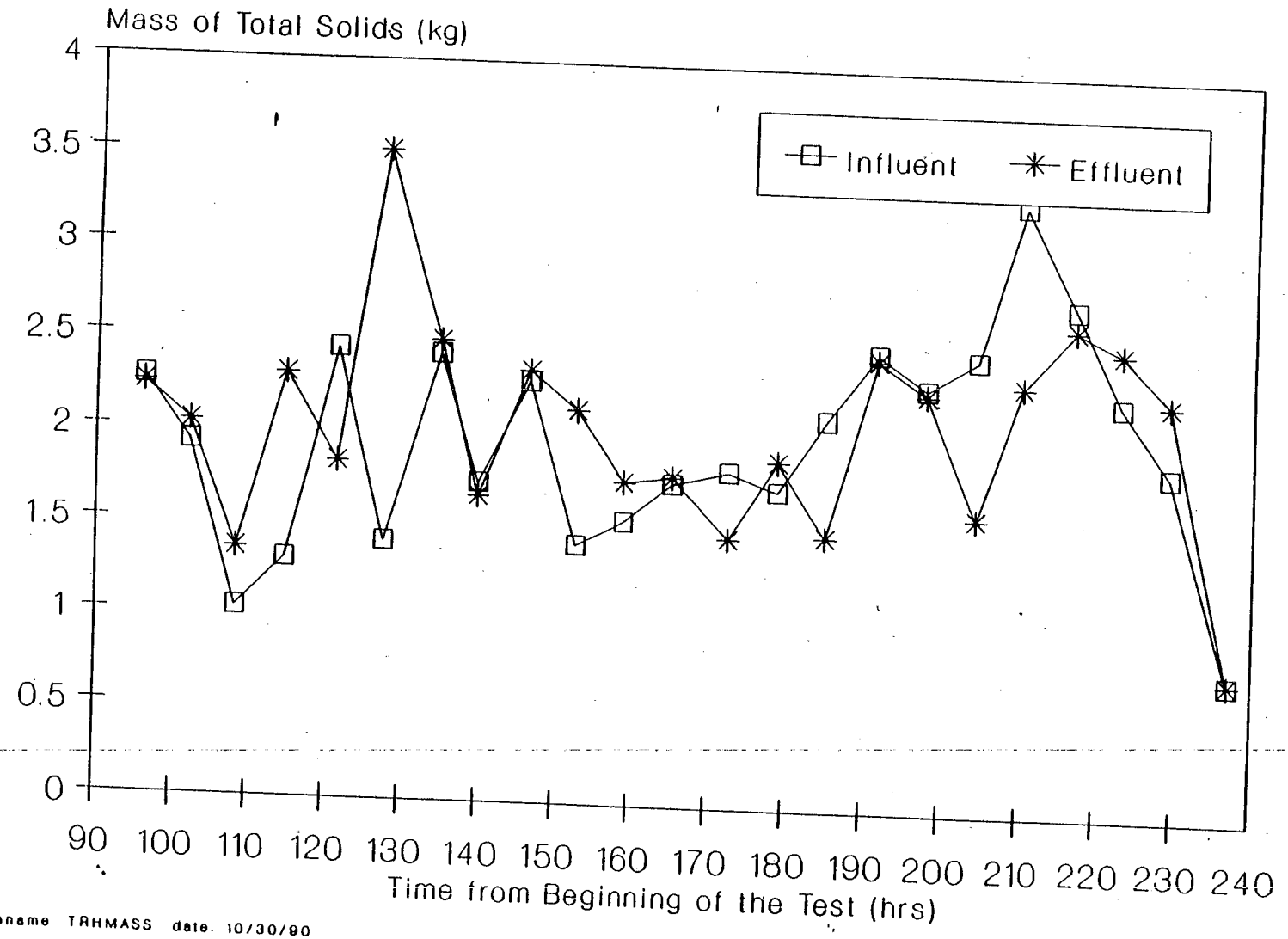
AQUEOUS TREATMENT SYSTEM - PHASE TWO
CONCENTRATION OF TOTAL SOLIDS



filename TRHCONC date: 10/30/90

0005976

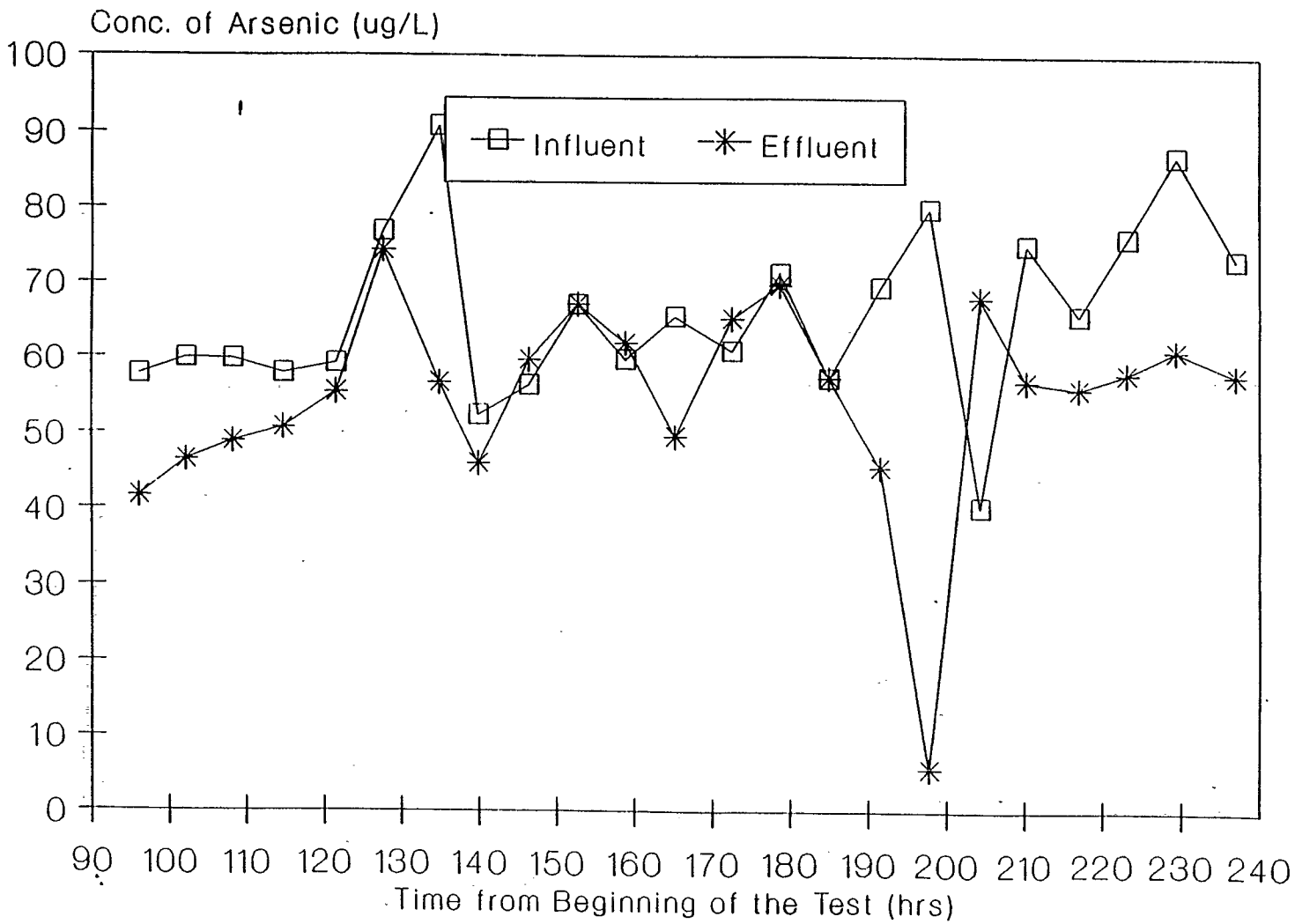
AQUEOUS TREATMENT SYSTEM - PHASE TWO
MASS OF TOTAL SOLIDS



filename TRHMASS date. 10/30/90

000577

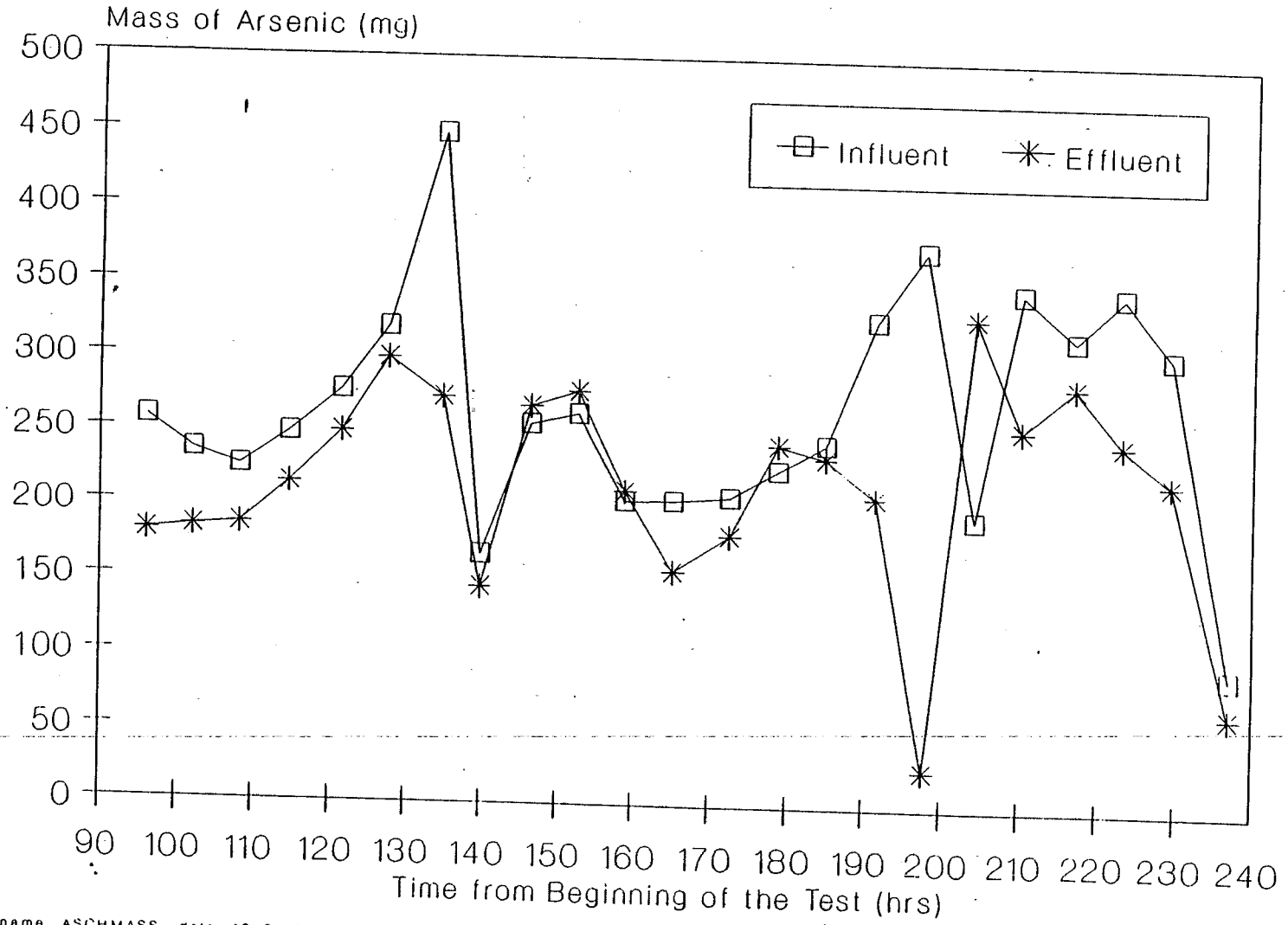
AQUEOUS TREATMENT SYSTEM - PHASE TWO
CONCENTRATION OF ARSENIC



filename ASCHCONC date. 10/31/90

000578

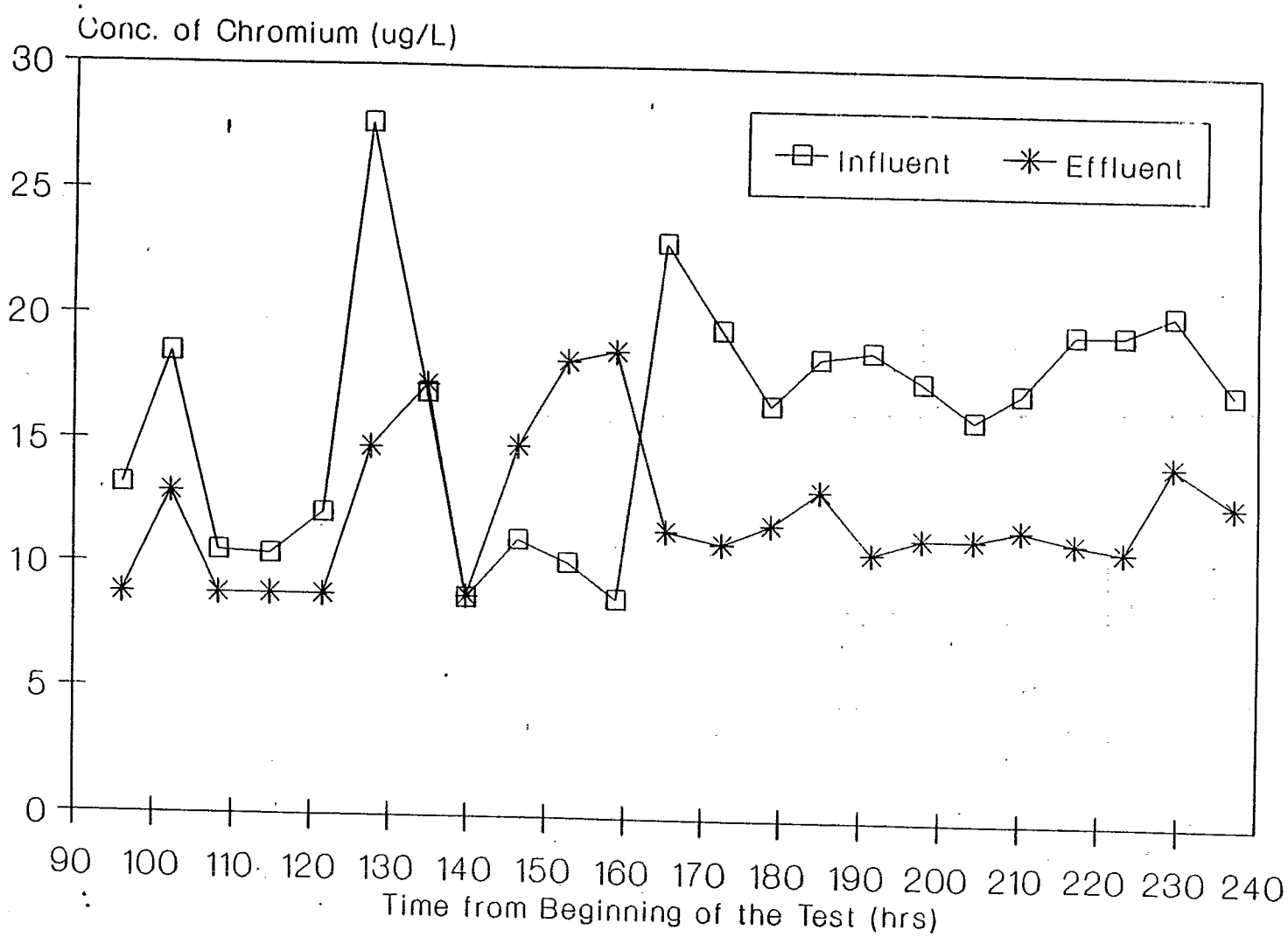
AQUEOUS TREATMENT SYSTEM - PHASE TWO
MASS OF ARSENIC



filename ASCHMASS date: 10/31/90

000579

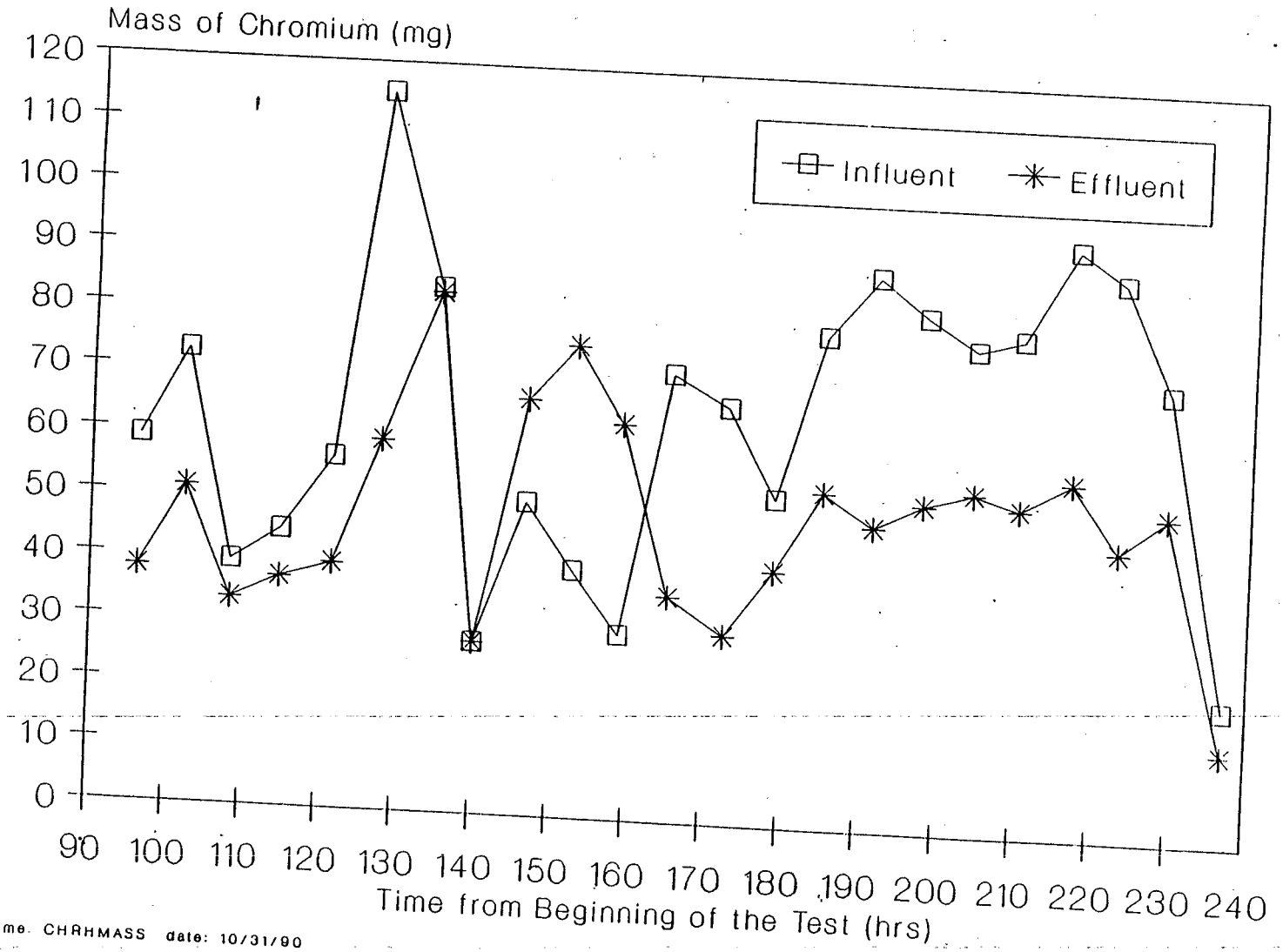
AQUEOUS TREATMENT SYSTEM - PHASE TWO
CONCENTRATION OF CHROMIUM



filename: CHRHCONC date: 10/31/90

000580

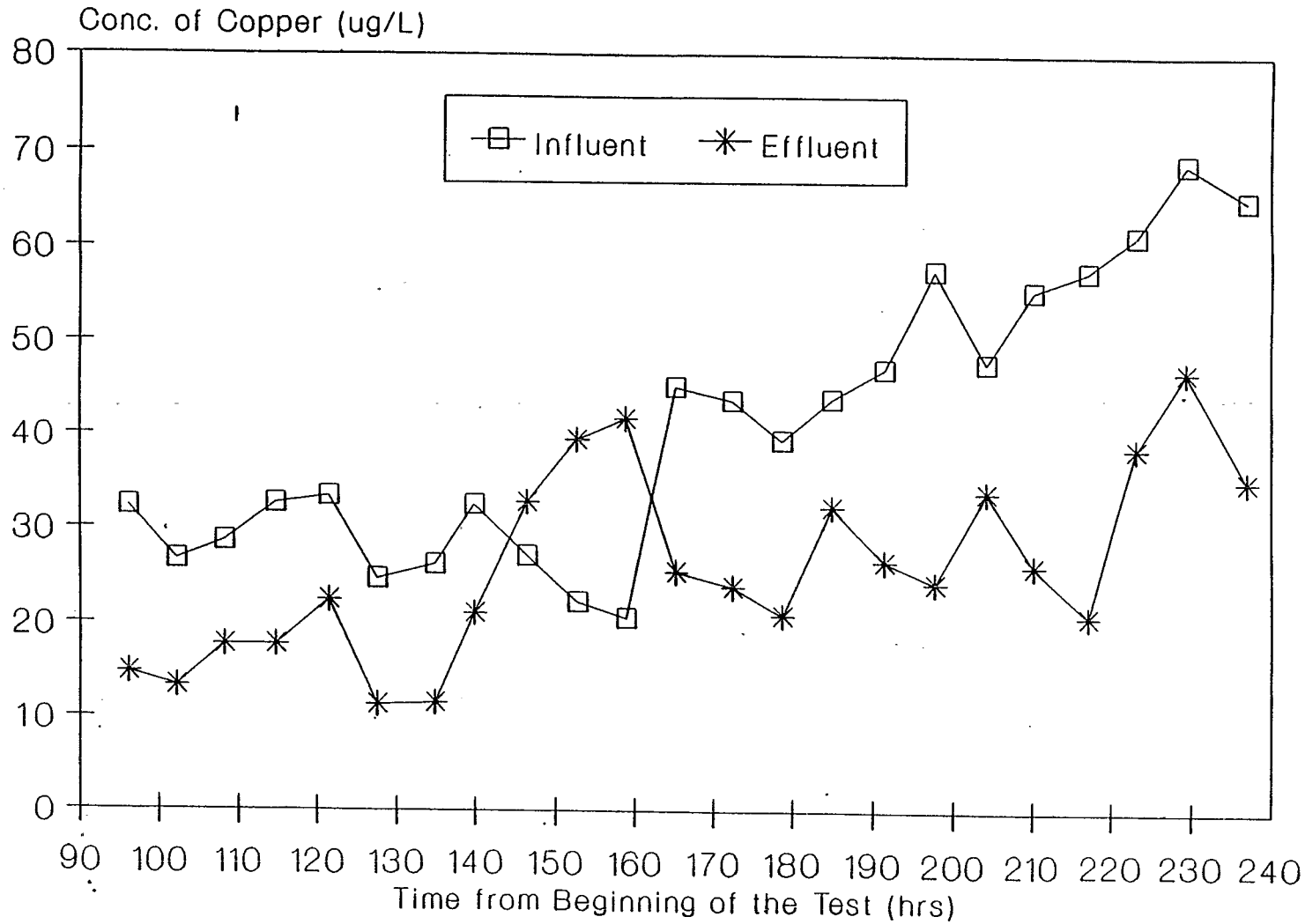
AQUEOUS TREATMENT SYSTEM - PHASE TWO
MASS OF CHROMIUM



filename: CHRHMASS date: 10/31/90

000581

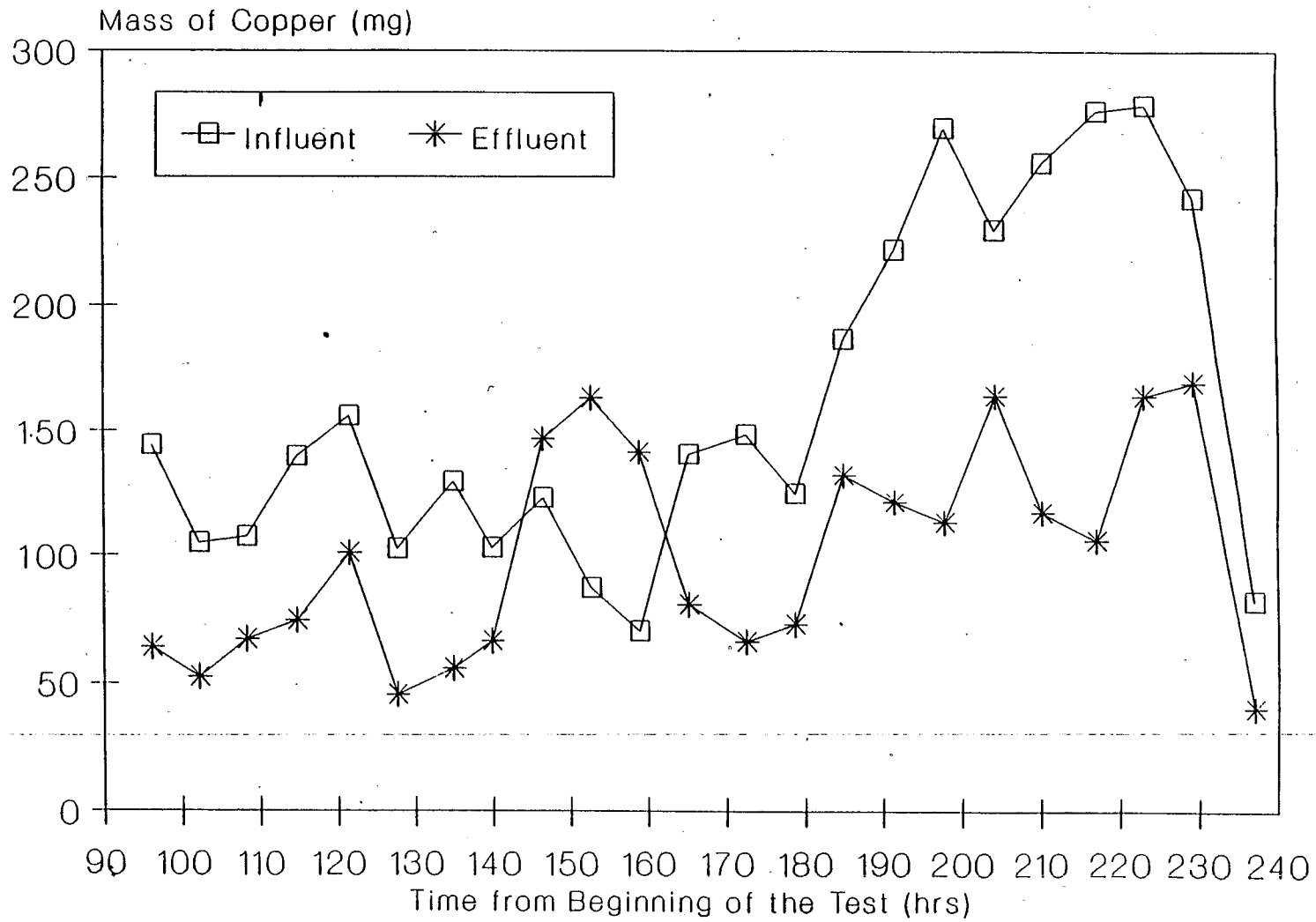
AQUEOUS TREATMENT SYSTEM - PHASE TWO
CONCENTRATION OF COPPER



filename: CUHCONC date: 10/31/90

000582

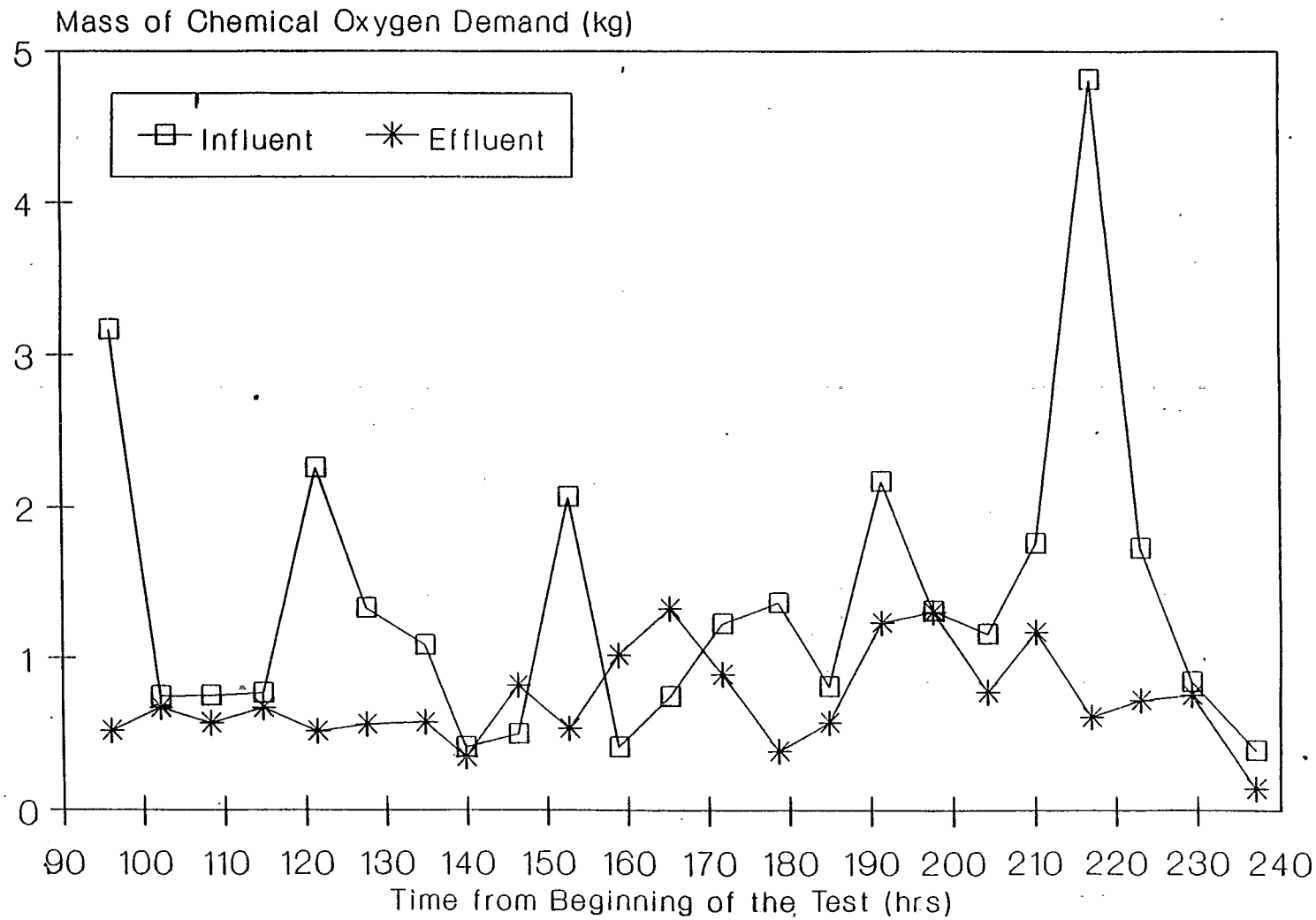
AQUEOUS TREATMENT SYSTEM - PHASE TWO
MASS OF COPPER



filename: CUHMASS date: 10/31/90

000583

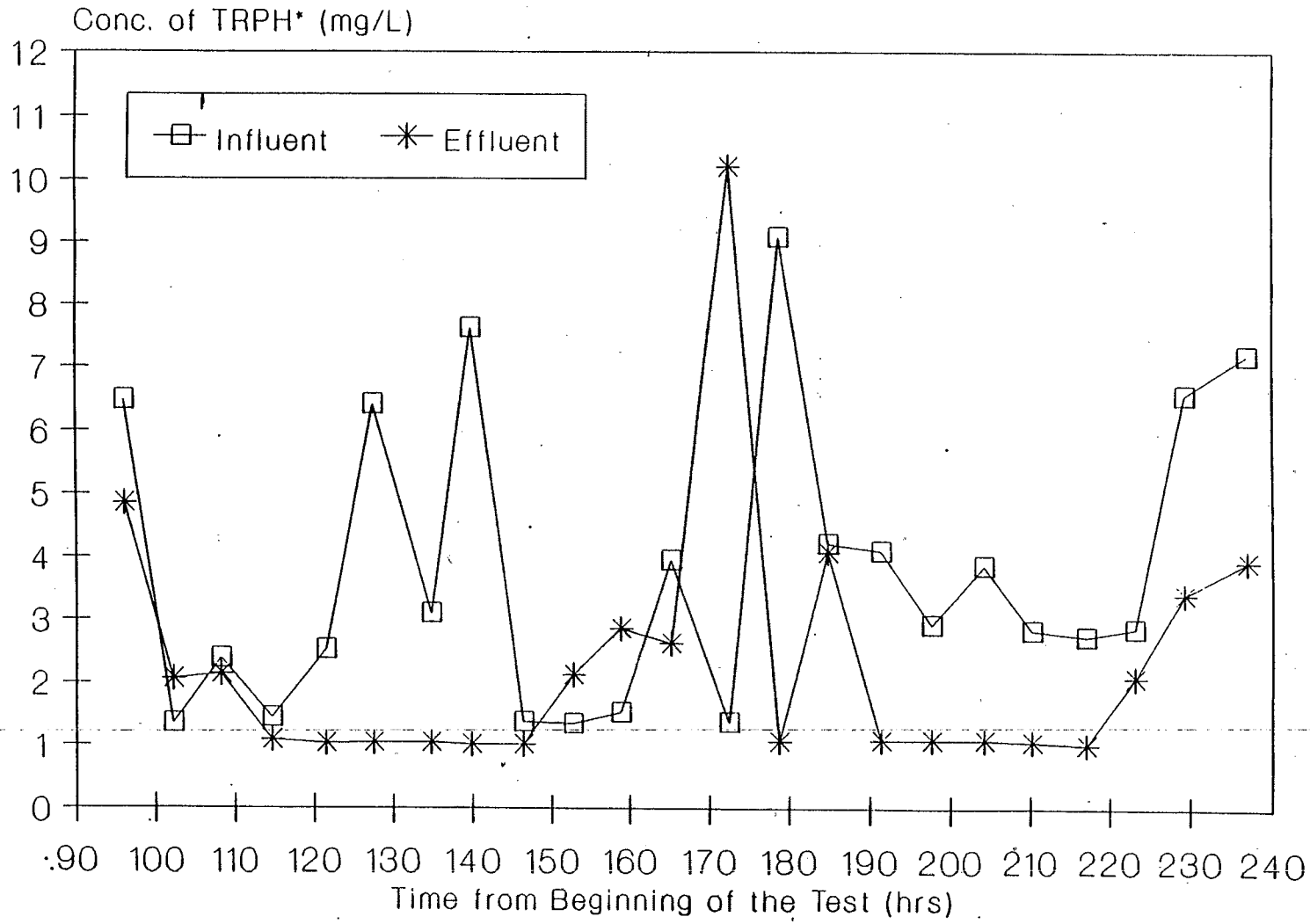
AQUEOUS TREATMENT SYSTEM - PHASE TWO
MASS OF CHEMICAL OXYGEN DEMAND



filename: CODHMASS date:11/01/90

000584

AQUEOUS TREATMENT SYSTEM - PHASE TWO
CONCENTRATION OF TRPH*

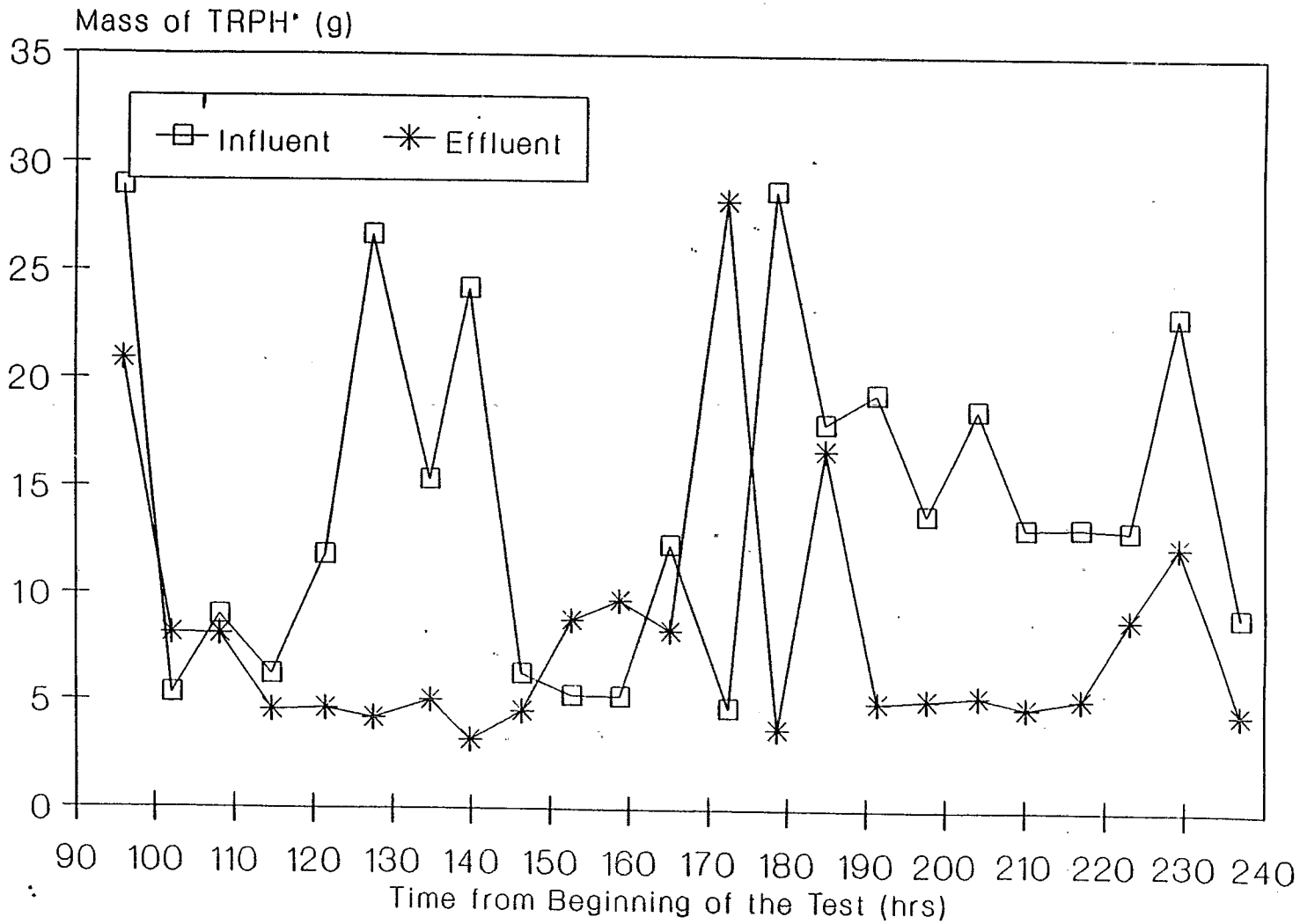


filename: TPHHCONC date: 11/01/90

* Total Recoverable Petroleum Hydrocarbons

000585

AQUEOUS TREATMENT SYSTEM - PHASE IWO
MASS OF TRPH*

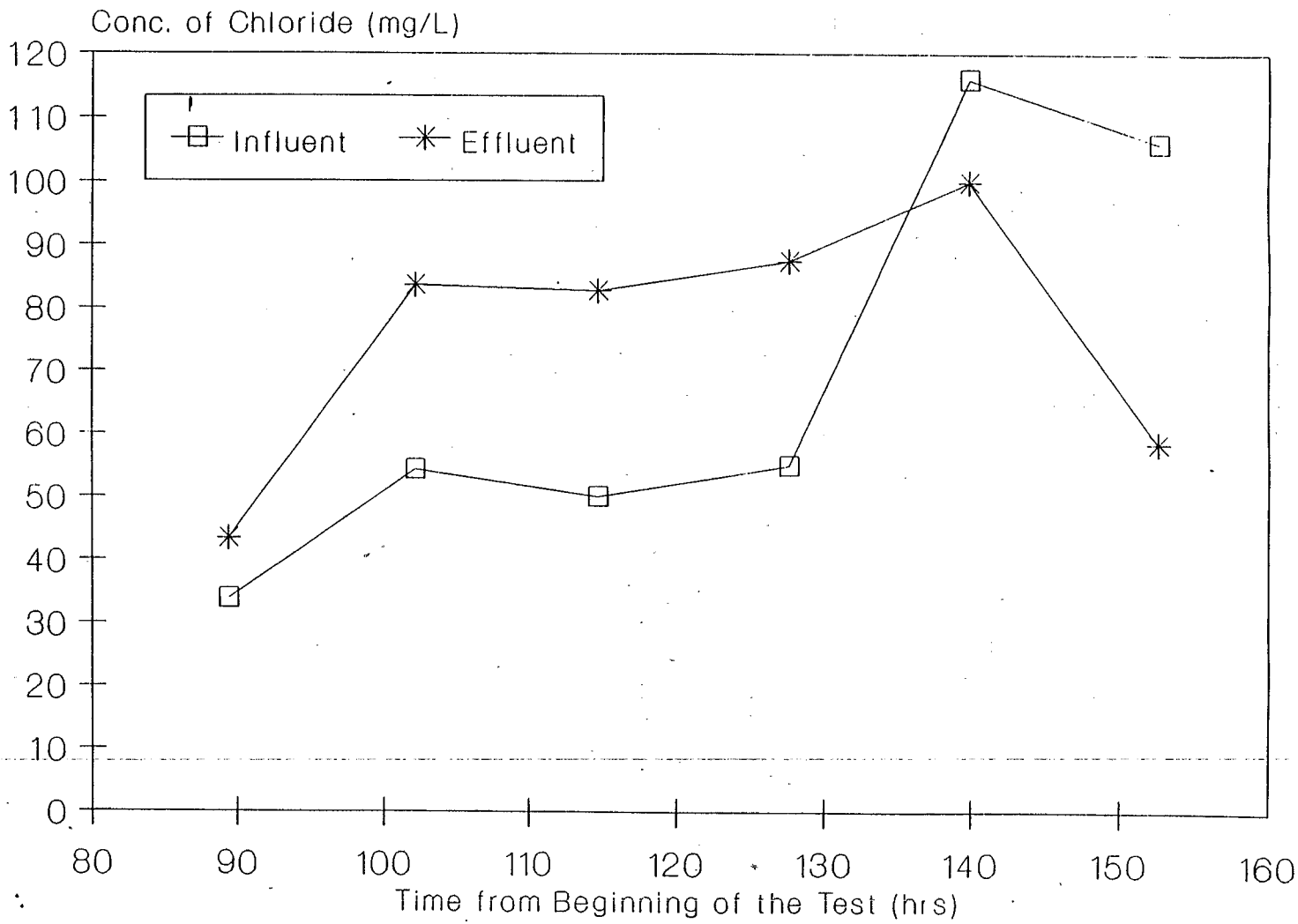


filename: TPHHMASS date: 11/01/90

* Total Recoverable Petroleum Hydrocarbons

000586

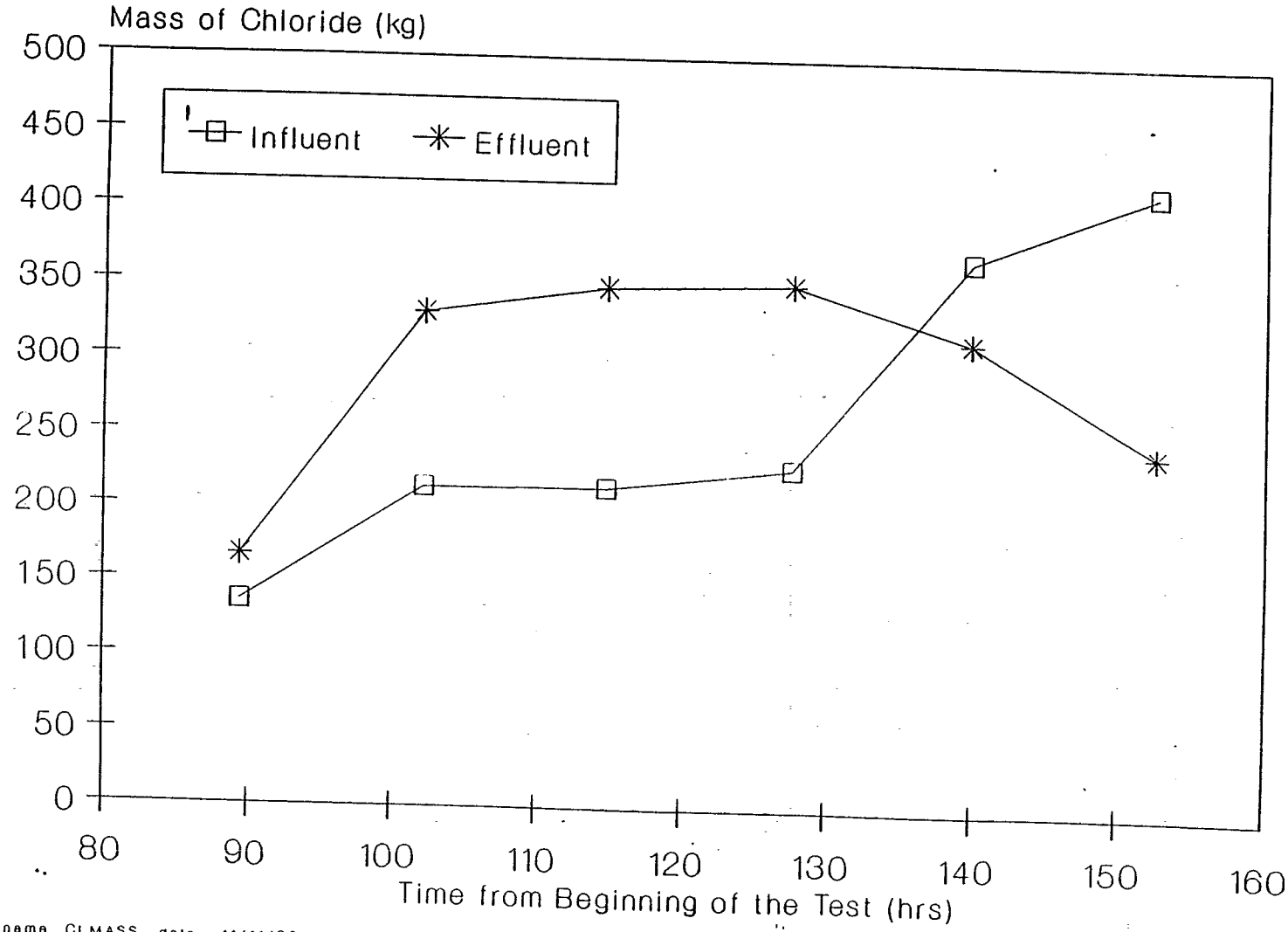
AQUEOUS TREATMENT SYSTEM
CONCENTRATION OF CHLORIDE



filename CLCONC date 11/11/90

000587

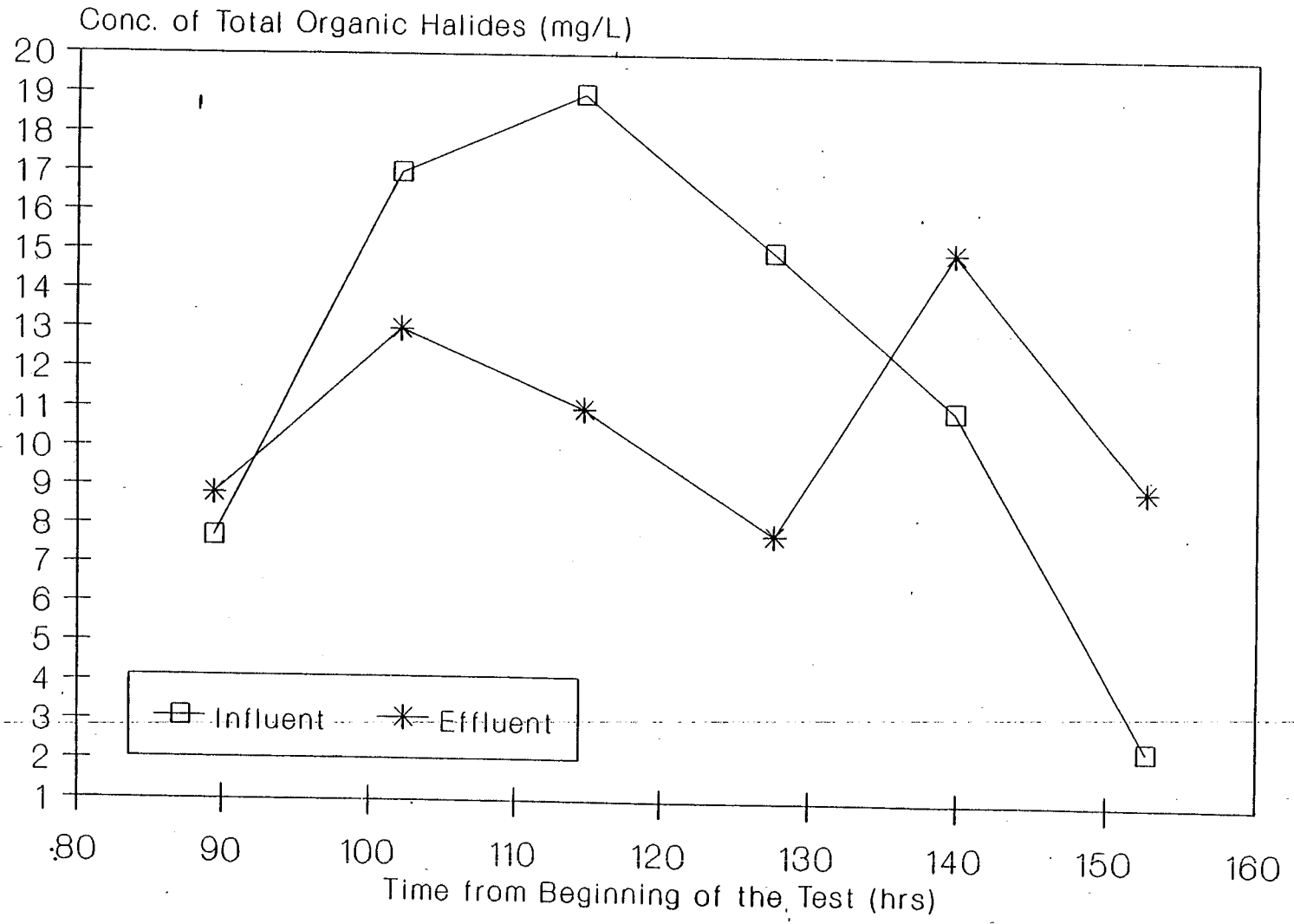
AQUEOUS TREATMENT SYSTEM
MASS OF CHLORIDE



filename CLMASS date: 11/11/90

000588

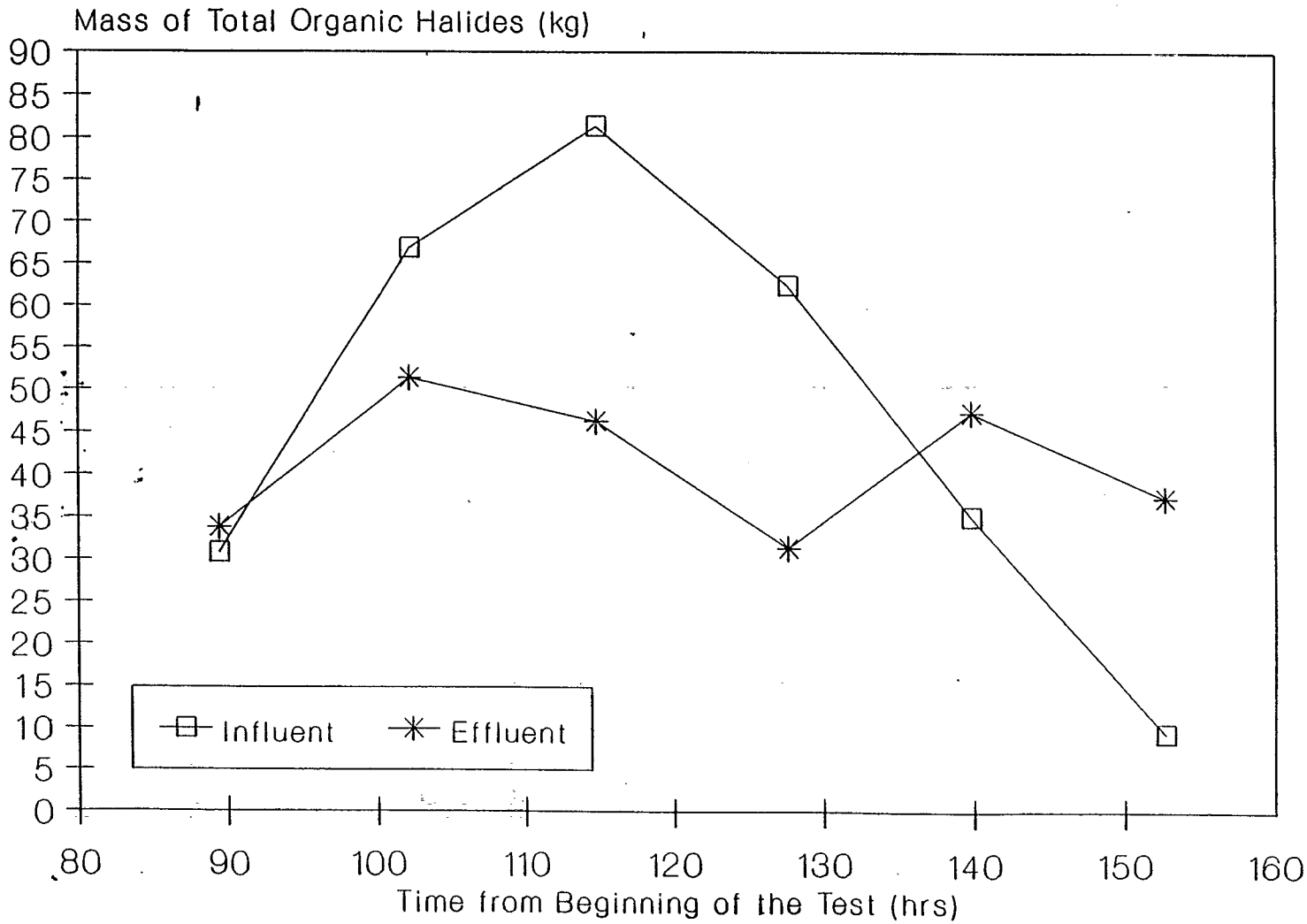
AQUEOUS TREATMENT SYSTEM
CONCENTRATION OF TOTAL ORGANIC HALIDES



filename TOXCONC date: 11/11/90

000589

AQUEOUS TREATMENT SYSTEM
MASS OF TOTAL ORGANIC HALIDES



filename: TOXMASS date: 11/11/90

000590

FIELD MEASUREMENTS

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST
INFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Influent Flow Rate*** (L/min)	Comments
Time Zero+		0.0					
09/26/89	20:51	1.9	#2	5.589	22295		
	23:22	4.5	#2	5.224	20672	10.75	
09/27/89	00:36	5.7	#2	5.068	19960	9.62	
	02:34	7.7	#2	4.800	18721	10.50	
	04:26	9.5	#2	4.568	17634	9.71	
	07:04	12.2	#2	4.245	16106	9.67	
	11:24	16.5	#2	3.724	13631	9.52	
	12:29	17.6	#2	3.599	13038	9.11	
	12:52	18.0	#1	7.260	28499		
	16:30	21.6	#1	6.844	27222	12.17	This measurement is corrected because the ATS had
	19:02	24.1	#1	6.375	25535	11.10	no feed from 12:53 to 14:46 on 9/27/89.
	22:28	27.6	#1	5.875	23523	9.77	
09/28/89	00:56	30.0	#1	5.531	22044	9.99	
	02:30	31.6	#1	5.333	21165	9.35	
	04:23	33.5	#1	5.104	20127	9.19	
	06:29	35.6	#1	4.854	18974	9.15	
	10:50	39.9	#1	4.396	16822	8.25	This measurement is corrected because the ATS had
	13:23	42.5	#1	4.042	15141	10.99	no feed from 8:50 to 9:40 on 9/28/89.
	15:47	44.9	#1	3.750	13754	9.63	
	18:15	47.3	#1	3.396	12080	11.31	
	20:47	49.9	#1	3.031	10380	11.18	
	22:41	51.8	#1	2.760	9142	10.86	

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

*** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: INFLWONE

DATE: NOV. 1, 1990

000592

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST
INFLUENT FLOW RATE

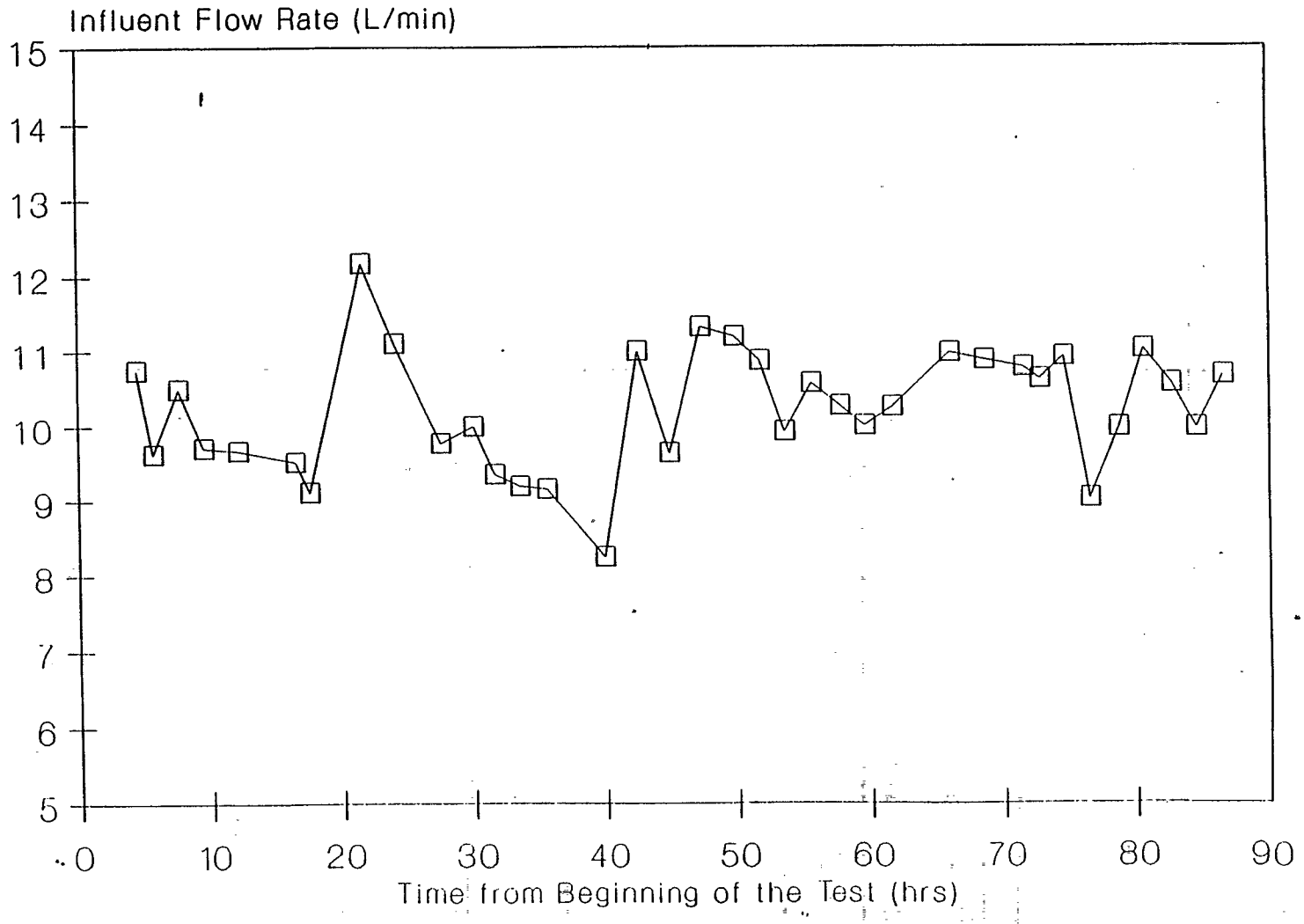
Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Influent Flow Rate*** (L/min)	Comments
09/29/89	00:29	53.6	#1	2.521	8071	9.92	
	02:29	55.6	#1	2.229	6803	10.56	
	04:40	57.8	#1	1.906	5459	10.26	
	06:31	59.6	#1	1.625	4350	9.99	
	08:34	61.7	#1	1.281	3090	10.24	
	11:25	64.5	#2	4.495	17290		
	12:55	66.0	#2	4.286	16304	10.96	
	15:30	68.6	#2	3.932	14620	10.86	
	18:29	71.6	#2	3.526	12693	10.77	
	19:43	72.8	#2	3.359	11908	10.61	
	21:30	74.6	#2	3.109	10742	10.91	
	23:27	76.5	#2	2.880	9687	9.02	
09/30/89	01:39	78.7	#2	2.589	8371	9.97	
	03:31	80.6	#2	2.307	7138	11.01	
	05:40	82.8	#2	1.984	5778	10.55	
	07:29	84.6	#2	1.714	4692	9.96	
	09:30	86.6	#2	1.370	3404	10.65	
					Mean:	10.2	
					Standard Deviation:	0.80	
					Coefficient of Variation:	7.8	

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.
** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.
*** Flow rate is calculated by the change in volume for an interval of time.
\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: INFLWONE

DATE: NOV. 1, 1990

AQUEOUS TREATMENT SYSTEM - PHASE ONE
INFLUENT FLOW RATE



filename INFLWRTL date 11/02/90

000594

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST

EFFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Effluent Flow Rate*** (L/min)	Comments
Time Zero+		0.0					
09/26/89	20:59	2.1	#3	1.875	5333		
	23:23	4.5	#3	2.229	6803	10.21	
09/27/89	00:36	5.7	#3	2.396	7522	9.84	
	02:34	7.7	#3	2.656	8673	9.76	
	04:26	9.5	#3	2.906	9806	10.11	
	07:05	12.2	#3	3.240	11347	9.70	
	11:24	16.5	#3	3.781	13903	9.87	
	12:29	17.6	#3	3.896	14447	8.38	
	16:31	21.6	#3	4.219	15982	6.34	The ATS had no feed from 12:53 to 14:46 on 9/27/89 and
	19:04	24.2	#4	0.661	1176		this caused a drop in the effluent flow rate.
	22:30	27.6	#4	1.328	3255	10.10	
09/28/89	00:56	30.0	#4	1.703	4652	9.57	
	02:31	31.6	#4	1.932	5565	9.61	
	04:26	33.5	#4	2.193	6648	9.42	
	06:33	35.6	#4	2.453	7773	8.85	
	13:23	42.5	#4	3.286	11567	9.25	
	15:47	44.9	#4	3.599	13038	10.22	
	18:15	47.3	#4	3.964	14769	11.70	
	20:48	49.9	#4	4.307	16403	10.68	
	22:42	51.8	#4	4.557	17585	10.37	
09/29/89	00:36	53.7	#4	4.797	18708	9.85	The measurement taken at 2:32 on 9/29/89 has been
	04:43	57.8	#4	5.349	21235	10.23	excluded from flow rate calculations because it showed

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

*** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: EFFLWONE

DATE: NOV. 1, 1990

000595

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST
EFFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Effluent Flow Rate*** (L/min)	Comments
	06:34	59.7	#4	5.609	22386	10.37	a decrease in the height of water in the tank. It is
	08:34	61.7	#4	5.891	23588	10.02	believed that the tank height was misread.
	11:25	64.5	#4	6.307	25274	9.86	
	11:25	64.5	#3	4.490	17265		
	12:55	66.0	#3	4.688	18196	10.34	
	15:30	68.6	#3	5.042	19841	10.61	
	18:29	71.6	#3	5.469	21768	10.77	
	19:43	72.8	#3	5.635	22499	9.87	
	21:30	74.6	#3	5.906	23654	10.79	
	23:27	76.5	#3	6.198	24844	10.17	
09/30/89	01:40	78.8	#3	6.542	26160	9.90	
	03:31	80.6	#3	6.865	27291	10.19	
	05:40	82.8	#3	7.344	28723	11.10	
	05:45	82.8	#4	3.620	13137		
	07:31	84.6	#4	3.839	14175	9.79	
	09:30	86.6	#4	4.089	15364	9.99	
					Mean:	9.94	
					Standard Deviation:	0.87	
					Coefficient of Variation:	8.71	

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

*** Flow rate is calculated by the change in volume for an interval of time.

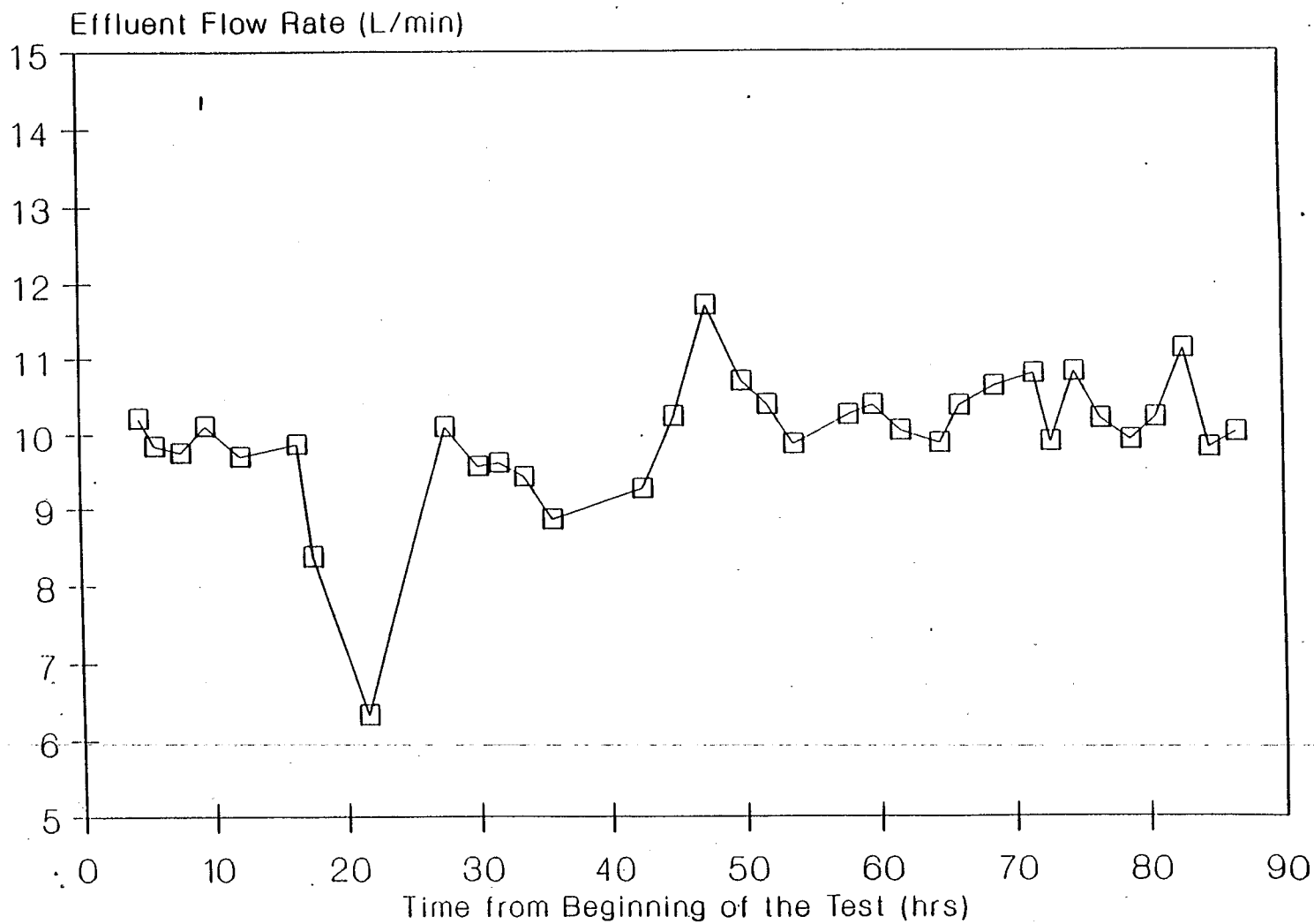
\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: EFFLWONE

DATE: NOV. 1, 1990

000596

AQUEOUS TREATMENT SYSTEM - PHASE ONE
EFFLUENT FLOW RATE



filename. EFFLWRTL date: 11/02/90

000597

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST
NUTRIENT CHEMICALS FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Height (ft)	Tank Volume* (L)	Nutrient Chemicals Flow Rate** (ml/min)	COMMENTS
	Time Zero+		2.16	164.3		
09/26/89	22:21	3.4	2.13	161.7	12.3	
	23:24	4.5	2.11	160.5	19.8	
09/27/89	01:25	6.5	2.05	156.0	36.7	
	03:28	8.6	1.98	150.9	41.3	
	05:21	10.5	1.93	147.1	33.7	
	07:22	12.5	1.71	130.0	141.5	
	09:07	14.2	1.68	127.5	24.2	
	11:05	16.2	1.65	125.6	16.1	
	12:45	17.9	1.61	122.4	31.7	
	14:40	19.8	1.59	121.1	11.0	
	16:34	21.7	1.57	119.2	16.7	
	18:28	23.6	1.53	116.7	22.3	
	20:47	25.9	1.50	114.2	18.3	
	22:22	27.5	1.48	112.3	20.0	
09/28/89	00:30	29.6	1.44	109.7	19.8	
	02:25	31.5	1.41	107.2	22.1	
	04:24	33.5	1.38	105.3	16.0	
	06:24	35.5	1.35	102.7	21.1	
	08:25	37.5	1.32	100.2	21.0	
	10:50	39.9	1.29	98.3	13.1	
	13:23	42.5	1.25	95.1	20.7	
	15:47	44.9	1.23	93.2	13.2	

* Volume is calculated using an equation for an upright cylinder.

** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred at 18:55 on 9/26/89 when the composite sampling of the ATS was initiated.

FILENAME: NTFLWONE

DATE: NOV. 1, 1990

000598

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST
NUTRIENT CHEMICALS FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Height (ft)	Tank Volume* (L)	Nutrient Chemicals Flow Rate** (ml/min)	COMMENTS
	18:15	47.4	1.19	90.4	19.3	
	20:51	50.0	1.13	86.3	26.4	
	22:38	51.7	1.10	83.7	23.7	
09/29/89	10:35	63.7	1.72	130.7		Nutrients added to nutrient tank. Prior to the refill the tank was
	11:25	64.5	1.71	130.0	12.7	bubbling due to the low level and the action of the mixer (from
	12:55	66.0	1.69	128.7	14.1	00:29 to 08:34 on 09/29/89). No flow rates were calculated.
	15:30	68.6	1.65	125.6	20.5	
	19:39	72.8	1.58	120.5	20.4	
	21:30	74.6	1.56	118.6	17.1	
	23:27	76.6	1.53	116.1	21.7	
09/30/89	01:30	78.6	1.49	113.5	20.6	
	03:28	80.6	1.47	111.6	16.1	
	05:36	82.7	1.43	109.1	19.8	
	07:26	84.5	1.40	106.6	23.1	
	09:30	86.6	1.38	105.3	10.2	
				MEAN:	23.8	
				STANDARD DEVIATION:	21.0	
				COEFFICIENT OF VARIATION:	88.1	

* Volume is calculated using an equation for an upright cylinder.

** Flow rate is calculated by the change in volume for an interval of time.

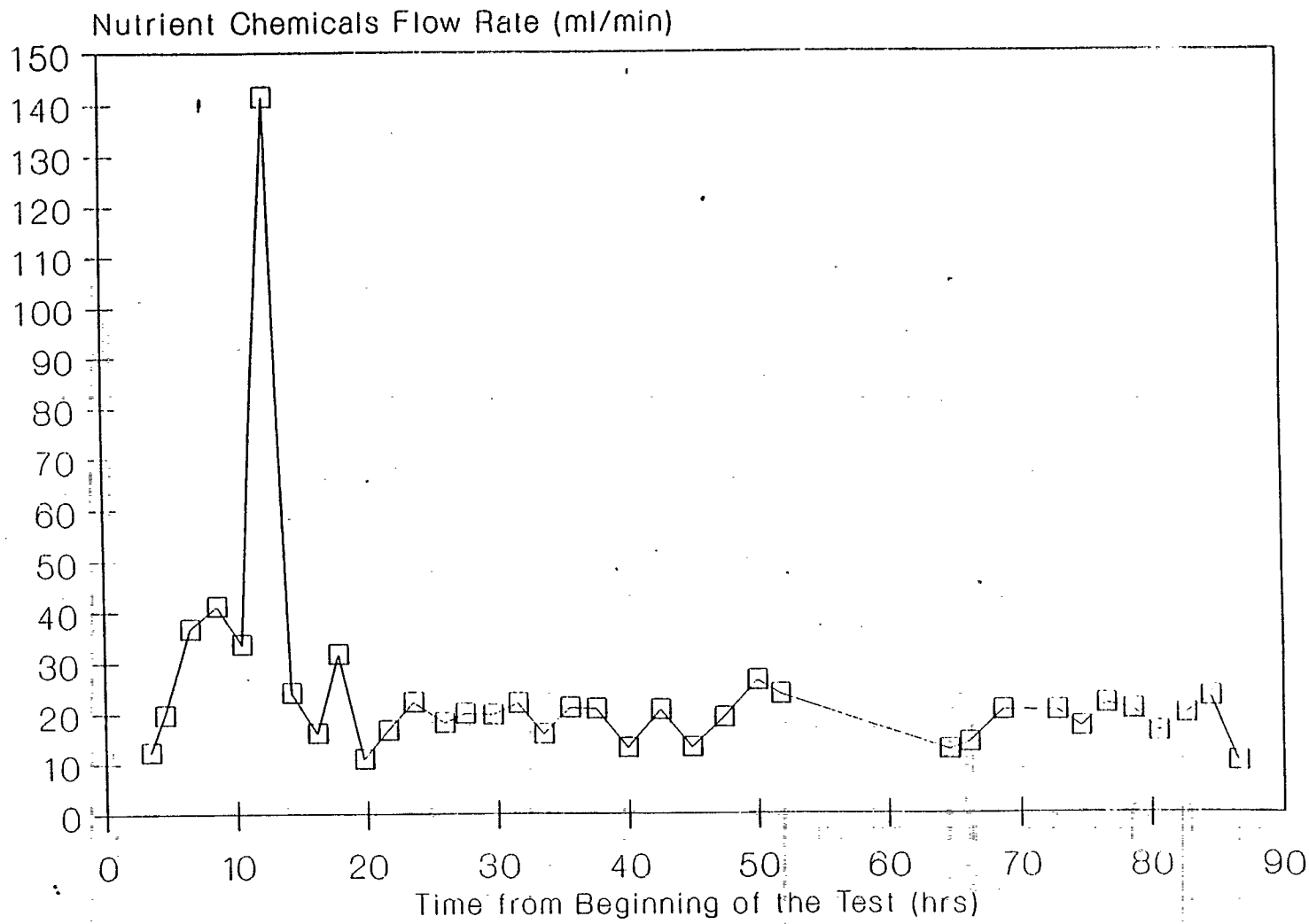
\+ Time zero occurred at 18:55 on 9/26/89 when the composite sampling of the ATS was initiated.

FILENAME: NTFLWONE

DATE: NOV. 1, 1990

000599

AQUEOUS TREATMENT SYSTEM - PHASE ONE
NUTRIENT CHEMICALS FLOW RATE



filename NTFLWRTL date 11/02/90

000600

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST
pH AND TEMPERATURE

Date	Time	Time from Beg. of Test (hr)	Influent pH	Influent Temperature (oC)	Time	Time from Beg. of Test (hr)	Effluent pH	Effluent Temperature (oC)
	Time Zero+	0				0		
09/26/89	22:09	3.2	7.34	14.5	22:18	3.4	7.83	25.0
09/27/89	05:33	10.6	7.45	14.5	05:40	10.75	7.47	25.5
	09:02	14.1	7.41	14.8	09:02	14.1	7.43	25.7
	11:10	16.3	7.36	17.0	11:10	16.2	7.39	23.5
	12:40	17.8	7.41	18.9	12:40	17.8	7.42	24.6
	19:15	24.3	7.38	17.0	19:24	24.5	7.48	26.5
09/28/89	03:04	32.2	7.50	16.0	03:08	32.2	7.46	23.0
	13:56	43.0	7.39	19.3	13:56	43.0	7.43	29.0
	22:55	52.0	7.41	18.0	22:59	52.1	7.55	26.0
09/29/89	04:34	57.7	7.48	16.0	04:43	57.8	7.44	24.0
	12:40	65.8	7.03	19.5	12:40	65.9	7.21	26.5
	21:40	74.8	7.45	17.0	21:40	74.9	7.42	24.0
09/30/89	02:30	79.6	7.19	12.5	02:35	79.8	7.23	24.0
	INFLUENT MEANS:		7.37	16.5	EFFLUENT MEANS:		7.4	25.2

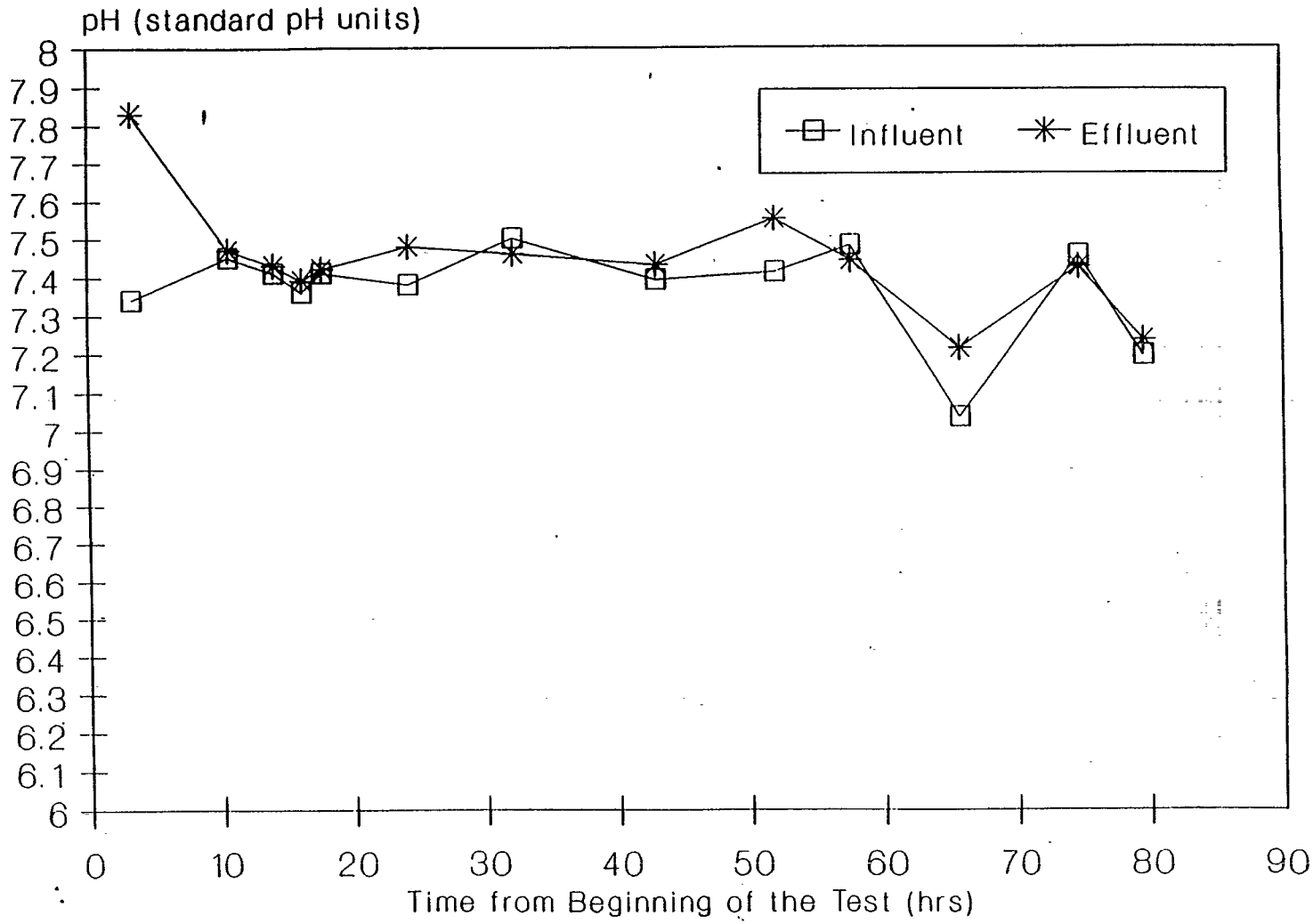
+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: PH&TPONE

DATE: NOV. 2, 1990

000601

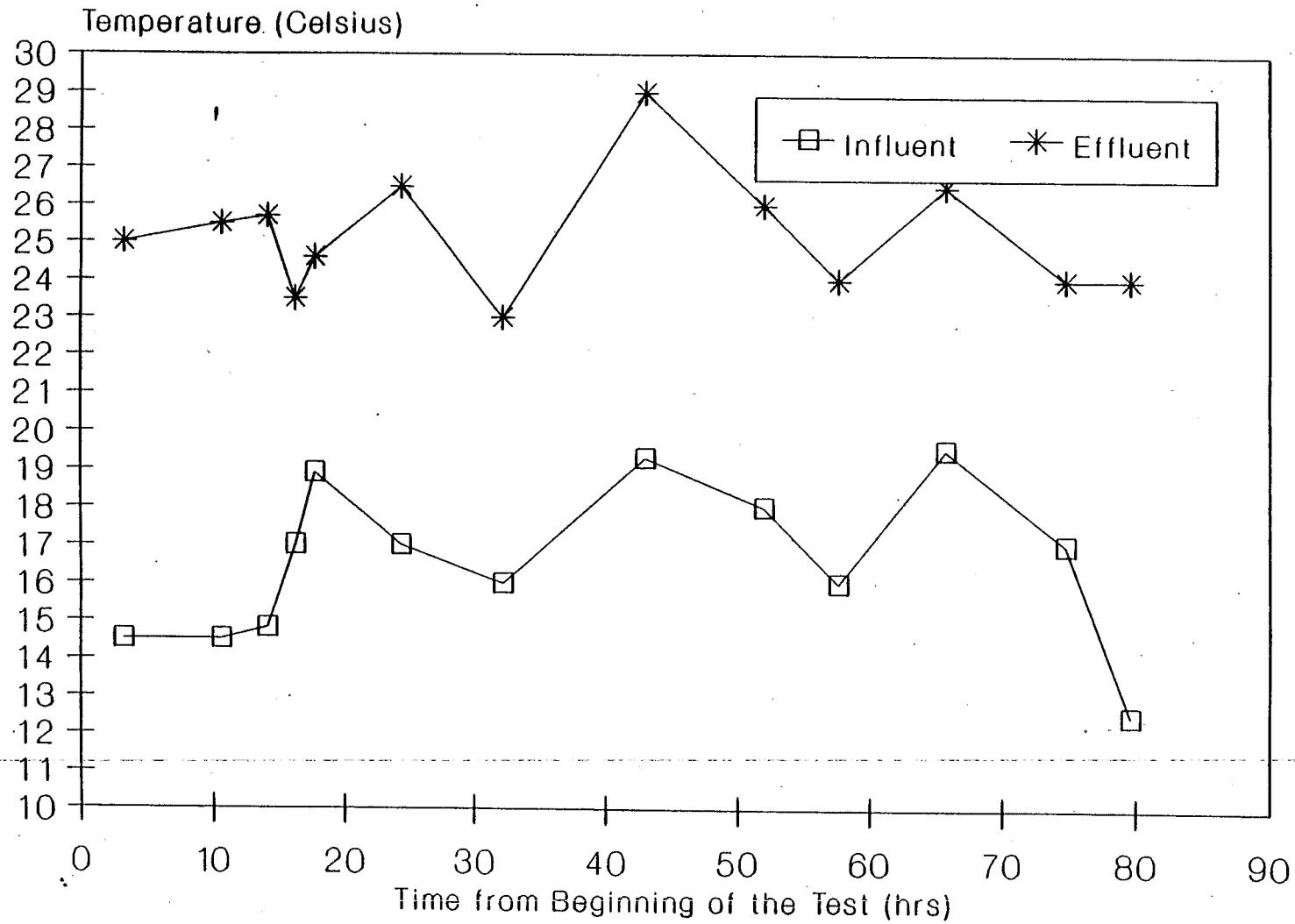
AQUEOUS TREATMENT SYSTEM - PHASE ONE
INFLUENT AND EFFLUENT pH



filename: PHLOW date. 11/02/90

000602

AQUEOUS TREATMENT SYSTEM - PHASE ONE
INFLUENT AND EFFLUENT TEMPERATURE



filename: TEMPLOW date: 11/02/90

000603

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST
ON-LINE FIELD MEASUREMENTS

Date	Time	Time from Beg. of Test (hr)	Automatic pH Reading	Effluent Flow Rate* (gpm)	Effluent Flow Meter** (gal)	Comments
	Time Zero+	0.0				
09/26/89	23:24	4.5	7.31	2.9	205,350	
09/27/89	01:25	6.5	7.13	2.8	No Data	
	03:28	8.5	7.34	2.7	206,040	
	05:21	10.4	7.25	2.8	206,339	
	07:22	12.4	7.03	2.7	206,665	
	09:07	14.2	7.19	2.6	206,956	
	11:05	16.2	7.20	2.6	207,259	
	12:45	17.8	7.19	2.6	207,529	
	14:40	19.7	6.37	2.6	207,600	
	16:34	21.6	7.19	2.8	207,897	
	18:28	23.5	7.10	2.8	208,236	
	20:47	25.9	7.16	2.7	208,616	
	22:22	27.4	7.14	2.7	208,876	
09/28/89	00:30	29.6	7.08	2.6	209,212	
	02:25	31.5	6.96	2.6	209,529	
	04:24	33.5	7.23	2.5	209,821	
	06:24	35.5	7.21	2.5	210,116	
	08:25	37.5	7.13	2.5	210,415	
	10:50	39.9	7.31	2.8	210,660	
	13:23	42.5	7.24	3.0	211,110	
	15:47	44.9	7.36	3.2	211,562	
	18:15	47.3	No Data	No Data	212,010	

+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

* This flow rate was obtained from the Effluent Flow Meter using a stopwatch for 1 minute. A calibration check of the meter was done at a flow rate of 3 gpm and the meter was reading 0.05 gal lower than expected.

** The Effluent Flow Meter measured the total volume of effluent from the ATS.

FILENAME: FLDMEAON

DATE: NOV. 2, 1990

000604

AQUEOUS TREATMENT SYSTEM – PHASE ONE TEST
ON-LINE FIELD MEASUREMENTS

Date	Time	Time from Beg. of Test (hr)	Automatic pH Reading	Effluent Flow Rate* (gpm)	Effluent Flow Meter** (gal)	Comments
	20:45	49.8	No Data	No Data	212,470	
	22:38	51.7	No Data	No Data	212,790	
09/29/89	00:29	53.6	7.31	2.7	213,096	
	02:25	55.5	7.24	2.8	213,425	
	04:35	57.7	7.35	2.5	213,805	
	06:27	59.5	7.32	2.9	214,104	
	08:34	61.6	7.05	2.8	214,456	
	11:25	64.5	6.85	2.9	214,940	
	12:55	66.0	7.17	3.0	215,205	
	15:30	68.6	7.17	2.9	215,665	
	19:39	72.7	7.36	3.0	216,404	
	21:30	74.6	6.91	2.8	216,729	
	23:27	76.5	7.36	2.7	217,048	
09/30/89	01:30	78.6	6.18	2.9	217,404	
	03:28	80.5	7.12	3.1	217,732	
	05:36	82.7	6.75	2.8	218,119	
	07:26	84.5	7.05	2.7	218,429	
	09:30	86.6	7.18	2.8	218,756	
		MEAN:	6.59	2.6		
			TOTAL EFFLUENT:		13,406	

+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

* This flow rate was obtained from the Effluent Flow Meter using a stopwatch for 1 minute. A calibration check of the meter was done at a flow rate of 3 gpm and the meter was reading 0.05 gal lower than expected.

** The Effluent Flow Meter measured the total volume of effluent from the ATS.

FILENAME: FLDMEAON

DATE: NOV. 2, 1990

000605

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
INFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Influent Flow Rate*** (L/min)	Comments
Time Zero+		0.0					
09/30/89	11:29	88.6	#1	5.20	20554		
	13:32	90.6	#1	4.91	19216	10.88	
	15:32	92.6	#1	4.61	17854	11.35	
	17:25	94.5	#1	4.35	16625	10.88	
	19:35	96.7	#1	4.03	15091	11.80	
	21:33	98.7	#1	3.77	13853	10.49	
	23:28	100.6	#1	3.52	12669	10.30	
10/01/89	01:30	102.6	#1	3.24	11347	10.83	
	03:29	104.6	#1	2.99	10188	9.74	
	05:30	106.6	#1	2.72	8954	10.20	
	07:29	108.6	#1	2.44	7704	10.50	
	09:36	110.7	#1	2.09	6231	11.60	
	11:30	112.6	#1	1.79	5000	10.80	
	14:15	115.4	#2	6.56	26217		
	15:30	116.6	#2	6.33	25355	11.50	
	17:21	118.5	#2	5.99	24021	12.01	
	19:27	120.6	#2	5.66	22612	11.19	
	22:00	123.1	#2	5.29	20954	11.35	This measurement is corrected because the ATS had
10/02/89	00:22	125.5	#2	4.93	19336	11.39	no feed from 20:19 to 20:26 on 10/01/89.
	01:47	126.9	#2	4.72	18367	11.40	
	03:45	128.9	#2	4.44	17044	11.21	
	05:38	130.7	#2	4.16	15710	11.80	

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

*** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: INFLWTWO

DATE: NOV. 1, 1990

000606

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
INFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Influent Flow Rate*** (L/min)	Comments
	07:27	132.6	#2	3.91	14521	10.91	
	08:40	133.8	#2	3.73	13680	11.53	
	10:45	135.9	#2	3.44	12300	11.04	
	12:30	137.6	#2	3.20	11177	10.69	
	15:15	140.4	#2	2.86	9592	9.61	
	17:19	142.4	#2	2.49	7956	13.19	
	19:25	144.5	#2	2.17	6560	11.08	
	21:56	147.0	#2	1.74	4815	11.56	
	23:25	148.5	#2	1.48	3821	11.17	
10/03/89	01:33	150.7	#1	4.88	19071		
	03:28	152.6	#1	4.64	17952	9.73	
	05:28	154.6	#1	4.41	16872	9.01	
	07:30	156.6	#1	4.17	15735	9.32	
	10:25	159.5	#1	3.83	14150	9.06	
	12:15	161.3	#1	3.64	13211	8.54	
	14:10	163.3	#1	3.45	12325	7.70	
	15:45	164.8	#1	3.30	11640	7.21	
	17:26	166.5	#1	3.10	10717	9.13	The flow rate was turned down to ~2.1 gpm by the BioTrol
	19:26	168.5	#1	2.92	9853	7.20	operator sometime prior to 17:26 on 10/03/89.
	21:30	170.6	#1	2.71	8907	7.63	
	23:39	172.7	#1	2.49	7933	7.55	
10/04/89	01:28	174.6	#1	2.29	7071	7.91	
	03:33	176.7	#1	2.04	6014	8.45	

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

*** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: INFLWTWO

DATE: NOV. 1, 1990

000607

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
INFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Influent Flow Rate*** (L/min)	Comments
	05:28	178.6	#1	1.74	4794	10.61	
	07:29	180.6	#1	1.40	3497	10.72	
	09:33	182.7	#2	6.51	26026		
	12:15	185.3	#2	6.01	24064	12.11	
	14:20	187.4	#2	5.65	22567	11.98	
	15:40	188.8	#2	5.45	21699	10.84	
	17:35	190.7	#2	5.12	20198	13.05	
	19:38	192.7	#2	4.79	18659	12.51	
	21:25	194.5	#2	4.51	17339	12.34	
	23:50	196.9	#2	4.13	15562	12.26	
10/05/89	01:46	198.9	#2	3.84	14175	11.96	
	03:33	200.7	#2	3.56	12841	12.46	
	05:36	202.7	#2	3.23	11323	12.34	
	07:41	204.8	#2	2.88	9687	13.09	
	09:40	206.8	#2	2.55	8186	12.61	
	11:53	209.0	#2	2.15	6472	12.89	
	14:50	211.9	#2	1.61	4290	12.33	
	15:20	212.4	#1	5.55	22135		
	17:28	214.6	#1	5.24	20743	10.88	
	19:34	216.7	#1	4.89	19119	12.88	
	21:26	218.5	#1	4.56	17609	13.48	
	23:27	220.6	#1	4.26	16180	11.81	
10/06/89	01:28	222.6	#1	3.96	14744	11.87	

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

*** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: INFLWTWO

DATE: NOV. 1, 1990

000608

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
INFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Influent Flow Rate*** (L/min)	Comments
	03:27	224.6	#1	3.66	13309	12.06	
	05:22	226.5	#1	3.33	11786	13.25	
	07:25	228.5	#1	3.29	11591	1.59	The influent flow rate dropped to ~0.5 gpm at 7:25
	09:15	230.4	#1	3.23	11299	2.66	because the bearings in the influent pump were worn out.
	12:10	233.3	#1	3.10	10717	3.88	This measurement is corrected because the ATS had
	13:30	234.6	#1	3.06	10524	2.41	no feed from 9:35 to 10:00 on 10/06/89.
	15:30	236.6	#1	3.01	10284	2.00	
					Mean:	10.33	
					Standard Deviation:	2.66	
					Coefficient of Variation:	25.72	

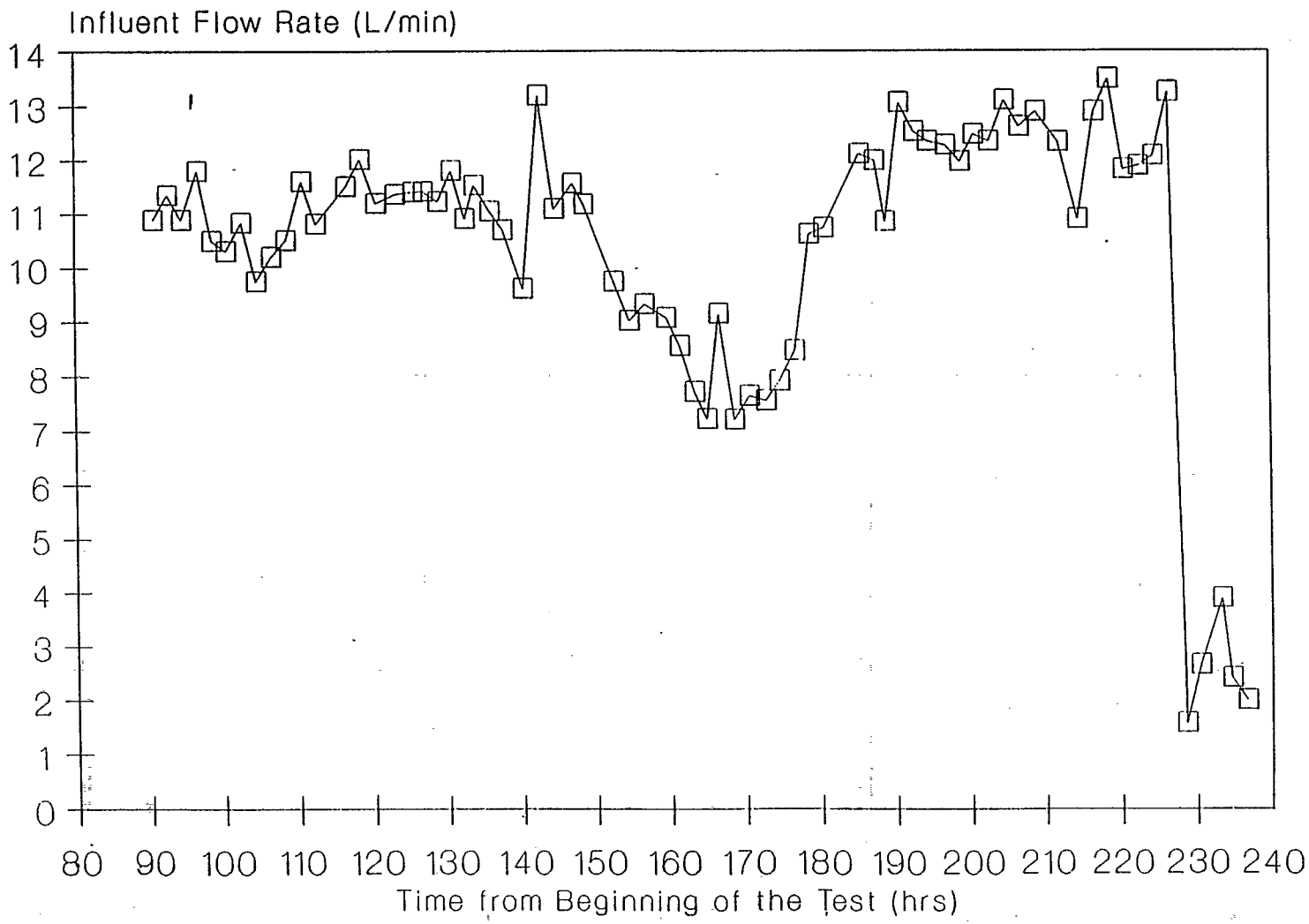
* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.
** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.
*** Flow rate is calculated by the change in volume for an interval of time.
\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: INFLWTWO

DATE: NOV. 1, 1990

000609

AQUEOUS TREATMENT SYSTEM - PHASE TWO
INFLUENT FLOW RATE



filename: INFLWRTH date: 11/05/90

000610

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
EFFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Effluent Flow Rate*** (L/min)	Comments
Time Zero+		0.0					
09/30/89	11:29	88.6	#4	4.359	16650	10.81	
	13:32	90.6	#4	4.651	18025	10.83	
	15:32	92.6	#4	4.932	19336	10.93	
	17:25	94.5	#4	5.203	20578	10.98	
	19:35	96.7	#4	5.526	22021	11.10	
	21:33	98.7	#4	5.818	23281	10.68	
	23:28	100.6	#4	6.109	24489	10.51	
10/01/89	01:30	102.6	#4	6.422	25713	10.04	
	03:29	104.6	#4	6.755	26921	10.15	
	05:30	106.6	#3	3.125	10814		
	07:29	108.6	#3	3.396	12080	10.64	
	09:36	110.7	#3	3.677	13408	10.46	
	11:30	112.6	#3	3.948	14695	11.29	
	14:15	115.4	#3	4.323	16477	10.80	
	15:30	116.6	#3	4.510	17364	11.83	
	17:21	118.5	#3	4.781	18635	11.45	
	19:27	120.6	#3	5.073	19984	10.71	
	22:00	123.1	#3	5.438	21630	10.76	
10/02/89	00:22	125.5	#3	5.802	23215	11.16	
	01:47	126.9	#3	6.021	24128	10.75	
	03:45	128.9	#3	6.344	25415	10.90	
	03:47	128.9	#4	3.557	12841		

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.
** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.
*** Flow rate is calculated by the change in volume for an interval of time.
\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: EFFLWTWO

DATE: NOV. 1, 1990

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
EFFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Effluent Flow Rate*** (L/min)	Comments
	05:40	130.8	#4	3.807	14026	10.49	
	07:30	132.6	#4	4.068	15265	11.26	
	08:40	133.8	#4	4.245	16106	12.02	
	10:45	135.9	#4	4.536	17487	11.04	
	12:30	137.6	#4	4.766	18562	10.24	
	15:15	140.4	#4	5.120	20198	9.92	
	17:19	142.4	#4	5.484	21837	13.22	
	19:25	144.5	#4	5.797	23193	10.75	
	21:56	147.0	#4	6.224	24947	11.62	
	23:25	148.5	#4	6.474	25909	10.81	
10/03/89	01:36	150.7	#3	5.146	20317		
	03:30	152.6	#3	5.417	21537	10.70	
	05:30	154.6	#3	5.667	22634	9.14	
	07:32	156.6	#3	5.917	23697	8.71	
	10:25	159.5	#3	6.292	25213	8.76	
	11:30	160.6	#3	6.448	25812	9.21	
	14:10	163.3	#3	6.781	27010	7.49	
	15:45	164.9	#3	7.010	27762	7.91	
	17:26	166.5	#3	7.302	28613	8.42	The flow rate was turned down to ~2.1 gpm by the BioTrol
	19:26	168.5	#3	7.500	29108	4.12	operator sometime prior to 17:26 on 10/03/89.
	21:30	170.6	#4	3.505	12595		
	22:52	172.0	#4	3.651	13285	8.41	The measurement taken at 23:39 on 10/03/89 has been
10/04/89	01:31	174.6	#4	3.891	14422	7.15	excluded from flow rate calculations because it showed

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

*** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: EFFLWTWO

DATE: NOV. 1, 1990

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST

EFFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Effluent Flow Rate*** (L/min)	Comments
	03:36	176.7	#4	4.120	15512	8.72	a decrease in the height of water in the tank. It is
	05:31	178.6	#4	4.370	16699	10.32	believed that the tank height was misread.
	07:32	180.6	#4	4.641	17977	10.56	
	09:33	182.7	#4	4.943	19385	11.64	
	12:15	185.4	#4	5.349	21235	11.42	
	14:20	187.4	#4	5.693	22747	12.09	
	15:40	188.8	#4	5.901	23632	11.06	
	17:35	190.7	#4	6.245	25029	12.15	
	19:38	192.7	#4	6.661	26593	12.71	
	21:25	194.5	#3	3.927	14596		
	23:50	196.9	#3	4.292	16329	11.95	
10/05/89	01:47	198.9	#3	4.594	17756	12.20	
	03:34	200.7	#3	4.875	19071	12.29	
	05:37	202.7	#3	5.219	20649	12.83	
	07:40	204.8	#3	5.563	22181	12.46	
	09:40	206.8	#3	5.906	23654	12.27	
	11:53	209.0	#3	6.323	25334	12.64	
	15:20	212.4	#3	7.146	28173	13.71	There are no flow measurements between 15:20 and 23:2
	23:27	220.6	#4	0.995	2139		on 10/05/89 because tank 4 was being discharged to the
10/06/89	01:31	222.6	#4	1.422	3592	11.71	sewer while it was being fed effluent.
	03:30	224.6	#4	1.818	5103	12.70	
	05:22	226.5	#4	2.089	6210	9.88	
	07:25	228.5	#4	2.245	6870	5.37	

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

*** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: EFFLWTWO

DATE: NOV. 1, 1990

000613

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
EFFLUENT FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Number	Tank Height (ft)*	Tank Volume** (L)	Effluent Flow Rate*** (L/min)	Comments
	09:15	230.4	#4	2.276	7004	1.22	
	12:10	233.3	#4	2.401	7545	3.09	
	13:30	234.6	#4	2.464	7818	3.42	
	15:30	236.6	#4	2.536	8140	2.68	
					Mean:	10.1	
					Standard Deviation:	2.56	
					Coefficient of Variation:	25.2	

* All tank levels have been corrected according to a calibration done by SAIC and BioTrol Inc.

** Volume is calculated using an equation for horizontal storage tanks obtained from Perry's Chemical Engineers' Handbook.

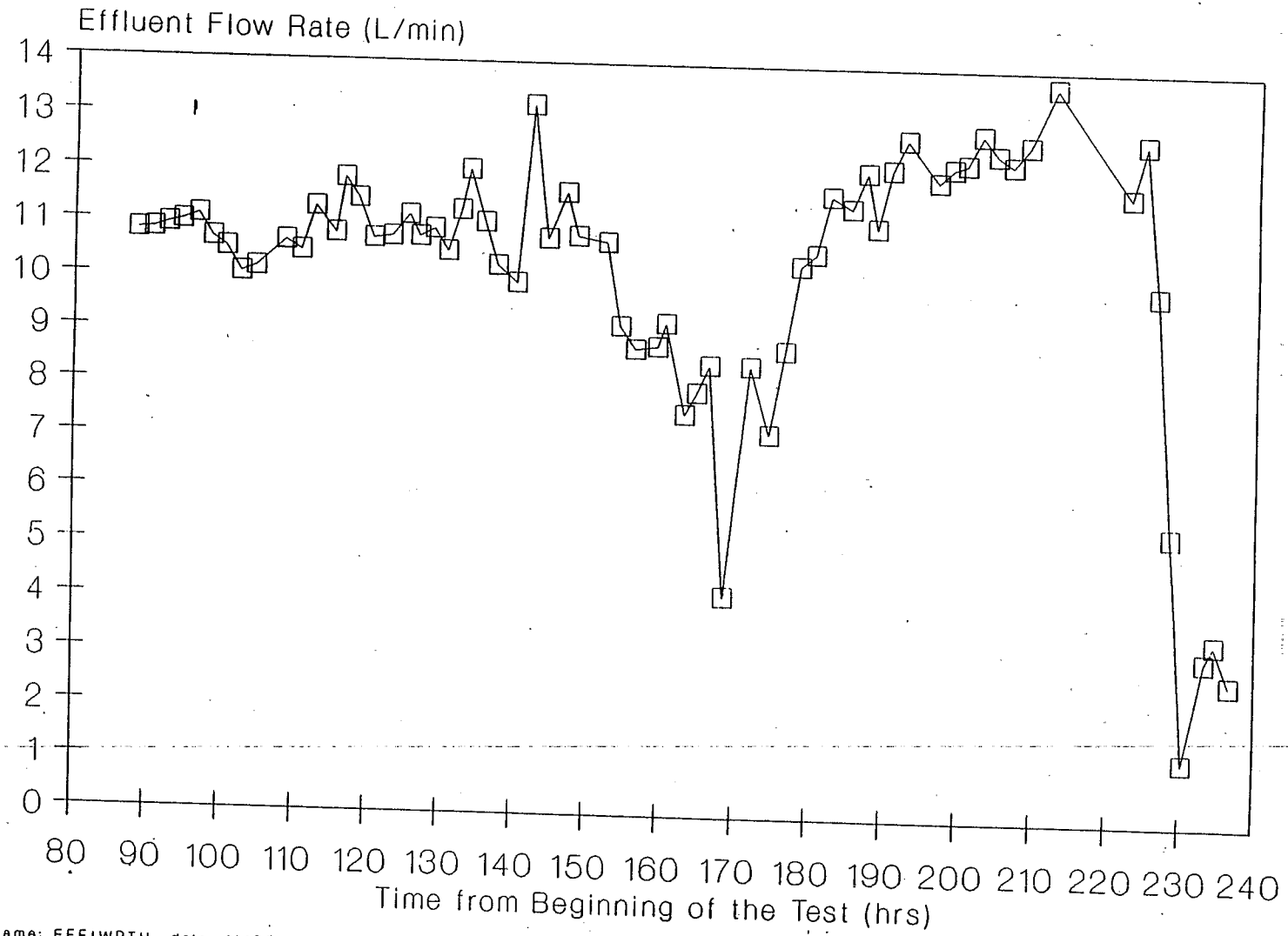
*** Flow rate is calculated by the change in volume for an interval of time.

\+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

FILENAME: EFFLWTWO

DATE: NOV. 1, 1990

AQUEOUS TREATMENT SYSTEM - PHASE TWO
EFFLUENT FLOW RATE



filename: EFFLWRTH date: 11/05/90

000615

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
NUTRIENT CHEMICALS FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Height (ft)	Tank Volume* (L)	Nutrient Chemicals Flow Rate** (ml/min)	COMMENTS
Time Zero+						
09/30/89	11:29	88.6	1.35	102.7	21.5	
	13:32	90.6	1.32	100.2	20.6	
	15:32	92.6	1.28	97.7	21.1	
	17:25	94.5	1.26	95.8	16.8	
	19:35	96.7	1.23	93.2	19.5	
	21:33	98.7	1.19	90.7	21.5	
	23:38	100.7	1.17	88.8	15.2	
10/01/89	01:30	102.6	1.14	86.9	17.0	
	03:29	104.6	1.10	83.7	26.6	
	05:30	106.6	1.07	81.2	21.0	
	07:29	108.6	1.04	79.3	16.0	
	09:36	110.7	1.02	77.4	15.0	
	11:30	112.6	0.83	62.8	128.0	
	14:15	115.4	0.78	59.6	19.2	
	15:30	116.6	0.76	57.7	25.4	
	17:21	118.5	0.73	55.8	17.1	
	19:27	120.6	0.70	53.3	20.1	
	22:00	123.1	0.66	49.9	21.8	
10/02/89	00:22	125.5	0.63	47.6	16.7	
	02:27	127.5	0.60	45.7	15.2	
	04:25	129.5	0.57	43.1	21.5	
	06:30	131.6	0.54	41.2	15.2	

* Volume is calculated using an equation for an upright cylinder.
** Flow rate is calculated by the change in volume for an interval of time.
\+ Time zero occurred on 9/26/89 when the composite sampling of the ATS was initiated.
FILENAME: NTFLWTWO

DATE: NOV. 1, 1990

000616

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
NUTRIENT CHEMICALS FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Height (ft)	Tank Volume* (L)	Nutrient Chemicals Flow Rate** (ml/min)	COMMENTS
	08:40	133.8	0.51	38.7	19.5	
	10:45	135.8	0.48	36.8	15.2	
	12:30	137.6	0.46	34.9	18.1	
	15:15	140.3	0.42	31.7	19.2	
	17:19	142.4	0.39	29.8	15.3	
	19:25	144.5	0.37	27.9	15.1	
	21:56	147.0	0.34	26.0	12.6	
	23:25	148.5	0.33	25.4	7.1	
10/03/89	01:29	150.6	0.32	24.1	10.2	
	03:25	152.5	0.29	22.2	16.4	
	05:25	154.5	0.28	20.9	10.6	
	07:27	156.5	0.26	19.7	10.4	
	17:26	166.5	2.24	170.6		Nutrients added to nutrient tank. Prior to the refill the tank was
	19:26	168.5	2.22	168.7	15.9	bubbling due to the low level and the action of the mixer (from
	21:30	170.6	2.18	166.2	20.5	10:20 to 14:05 on 10/03/89). No flow rates were calculated.
	22:52	172.0	2.17	164.9	15.5	The refill level was off the scale of the measuring tape and an
	23:39	172.7	2.16	164.3	13.5	accurate reading could not be made until 17:26 on 10/03/89.
10/04/89	03:30	176.6	2.09	159.2	22.0	The measurement taken at 1:25 on 10/04/89 has been
	05:25	178.5	2.07	157.3	16.5	excluded from flow rate calculations because it showed
	07:25	180.5	2.04	155.4	15.9	an increase in the height of water in the tank. It it
	09:33	182.6	2.01	152.9	19.8	believed that the tank height was misread.
	12:15	185.3	1.80	137.0	97.9	
	14:20	187.4	1.77	134.5	20.3	

* Volume is calculated using an equation for an upright cylinder.
** Flow rate is calculated by the change in volume for an interval of time.
\+ Time zero occurred on 9/26/89 when the composite sampling of the ATS was initiated.
FILENAME: NTFLWTWO

DATE: NOV. 1, 1990

000617

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
NUTRIENT CHEMICALS FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Height (ft)	Tank Volume* (L)	Nutrient Chemicals Flow Rate** (ml/min)	COMMENTS
	15:40	188.8	1.75	133.2	15.9	
	17:35	190.7	1.73	131.9	11.0	
	19:38	192.7	1.71	130.0	15.5	
	21:25	194.5	1.66	126.2	35.6	
	23:50	196.9	1.63	124.3	13.1	
	01:42	198.8	1.60	121.8	22.7	
10/05/89	03:30	200.6	1.58	119.9	17.6	
	05:34	202.7	1.53	116.7	25.6	
	07:38	204.7	1.52	115.4	10.2	
	09:40	206.8	1.48	112.9	20.8	
	11:53	209.0	1.46	111.0	14.3	
	14:40	211.8	1.41	107.2	22.8	
	16:40	213.8	1.40	106.6	5.3	
	17:28	214.6	1.37	104.0	52.9	
	19:34	216.7	1.33	101.5	20.1	
	21:26	218.5	1.31	99.6	17.0	
	23:27	220.5	1.28	97.0	21.0	
	01:25	222.5	1.25	95.1	16.1	
10/06/89	03:25	224.5	1.22	92.6	21.1	
	05:22	226.5	1.19	90.7	16.3	
	07:25	228.5	1.17	88.8	15.5	The measurement taken at 13:30 on 10/06/89 has been
	09:15	230.3	1.15	87.5	11.5	excluded from flow rate calculations because it showed
	12:10	233.3	1.13	85.6	10.9	an increase in the height of water in the tank. It it

* Volume is calculated using an equation for an upright cylinder.

** Flow rate is calculated by the change in volume for an interval of time.

+ Time zero occurred on 9/26/89 when the composite sampling of the ATS was initiated.

FILENAME: NTFLWTWO

DATE: NOV. 1, 1990

000618

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
NUTRIENT CHEMICALS FLOW RATE

Date	Time	Time from Beg. of Test (hr)	Tank Height (ft)	Tank Volume* (L)	Nutrient Chemicals Flow Rate** (ml/min)	COMMENTS
	15:30	236.6	1.10	83.7	9.5	believed that the tank height was misread.
				MEAN:	20.3	
				STANDARD DEVIATION:	17.6	
				COEFFICIENT OF VARIATION:	86.4	

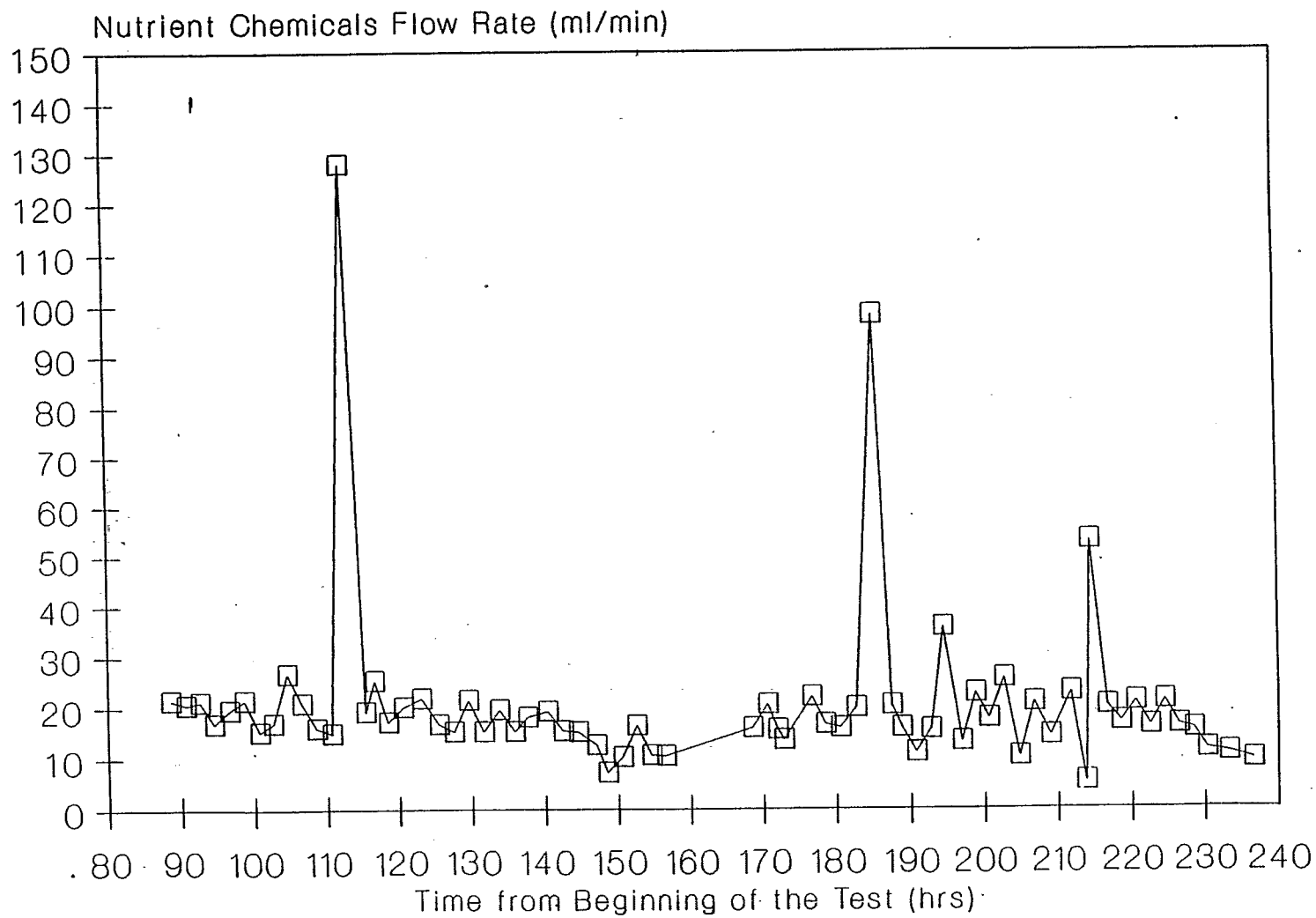
* Volume is calculated using an equation for an upright cylinder.
** Flow rate is calculated by the change in volume for an interval of time.
\+ Time zero occurred on 9/26/89 when the composite sampling of the ATS was initiated.

FILENAME: NTFLWTWO

DATE: NOV. 1, 1990

000619

AQUEOUS TREATMENT SYSTEM - PHASE TWO
NUTRIENT CHEMICALS FLOW RATE



filename: NTFLWRTH date: 11/05/90

029000

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
pH AND TEMPERATURE

Date	Time	Time from Beg. of Test (hr)	Influent pH	Influent Temperature (oC)	Time	Time from Beg. of Test (hr)	Effluent pH	Effluent Temperature (oC)
	Time Zero+	0				0		
09/30/89	15:40	92.8	6.69	22.0	15:40	92.8	6.94	27.5
	22:47	99.9	7.25	20.0	22:51	99.9	6.77	24.0
10/01/89	04:37	105.7	6.64	19.0	04:44	105.8	6.60	24.0
	15:35	116.7	7.26	19.3	15:35	116.7	7.32	28.2
	22:53	124.0	7.50	19.0	22:58	124.0	7.03	22.0
10/02/89	02:55	128.0	9.19 *	17.5	03:00	128.1	9.07 *	23.0
	15:30	140.6	7.19	16.5	15:30	140.6	7.28	24.0
	22:03	147.1	7.03	13.0	22:07	147.2	7.00	23.0
10/03/89	06:52	155.9	8.64 *	10.0	06:55	156.0	8.34 *	24.0
	14:15	163.3	7.12	9.0	14:15	163.3	6.81	24.0
	21:44	170.8	7.32	9.0	21:48	170.9	6.87	26.0
10/04/89	04:05	177.2	7.65	10.0	04:12	177.3	7.60	25.0
	15:00	188.1	7.12	14.0	15:00	188.1	7.08	26.0
	20:18	193.4	7.38	11.0	20:22	193.4	6.87	23.0
10/05/89	06:22	203.4	7.43	12.0	06:22	203.4	7.28	23.0
	14:15	211.3	7.06	14.0	14:15	211.3	6.89	27.0
	21:34	218.6	7.26	13.0	21:38	218.7	6.77	23.0
10/06/89	07:33	228.6	7.39	12.0	07:35	228.7	7.33	27.0
	12:30	233.6	7.21	17.0	12:30	233.6	7.18	25.0
	INFLUENT MEANS:		7.39	14.59	EFFLUENT MEANS:		7.21	24.67

+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

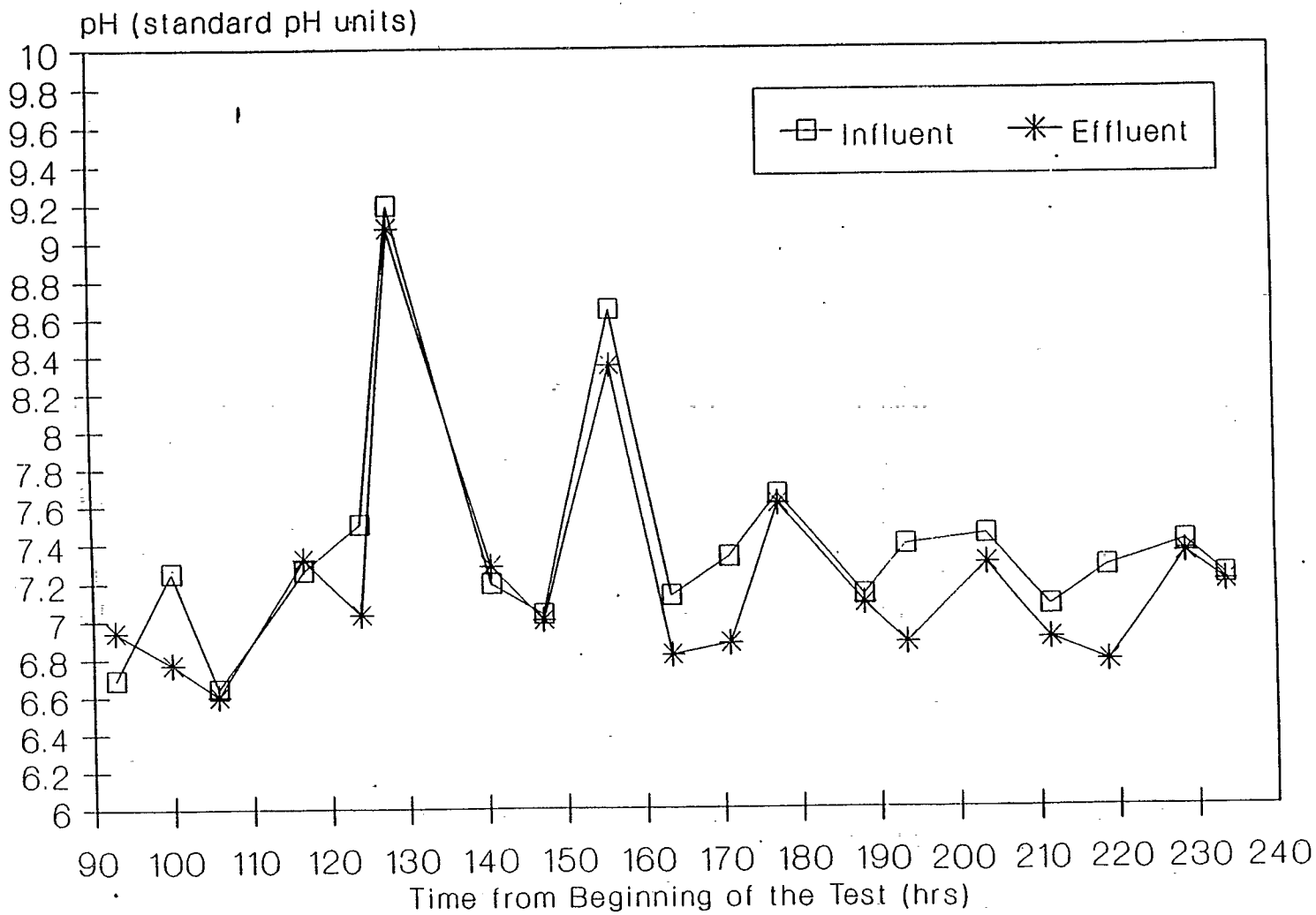
* pH readings are unusually high, and could be a result of the ambient temperature being extremely cold (below freezing) and affecting the pH meter.

FILENAME: PH&TPTWO

DATE: NOV. 2, 1990

000621

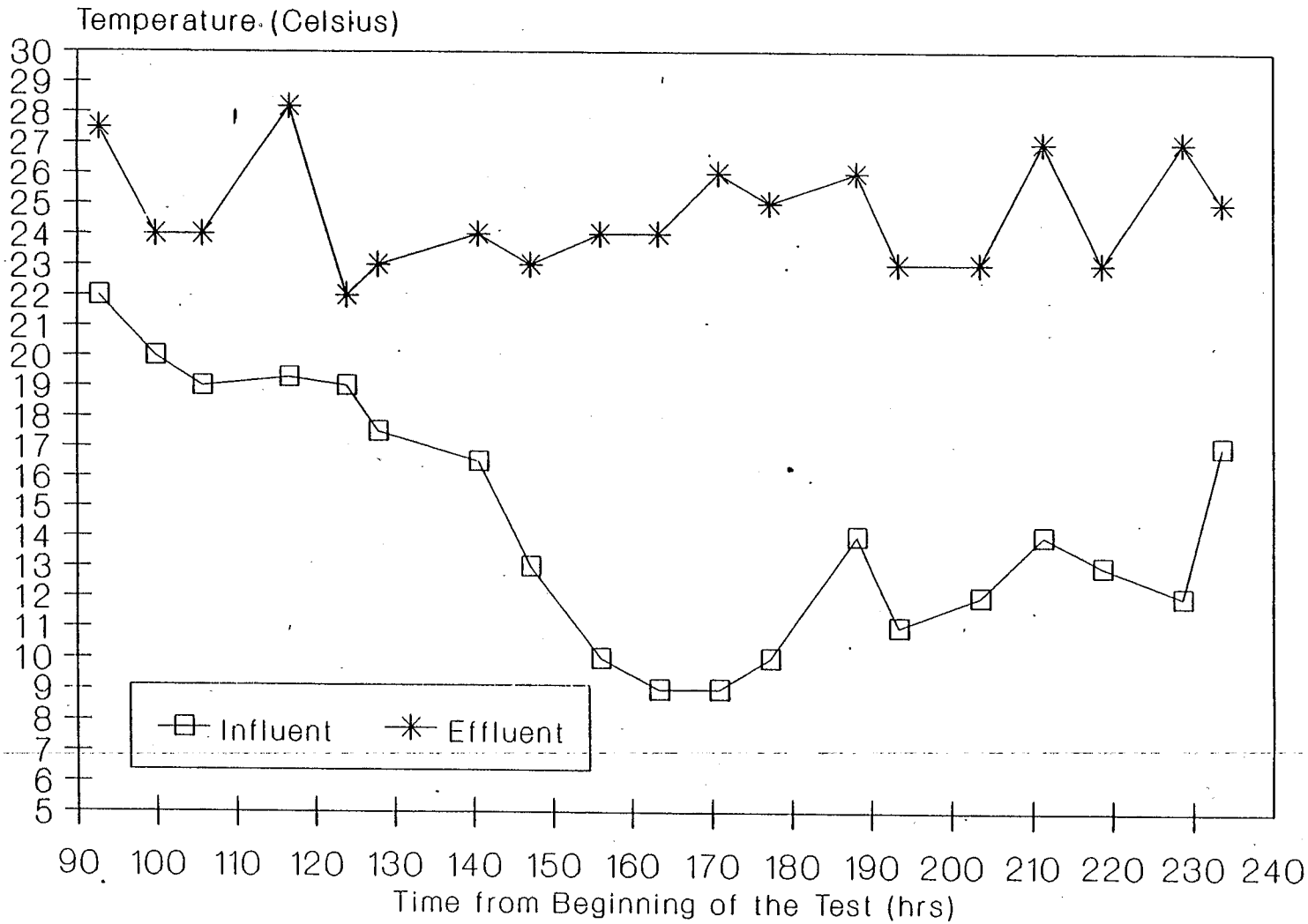
AQUEOUS TREATMENT SYSTEM - PHASE TWO
INFLUENT AND EFFLUUENT pH



filename PHHIGH date 11/05/90

000622

AQUEOUS TREATMENT SYSTEM - PHASE TWO
INFLUENT AND EFFLUENT TEMPERATURE



filename: TEMPHIGH date: 11/05/90

000623

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
ON-LINE FIELD MEASUREMENTS

Date	Time	Time from Beg. of Test (hr)	Automatic pH Reading	Effluent Flow Rate* (gpm)	Effluent Flow Meter** (gal)	Comments
	Time Zero+	0.0				
09/30/89	11:29	88.6	7.36	2.9	219,110	
	13:32	90.6	7.03	3.0	219,477	
	15:32	92.6	6.34	2.8	219,841	
	17:25	94.5	7.06	3.1	220,182	
	19:35	96.7	7.09	3.0	220,576	
	21:33	98.6	7.19	3.0	220,921	
	23:38	100.7	7.26	2.7	221,255	
10/01/89	01:30	102.6	7.30	2.8	221,592	
	03:29	104.6	7.30	2.8	221,924	
	05:30	106.6	7.37	2.8	222,266	
	07:29	108.6	7.16	2.8	222,606	
	09:36	110.7	7.18	3.1	222,980	
	11:30	112.6	7.21	3.0	223,331	
	14:15	115.3	7.36	3.0	223,825	
	15:30	116.6	7.16	3.1	224,055	
	17:21	118.4	7.28	3.0	224,400	
	19:27	120.5	7.24	3.1	224,782	
	22:00	123.1	7.14	3.2	225,222	
10/02/89	00:22	125.4	6.92	2.9	225,669	
	02:27	127.5	7.17	3.2	226,040	
	04:25	129.5	7.73	3.1	226,406	
	06:30	131.6	7.29	3.1	226,790	

+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

* This flow rate was obtained from the Effluent Flow Meter using a stopwatch for 1 minute. A calibration check of the meter was done at a flow rate of 3 gpm and the meter was reading 0.05 gal lower than expected.

** The Effluent Flow Meter measured the total volume of effluent from the ATS.

FILENAME: FLDMEATW

DATE: NOV. 2, 1990

000624

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
ON-LINE FIELD MEASUREMENTS

Date	Time	Time from Beg. of Test (hr)	Automatic pH Reading	Effluent Flow Rate* (gpm)	Effluent Flow Meter** (gal)	Comments
	08:40	133.7	7.25	2.9	227,199	
	10:45	135.8	7.30	3.0	227,566	
	12:30	137.6	7.26	2.9	227,862	
	15:15	140.3	7.24	3.0	228,311	
	17:19	142.4	7.36	3.5	228,746	
	17:41	142.8	No Data	2.6	228,795	BioTrol adjusted the flow rate.
	17:45	142.8	No Data	3.2	No Data	BioTrol adjusted the flow rate.
	19:25	144.5	7.32	3.0	229,128	
	21:56	147.0	7.35	3.2	229,600	
	23:25	148.5	7.18	2.9	229,870	
10/03/89	01:29	150.6	7.25	2.9	230,232	
	03:25	152.5	7.36	2.7	230,555	
	05:25	154.5	7.25	2.6	230,865	
	07:27	156.5	7.08	2.5	231,178	
	10:20	159.4	7.24	2.4	231,591	
	11:30	160.6	7.18	2.9	231,756	
	14:05	163.2	7.25	3.0	232,091	
	15:45	164.8	7.16	2.8	232,300	
	17:26	166.5	7.26	2.1	232,530	The flow rate was turned down
	19:26	168.5	7.15	2.2	232,773	by BioTrol.
	21:30	170.6	7.22	2.0	233,025	
	22:52	171.9	7.34	2.0	233,196	
	23:39	172.7	7.26	2.0	233,290	

+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

* This flow rate was obtained from the Effluent Flow Meter using a stopwatch for 1 minute. A calibration check of the meter was done at a flow rate of 3 gpm and the meter was reading 0.05 gal lower than expected.

** The Effluent Flow Meter measured the total volume of effluent from the ATS.

FILENAME: FLDMEATW

DATE: NOV. 2, 1990

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
ON-LINE FIELD MEASUREMENTS

Date	Time	Time from Beg. of Test (hr)	Automatic pH Reading	Effluent Flow Rate* (gpm)	Effluent Flow Meter** (gal)	Comments
10/04/89	01:25	174.5	7.15	2.2	233,514	
	03:β0	176.6	7.31	2.6	233,820	
	05:25	178.5	7.19	2.9	232,145	
	07:25	180.5	7.32	2.9	234,493	
	09:33	182.6	7.29	3.1	234,873	
	12:15	185.3	7.15	3.0	235,391	
	14:20	187.4	7.16	3.1	235,794	
	15:40	188.7	7.21	2.9	236,045	
	17:35	190.7	7.13	3.4	236,428	
	19:38	192.7	7.29	3.5	236,854	
	21:25	194.5	7.16	3.3	237,222	
	23:50	196.9	7.18	3.4	237,719	
10/05/89	01:42	198.8	7.26	3.4	238,088	
	03:30	200.6	7.15	3.6	238,471	
	05:34	202.6	7.29	3.4	238,900	
	07:38	204.7	7.06	3.6	239,320	
	09:40	206.7	7.07	3.3	239,759	
	11:53	209.0	7.13	3.1	240,220	
	14:40	211.7	7.12	3.4	240,785	
	16:40	213.7	7.29	3.3	241,010	
	17:28	214.5	7.25	3.5	241,390	
	19:34	216.6	7.25	3.5	241,833	
	21:26	218.5	7.33	4.5	242,220	

+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

* This flow rate was obtained from the Effluent Flow Meter using a stopwatch for 1 minute. A calibration check of the meter was done at a flow rate of 3 gpm and the meter was reading 0.05 gal lower than expected.

** The Effluent Flow Meter measured the total volume of effluent from the ATS.

FILENAME: FLDMEATW

DATE: NOV. 2, 1990

000626

AQUEOUS TREATMENT SYSTEM – PHASE TWO TEST
ON-LINE FIELD MEASUREMENTS

Date	Time	Time from Beg. of Test (hr)	Automatic pH Reading	Effluent Flow Rate* (gpm)	Effluent Flow Meter** (gal)	Comments
	23:27	220.5	7.36	3.4	242,623	
10/06/89	01:25	222.5	7.00	3.3	243,024	
	03:25	224.5	6.85	3.4	243,423	
	05:22	226.4	6.89	3.3	243,828	
	07:25	228.5	7.19	0.5	243,895	BioTrol turned down the flow
	09:15	230.3	7.07	0.3	243,942	rate because the influent pump
	12:10	233.2	7.18	0.4	244,090	was leaking.
	13:30	234.6	7.17	0.6	244,151	
	15:30	236.6	7.21	0.6	244,237	
		MEAN:	7.01	2.8		
			TOTAL EFFLUENT:		25,127	

+ Time zero occurred on 9/26/89 at 18:55 when the composite sampling of the ATS was initiated.

* This flow rate was obtained from the Effluent Flow Meter using a stopwatch for 1 minute. A calibration check of the meter was done at a flow rate of 3 gpm and the meter was reading 0.05 gal lower than expected.

** The Effluent Flow Meter measured the total volume of effluent from the ATS.

FILENAME: FLDMEATW

DATE: NOV. 2, 1990

000627

PENTA AND PAH DATA

FILE NAME: SBRPCP

DATE: 21-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
SBRIN011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/09/90	14	e	77000		ug/L
SBRIN011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		230000	E	ug/L
SBRIN011LS_DL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		71000	D	ug/L
SBRIN011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/16/90	0		2600000		ug/kg
SBRIN011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	3100000		ug/kg
SBRIN021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	42000	J	ug/L
SBRIN021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		140000	E	ug/L
SBRIN021LS_DL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/21/90	0		88000	DJ	ug/L
SBRIN021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/22/90	0		2200000	E	ug/kg
SBRIN021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/23/90	23	e	1600000		ug/kg
SBRIN021SS_DL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/16/90	0		2500000	D	ug/kg
SBRIN031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		110000	E	ug/L
SBRIN031LS_DL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/07/90	0		87000	D	ug/L
SBRIN031SS	8910144	SOIL	10/20/89	10/21/89	11/21/89	18	a	01/24/90	24	e	3400000		ug/L
SBRIN031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/22/90	0		2100000	E	ug/kg
SBRIN031SS_DL	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/16/90	0		2700000	D	ug/kg
SBRIN041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		45000	E	ug/L
SBRIN041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	50000		ug/L
SBRIN041LS_DL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		46000	D	ug/L
SBRIN041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	01/27/90	28	e	8100000	E	ug/kg
SBRIN041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		2300000	E	ug/kg
SBRIN041SS_DL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/09/90	0		2000000	D	ug/kg
SBRIN061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	41000		ug/L
SBRIN061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	03/01/90	0		120000	E	ug/L
SBRIN061LS_DL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		79000	D	ug/L
SBRIN061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		3600000	E	ug/kg
SBRIN061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		2200000		ug/kg

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57=84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000629

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
SBRIN061SS_DL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		3100000	D	ug/kg
SBRIN071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		230000	E	ug/L
SBRIN071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	32000	J	ug/kg
SBRIN071LS_DL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		69000	DJ	ug/L
SBRIN071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		1600000		ug/kg
SBRIN071SS	8910161	SOIL	10/24/89	10/25/89	11/20/89	13	a	12/16/89	0		1900000		ug/kg
SBRIN081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		110000	E	ug/L
SBRIN081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		32000		ug/L
SBRIN081LS_DL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		87000	D	ug/L
SBRIN081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/07/90	0		3600000	E	ug/kg
SBRIN081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	12/30/89	0		2600000		ug/kg
SBRIN081SS_DL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		3400000	D	ug/kg
SBRIN085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		43000		ug/L
SBRIN085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		33000		ug/L
SBRIN085LS_DL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		46000	D	ug/L
SBRIN085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		3700000	E	ug/kg
SBRIN085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	3200000		ug/kg
SBRIN085SS_DL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		2900000	D	ug/kg
SBRIN091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	21000		ug/L
SBRIN091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		48000		ug/L
SBRIN091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/22/89	0		2500000		ug/kg
SBRIN091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		4900000	E	ug/kg
SBRIN091SS_DL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		3500000	D	ug/kg
SBRIN101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/09/90	14	e	20000	J	ug/kg
SBRIN101LS	9001135	AQUEOUS	10/27/89	10/27/89	01/23/90	81	c	02/06/90	0		74000	E	ug/L
SBRIN101LS_DL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		62000	D	ug/L
SBRIN101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		4400000	E	ug/kg

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57=84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000630

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
SBRIN101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/16/89	0		3900000		ug/kg
SBRIN101SS_DL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/12/90	0		2300000	D	ug/kg
SBRIN111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	41000		ug/L
SBRIN111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		32000		ug/L
SBRIN111SS	9001135	SOIL	10/28/89	10/30/89	01/24/90	74	c	02/08/90	0		3100000	E	ug/kg
SBRIN111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/16/89	0		1600000		ug/L
SBRIN111SS_DL	9001135	SOIL	10/28/89	10/30/89	01/24/90	74	c	02/09/90	0		2300000	D	ug/kg
SBRIN121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/08/90	0		37000		ug/L
SBRIN121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	37000		ug/L
SBRIN121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/08/90	0		3200000	E	ug/kg
SBRIN121SS	8910187	SOIL	10/29/89	10/30/89	11/20/89	8	a	12/15/89	0		1800000		ug/L
SBRIN121SS_DL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/10/90	0		2300000	D	ug/kg
SBRIN131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/10/90	15	e	54000		ug/L
SBRIN131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/12/90	0		2300	J	ug/L
SBRIN131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		2300000	E	ug/kg
SBRIN131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	12/16/89	0		3500000		ug/kg
SBRIN131SS_DL	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/16/90	0		2600000	D	ug/kg
SBRIN141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/10/90	15	e	37000		ug/L
SBRIN141LS	9001135	AQUEOUS	10/31/89	10/31/89	01/23/90	77	c	02/06/90	0		30000		ug/L
SBRIN141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	240000		ug/kg
SBRIN141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/12/90	0		220000	EJ	ug/kg
SBRIN141SS_DL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/16/90	0		2200000	D	ug/kg
SBREFF011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		360000	E	ug/L
SBREFF011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/10/90	15	e	130000		ug/L
SBREFF011LSDL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		230000	D	ug/L
SBREFF011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	1900000		ug/kg

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57=84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000631

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
SBREFF011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/07/90	0		2100000	E	ug/kg
SBREFF011SSDL	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/08/90	0		2100000	D	ug/kg
SBREFF021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		56000	E	ug/L
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	90000		ug/L
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/16/89	21	a	01/09/90	14	e	95000		ug/kg
SBREFF021LSDL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/08/90	0		60000	D	ug/L
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/24/90	24	e	1900000		ug/kg
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/20/89	18	a	12/22/89	0		810000		ug/kg
SBREFF021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/07/90	0		1600000	E	ug/kg
SBREFF021SSDL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/09/90	0		1600000	D	ug/kg
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31	b	01/24/90	18	e	69000		ug/L
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31	b	01/24/90	18	e	130000		ug/L
SBREFF031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		210000	E	ug/L
SBREFF031LSDL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/06/90	0		170000	D	ug/L
SBREFF031SS	8910144	SOIL	10/20/89	10/21/89	11/20/89	17	a	12/16/89	0		2500000		ug/L
SBREFF031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/07/90	0		1300000		ug/kg
SBREFF041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		310000	E	ug/L
SBREFF041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	88000		ug/L
SBREFF041LSDL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		280000	D	ug/L
SBREFF041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		1800000	E	ug/kg
SBREFF041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	12/23/89	0		3100000		ug/kg
SBREFF041SSDL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		1500000	D	ug/kg
SBREFF051LS	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86	d	02/05/90	0		160000	E	ug/L
SBREFF051LS	8910147	AQUEOUS	10/22/89	10/23/89	11/27/89	29	b	01/31/90	25	e	150000		ug/L
SBREFF051LSDL	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86	d	02/06/90	0		160000	D	ug/L
SBREFF051SS	9001135	SOIL	10/22/89	10/23/89	01/24/90	80	c	02/07/90	0		1600000		ug/kg
SBREFF051SS	8910147	SOIL	10/22/89	10/23/89	11/21/89	16	a	01/27/90	27	e	910000		ug/kg

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57=84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000632

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
SBREFF061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/27/90	0		250000	E	ug/L
SBREFF061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	110000		ug/L
SBREFF061LSDL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		170000	D	ug/L
SBREFF061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		1700000		ug/L
SBREFF061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		2100000	E	ug/kg
SBREFF061SSDL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		2300000	D	ug/kg
SBREFF071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	93000		ug/L
SBREFF071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/08/90	0		180000	E	ug/L
SBREFF071LSDL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/09/90	0		100000	DJ	ug/L
SBREFF071SS	8910161	SOIL	10/24/89	10/25/89	11/27/89	20	a	01/27/90	21	e	920000		ug/kg
SBREFF071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		1800000	E	ug/kg
SBREFF071SSDL	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/09/90	0		2100000	D	ug/kg
SBREFF081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		70000	E	ug/L
SBREFF081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		110000		ug/L
SBREFF081LSDL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		67000	D	ug/L
SBREFF081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	2900000		ug/kg
SBREFF081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/08/90	0		2200000	E	ug/kg
SBREFF081SSDL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		2300000	D	ug/kg
SBREFF085LSDL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		75000	D	ug/L
SBREFF085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		98000	E	ug/L
SBREFF085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		97000		ug/L
SBREFF085SSDL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/16/90	0		2400000	D	ug/kg
SBREFF085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/12/90	0		2300000	E	ug/kg
SBREFF085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/02/90	2	e	2600000		ug/kg
SBREFF091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		49000		ug/L
SBREFF091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	110000		ug/L
SBREFF091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		3100000	E	ug/kg

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57=84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000633

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
SBREFF091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/20/89	0		2900000		ug/kg
SBREFF091SSDL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		2600000	D	ug/kg
SBREFF101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/10/90	15	e	48000		ug/kg
SBREFF101LS	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/06/90	0		260000	E	ug/L
SBREFF101LSDL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		180000	D	ug/L
SBREFF101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		2300000	E	ug/kg
SBREFF101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/19/89	0		1800000		ug/kg
SBREFF101SSDL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/09/90	0		1800000	D	ug/kg
SBREFF111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		6800	J	ug/L
SBREFF111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	9100		ug/L
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/23/89	0		1400000		ug/kg
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/21/89	10	a	03/01/90	60	g	64000		ug/kg
SBREFF111SS	9001135	SOIL	10/28/89	10/27/89	01/24/90	74	c	02/08/90	0		1100000		ug/kg
SBREFF121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	1300	J	ug/L
SBREFF121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/12/90	0		2200	J	ug/L
SBREFF121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/15/90	0		810000	E	ug/kg
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	500000		ug/kg
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	280000		ug/kg
SBREFF121SSDL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/14/90	0		620000	D	ug/kg
SBREFF131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/06/90	0		83000	E	ug/L
SBREFF131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/11/90	16	e	690		ug/L
SBREFF131LSDL	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/08/90	0		59000	D	ug/L
SBREFF131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	01/27/90	28	e	510000		ug/kg
SBREFF131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		660000		ug/kg
SBREFF141LS	9001135	AQUEOUS	10/31/89	11/01/89	01/23/90	77	c	02/12/90	0		1400	J	ug/L
SBREFF141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/16/90	21	e	460		ug/L
SBREFF141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/15/90	0		340000	E	ug/kg

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57=84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000634

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Penta-chloro-phenol	Q	Units
SBREFF141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	200000		ug/kg
SBREFF141SSDL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/14/90	0		280000	D	ug/kg
SBREQB021	8910121	AQUEOUS	10/18/89	10/19/89	11/01/89	7	a	01/11/90	31	f	25	U	ug/L
SBREQB041	8910144	AQUEOUS	10/20/89	10/21/89	11/01/89	5	a	01/12/90	32	f	50	U	ug/L
SBREQB061	8910147	AQUEOUS	10/22/89	10/23/89	11/01/89	3	a	01/12/90	32	f	50	U	ug/L
SBREQB081	8910161	AQUEOUS	10/24/89	10/25/89	11/01/89	1	a	02/01/90	52	f	50	U	ug/L
SBREQB101	8910180	AQUEOUS	10/26/89	10/27/89	11/01/89	0		01/12/90	32	f	50	U	ug/L
SBREQB121	8910187	AQUEOUS	10/28/89	10/30/89	01/29/90	86	d	02/02/90	0		50	U	ug/L
SBREQB141	8910195	AQUEOUS	10/30/89	10/31/89	11/01/89	0		01/11/90	31	f	25	U	ug/L
SBRCAR141	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/27/90	70	g	4800	U	ug/kg
SBRCAR142	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/28/90	71	g	4800	U	ug/kg
SBRCAR142RE	8911001	SOIL	10/31/89	11/01/89	02/13/90	91	d	02/20/90	0		4800	U	ug/kg

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57=84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

FILE NAME: SBRPAH

DATE: 21-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
SBRIN011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/09/90	14	e	ug/L	5600	U	5600	U	5600	U	5600	U
SBRIN011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		ug/L	5100	U	5100	U	5100	U	5100	U
SBRIN011LS_DL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		ug/L	10000	U	10000	U	10000	U	10000	U
SBRIN011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/16/90	0		ug/kg	190000	U	190000	U	190000	U	190000	U
SBRIN011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	ug/kg	110000	U	78000	J	35000	J	27000	J
SBRIN021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	ug/L	9400	U	9400	U	9400	U	9400	U
SBRIN021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBRIN021LS_DL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/21/90	0		ug/L	25000	U	25000	U	25000	U	25000	U
SBRIN021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/22/90	0		ug/kg	3900	J	88000		50000	U	50000	U
SBRIN021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/23/90	23	e	ug/kg	91000	U	91000	U	91000	U	91000	U
SBRIN021SS_DL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/16/90	0		ug/kg	200000	U	200000	U	200000	U	200000	U
SBRIN031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		ug/L	2800	U	2800	U	2800	U	2800	U
SBRIN031LS_DL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/07/90	0		ug/L	11000	U	11000	U	11000	U	11000	U
SBRIN031SS	8910144	SOIL	10/20/89	10/21/89	11/21/89	18	a	01/24/90	24	e	ug/L	130000	U	130000	U	130000	U	130000	U
SBRIN031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/22/90	0		ug/kg	3600	J	76000		46000	U	20000	J
SBRIN031SS_DL	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/16/90	0		ug/kg	180000	U	180000	U	180000	U	180000	U
SBRIN041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBRIN041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	ug/L	3900	U	3900	U	3900	U	3900	U
SBRIN041LS_DL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		ug/L	5000	U	5000	U	5000	U	5000	U
SBRIN041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	01/27/90	28	e	ug/kg	250000	U	250000	U	250000	U	250000	U
SBRIN041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	50000	U	50000		50000	U	50000	U
SBRIN041SS_DL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/09/90	0		ug/kg	99000	U	48000	DJ	99000	U	99000	U
SBRIN061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	ug/L	5100	U	5100	U	5100	U	5100	U
SBRIN061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	03/01/90	0		ug/L	930	U	930	U	930	U	930	U
SBRIN061LS_DL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		ug/L	12000	U	12000	U	12000	U	12000	U
SBRIN061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		ug/kg	49000	U	46000	J	49000	U	49000	U
SBRIN061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		ug/kg	110000	U	110000	U	110000	U	110000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000636

FILE NAME: SBRPAH

DATE: 21-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
SBRIN061SS_DL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		ug/kg	200000	U	200000	U	200000	U	200000	U
SBRIN071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		ug/L	2400	U	2400	U	2400	U	2400	U
SBRIN071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	ug/kg	9400	U	9400	U	9400	U	9400	U
SBRIN071LS_DL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		ug/L	24000	U	24000	U	24000	U	24000	U
SBRIN071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		ug/kg	52000	U	18000	J	52000	U	52000	U
SBRIN071SS	8910161	SOIL	10/24/89	10/25/89	11/20/89	13	a	12/16/89	0		ug/kg	91000	U	91000	U	91000	U	91000	U
SBRIN081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2900	U	2900	U	2900	U	2900	U
SBRIN081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4700	U	4700	U	4700	U	4700	U
SBRIN081LS_DL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	12000	U	12000	U	12000	U	12000	U
SBRIN081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/07/90	0		ug/kg	52000	U	17000	J	52000	U	52000	U
SBRIN081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	12/30/89	0		ug/kg	110000	U	110000	U	110000	U	110000	U
SBRIN081SS_DL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	210000	U	210000	U	210000	U	210000	U
SBRIN085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2900	U	2900	U	2900	U	2900	U
SBRIN085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4200	U	4200	U	4200	U	4200	U
SBRIN085LS_DL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	5800	U	5800	U	5800	U	5800	U
SBRIN085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	48000	U	48000	U	48000	U	48000	U
SBRIN085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	ug/kg	170000	U	170000	U	170000	U	170000	U
SBRIN085SS_DL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	190000	U	190000	U	190000	U	190000	U
SBRIN091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	ug/L	4000	U	4000	U	4000	U	4000	U
SBRIN091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		ug/L	5700	U	5700	U	5700	U	5700	U
SBRIN091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/22/89	0		ug/kg	150000	U	150000	U	150000	U	150000	U
SBRIN091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		ug/kg	50000	U	7700	J	50000	U	50000	U
SBRIN091SS_DL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		ug/kg	250000	U	250000	U	250000	U	250000	U
SBRIN101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/09/90	14	e	ug/kg	4100	U	4100	U	4100	U	4100	U
SBRIN101LS	9001135	AQUEOUS	10/27/89	10/27/89	01/23/90	81	c	02/06/90	0		ug/L	2300	U	2300	U	2300	U	2300	U
SBRIN101LS_DL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		ug/L	9200	U	9200	U	9200	U	9200	U
SBRIN101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		ug/kg	49000	U	49000	U	49000	U	49000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000637

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
SBRIN101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/16/89	0		ug/kg	150000	U	150000	U	150000	U	150000	U
SBRIN101SS_DL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/12/90	0		ug/kg	240000	U	240000	U	240000	U	240000	U
SBRIN111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	ug/L	4300	U	4300	U	4300	U	4300	U
SBRIN111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBRIN111SS	9001135	SOIL	10/28/89	10/30/89	01/24/90	74	c	02/08/90	0		ug/kg	49000	U	49000	U	49000	U	49000	U
SBRIN111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/16/89	0		ug/L	96000	U	96000	U	96000	U	96000	U
SBRIN111SS_DL	9001135	SOIL	10/28/89	10/30/89	01/24/90	74	c	02/09/90	0		ug/kg	150000	U	150000	U	150000	U	150000	U
SBRIN121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/08/90	0		ug/L	4900	U	4900	U	4900	U	4900	U
SBRIN121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	ug/L	4200	U	4200	U	4200	U	4200	U
SBRIN121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/08/90	0		ug/kg	48000	U	4100	J	48000	U	48000	U
SBRIN121SS	8910187	SOIL	10/29/89	10/30/89	11/20/89	8	a	12/15/89	0		ug/L	65000	U	65000	U	65000	U	16000	J
SBRIN121SS_DL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/10/90	0		ug/kg	140000	U	140000	U	140000	U	140000	U
SBRIN131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/10/90	15	e	ug/L	4300	U	4300	U	4300	U	4300	U
SBRIN131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/12/90	0		ug/L	540	U	540	U	540	U	540	U
SBRIN131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		ug/kg	50000	U	50000	U	50000	U	50000	U
SBRIN131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	12/16/89	0		ug/kg	130000	U	130000	U	130000	U	130000	U
SBRIN131SS_DL	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/16/90	0		ug/kg	100000	U	100000	U	100000	U	100000	U
SBRIN141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/10/90	15	e	ug/L	4300	U	4300	U	4300	U	4300	U
SBRIN141LS	9001135	AQUEOUS	10/31/89	10/31/89	01/23/90	77	c	02/06/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBRIN141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	ug/kg	17000	U	17000	U	17000	U	17000	U
SBRIN141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/12/90	0		ug/kg	50000	U	50000	U	50000	U	50000	U
SBRIN141SS_DL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/16/90	0		ug/kg	99000	U	99000	U	99000	U	99000	U
SBREFF011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		ug/L	4000	U	4000	U	4000	U	4000	U
SBREFF011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/10/90	15	e	ug/L	8800	U	8800	U	8800	U	8800	U
SBREFF011LSDL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		ug/L	40000	U	40000	U	40000	U	40000	U
SBREFF011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	ug/kg	120000	U	120000	U	120000	U	120000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000638

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
SBREFF011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/07/90	0		ug/kg	48000	U	48000	U	48000	U	48000	U
SBREFF011SSDL	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/08/90	0		ug/kg	95000	U	95000	U	95000	U	95000	U
SBREFF021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	ug/L	9100	U	9100	U	9100	U	9100	U
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/16/89	21	a	01/09/90	14	e	ug/kg	4100	U	4100	U	4100	U	4100	U
SBREFF021LSDL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/08/90	0		ug/L	5200	U	5200	U	5200	U	5200	U
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/24/90	24	e	ug/kg	110000	U	110000	U	110000	U	110000	U
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/20/89	18	a	12/22/89	0		ug/kg	48000	U	48000	U	48000	U	48000	U
SBREFF021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/07/90	0		ug/kg	49000	U	49000	U	49000	U	49000	U
SBREFF021SSDL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/09/90	0		ug/kg	97000	U	97000	U	97000	U	97000	U
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31	b	01/24/90	18	e	ug/L	7700	U	7700	U	7700	U	7700	U
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31	b	01/24/90	18	e	ug/L	9100	U	9100	U	9100	U	9100	U
SBREFF031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		ug/L	2400	U	2400	U	2400	U	2400	U
SBREFF031LSDL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/06/90	0		ug/L	24000	U	24000	U	24000	U	24000	U
SBREFF031SS	8910144	SOIL	10/20/89	10/21/89	11/20/89	17	a	12/16/89	0		ug/L	110000	U	110000	U	110000	U	110000	U
SBREFF031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/07/90	0		ug/kg	50000	U	6800	J	50000	U	50000	U
SBREFF041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		ug/L	2800	U	2800	U	2800	U	2800	U
SBREFF041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF041LSDL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		ug/L	55000	U	55000	U	55000	U	55000	U
SBREFF041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	49000	U	49000	U	49000	U	49000	U
SBREFF041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	12/23/89	0		ug/kg	170000	U	170000	U	170000	U	170000	U
SBREFF041SSDL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	98000	U	98000	U	98000	U	98000	U
SBREFF051LS	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86	d	02/05/90	0		ug/L	2300	U	2300	U	2300	U	2300	U
SBREFF051LS	8910147	AQUEOUS	10/22/89	10/23/89	11/27/89	29	b	01/31/90	25	e	ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF051LSDL	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86	d	02/06/90	0		ug/L	23000	U	23000	U	23000	U	23000	U
SBREFF051SS	9001135	SOIL	10/22/89	10/23/89	01/24/90	80	c	02/07/90	0		ug/kg	53000	U	53000	U	53000	U	53000	U
SBREFF051SS	8910147	SOIL	10/22/89	10/23/89	11/21/89	16	a	01/27/90	27	e	ug/kg	80000	U	80000	U	80000	U	80000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000639

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
SBREFF061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/27/90	0		ug/L	1200	U	1200	U	1200	U	1200	U
SBREFF061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF061LSDL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		ug/L	24000	U	24000	U	24000	U	24000	U
SBREFF061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		ug/L	61000	U	61000	U	61000	U	61000	U
SBREFF061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		ug/kg	49000	U	49000	U	49000	U	49000	U
SBREFF061SSDL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		ug/kg	97000	U	97000	U	97000	U	97000	U
SBREFF071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	ug/L	11000	U	11000	U	11000	U	11000	U
SBREFF071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/08/90	0		ug/L	2300	U	2300	U	2300	U	2300	U
SBREFF071LSDL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/09/90	0		ug/L	23000	U	23000	U	23000	U	23000	U
SBREFF071SS	8910161	SOIL	10/24/89	10/25/89	11/27/89	20	a	01/27/90	21	e	ug/kg	42000	U	42000	U	42000	U	42000	U
SBREFF071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		ug/kg	48000	U	48000	U	48000	U	48000	U
SBREFF071SSDL	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/09/90	0		ug/kg	95000	U	95000	U	95000	U	95000	U
SBREFF081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF081LSDL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	7700	U	7700	U	7700	U	7700	U
SBREFF081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	ug/kg	92000	U	92000	U	92000	U	92000	U
SBREFF081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/08/90	0		ug/kg	48000	U	48000	U	48000	U	48000	U
SBREFF081SSDL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	96000	U	96000	U	96000	U	96000	U
SBREFF085LSDL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	7500	U	7500	U	7500	U	7500	U
SBREFF085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBREFF085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4400	U	4400	U	4400	U	4400	U
SBREFF085SSDL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/16/90	0		ug/kg	100000	U	100000	U	100000	U	100000	U
SBREFF085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/12/90	0		ug/kg	50000	U	50000	U	50000	U	50000	U
SBREFF085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/02/90	2	e	ug/kg	140000	U	140000	U	140000	U	140000	U
SBREFF091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		ug/L	5700	U	5700	U	5700	U	5700	U
SBREFF091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	ug/L	4100	U	4100	U	4100	U	4100	U
SBREFF091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		ug/kg	50000	U	50000	U	50000	U	50000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000640

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
SBREFF091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/20/89	0		ug/kg	110000	U	110000	U	110000	U	110000	U
SBREFF091SSDL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		ug/kg	150000	U	150000	U	150000	U	150000	U
SBREFF101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/10/90	15	e	ug/kg	4300	U	4300	U	4300	U	4300	U
SBREFF101LS	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/06/90	0		ug/L	2800	U	2800	U	2800	U	2800	U
SBREFF101LSDL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		ug/L	28000	U	28000	U	28000	U	28000	U
SBREFF101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		ug/kg	48000	U	48000	U	48000	U	48000	U
SBREFF101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/19/89	0		ug/kg	160000	U	160000	U	160000	U	160000	U
SBREFF101SSDL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/09/90	0		ug/kg	95000	U	95000	U	95000	U	95000	U
SBREFF111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	ug/L	390	U	390	U	390	U	390	U
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/23/89	0		ug/kg	160000	U	160000	U	160000	U	160000	U
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/21/89	10	a	03/01/90	60	g	ug/kg	10000	U	10000	U	10000	U	10000	U
SBREFF111SS	9001135	SOIL	10/28/89	10/27/89	01/24/90	74	c	02/08/90	0		ug/kg	49000	U	49000	U	49000	U	49000	U
SBREFF121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	ug/L	420	U	420	U	420	U	420	U
SBREFF121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/12/90	0		ug/L	530	U	530	U	530	U	530	U
SBREFF121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/15/90	0		ug/kg	10000	U	10000	U	10000	U	10000	U
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	ug/kg	71000	U	71000	U	71000	U	71000	U
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	ug/kg	46000	U	46000	U	46000	U	46000	U
SBREFF121SSDL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/14/90	0		ug/kg	50000	U	50000	U	50000	U	50000	U
SBREFF131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/11/90	16	e	ug/L	74	U	74	U	74	U	74	U
SBREFF131LSDL	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/08/90	0		ug/L	10000	U	10000	U	10000	U	10000	U
SBREFF131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	01/27/90	28	e	ug/kg	76000	U	76000	U	76000	U	76000	U
SBREFF131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		ug/kg	55000	U	55000	U	55000	U	55000	U
SBREFF141LS	9001135	AQUEOUS	10/31/89	11/01/89	01/23/90	77	c	02/12/90	0		ug/L	470	U	470	U	470	U	470	U
SBREFF141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/16/90	21	e	ug/L	70	U	70	U	70	U	70	U
SBREFF141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/15/90	0		ug/kg	11000	U	11000	U	11000	U	11000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Acenaph-thylene	Q	Acenaph-thene	Q	Fluorene	Q	Phenan-threne	Q
SBREFF141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	ug/kg	9200	U	9200	U	9200	U	9200	U
SBREFF141SSDL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/14/90	0		ug/kg	52000	U	52000	U	52000	U	52000	U
SBREQB021	8910121	AQUEOUS	10/18/89	10/19/89	11/01/89	7	a	01/11/90	31	f	ug/L	5	U	5	U	5	U	5	U
SBREQB041	8910144	AQUEOUS	10/20/89	10/21/89	11/01/89	5	a	01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB061	8910147	AQUEOUS	10/22/89	10/23/89	11/01/89	3	a	01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB081	8910161	AQUEOUS	10/24/89	10/25/89	11/01/89	1	a	02/01/90	52	f	ug/L	10	U	10	U	10	U	10	U
SBREQB101	8910180	AQUEOUS	10/26/89	10/27/89	11/01/89	0		01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB121	8910187	AQUEOUS	10/28/89	10/30/89	01/29/90	86	d	02/02/90	0		ug/L	10	U	10	U	10	U	10	U
SBREQB141	8910195	AQUEOUS	10/30/89	10/31/89	11/01/89	0		01/11/90	31	f	ug/L	5	U	5	U	5	U	5	U
SBRCAR141	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/27/90	70	g	ug/kg	980	U	980	U	980	U	980	U
SBRCAR142	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/28/90	71	g	ug/kg	990	U	990	U	990	U	990	U
SBRCAR142RE	8911001	SOIL	10/31/89	11/01/89	02/13/90	91	d	02/20/90	0		ug/kg	990	U	990	U	990	U	990	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

FILE NAME: SBRPAH

DATE: 21-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q	Benzo-(a)-An-thracene	Q
SBRIN011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/09/90	14	e	ug/L	5600	U	5600	U	5600	U	5600	U
SBRIN011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		ug/L	5100	U	5100	U	5100	U	5100	U
SBRIN011LS_DL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		ug/L	10000	U	10000	U	10000	U	10000	U
SBRIN011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/16/90	0		ug/kg	85000	J	390000		400000		190000	U
SBRIN011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	ug/kg	50000	J	340000		370000		68000	J
SBRIN021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	ug/L	9400	U	9400	U	9400	U	9400	U
SBRIN021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBRIN021LS_DL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/21/90	0		ug/L	25000	U	25000	U	25000	U	25000	U
SBRIN021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/22/90	0		ug/kg	54000		480000		430000		96000	
SBRIN021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/23/90	23	e	ug/kg	91000	U	240000		230000		91000	U
SBRIN021SS_DL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/16/90	0		ug/kg	200000	U	400000	D	400000	D	200000	U
SBRIN031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		ug/L	2800	U	2800	U	2800	U	2800	U
SBRIN031LS_DL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/07/90	0		ug/L	11000	U	11000	U	11000	U	11000	U
SBRIN031SS	8910144	SOIL	10/20/89	10/21/89	11/21/89	18	a	01/24/90	24	e	ug/L	130000	U	230000		340000		130000	U
SBRIN031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/22/90	0		ug/kg	24000	J	450000		400000		87000	
SBRIN031SS_DL	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/16/90	0		ug/kg	180000	U	380000	D	380000	D	180000	U
SBRIN041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBRIN041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	ug/L	3900	U	3900	U	3900	U	3900	U
SBRIN041LS_DL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		ug/L	5000	U	5000	U	5000	U	5000	U
SBRIN041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	01/27/90	28	e	ug/kg	250000	U	380000		410000		250000	U
SBRIN041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	50000	U	280000		360000		64000	
SBRIN041SS_DL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/09/90	0		ug/kg	99000	U	300000	D	320000	D	99000	U
SBRIN061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	ug/L	5100	U	5100	U	5100	U	5100	U
SBRIN061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	03/01/90	0		ug/L	930	U	930	U	930	U	930	U
SBRIN061LS_DL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		ug/L	12000	U	12000	U	12000	U	12000	U
SBRIN061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		ug/kg	49000	U	330000		420000		74000	
SBRIN061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		ug/kg	110000	U	210000		160000		110000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000643

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q	Benzo-(a)-An-thracene	Q
SBRIN061SS_DL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		ug/kg	200000	U	370000	D	340000	D	200000	U
SBRIN071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		ug/L	2400	U	2400	U	2400	U	2400	U
SBRIN071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	ug/kg	9400	U	9400	U	9400	U	9400	U
SBRIN071LS_DL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		ug/L	24000	U	24000	U	24000	U	24000	U
SBRIN071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		ug/kg	52000	U	190000		270000		36000	J
SBRIN071SS	8910161	SOIL	10/24/89	10/25/89	11/20/89	13	a	12/16/89	0		ug/kg	91000	U	43000	J	61000	J	91000	U
SBRIN081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2900	U	2900	U	2900	U	2900	U
SBRIN081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4700	U	4700	U	4700	U	4700	U
SBRIN081LS_DL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	12000	U	12000	U	12000	U	12000	U
SBRIN081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/07/90	0		ug/kg	52000	U	300000		490000		51000	J
SBRIN081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	12/30/89	0		ug/kg	110000	U	150000		150000		110000	U
SBRIN081SS_DL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	210000	U	360000	D	390000	D	210000	U
SBRIN085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2900	U	2900	U	2900	U	2900	U
SBRIN085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4200	U	4200	U	4200	U	4200	U
SBRIN085LS_DL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	5800	U	5800	U	5800	U	5800	U
SBRIN085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	48000	U	310000		340000		39000	J
SBRIN085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	ug/kg	170000	U	230000		220000		24000	J
SBRIN085SS_DL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	190000	U	290000	D	300000	D	190000	U
SBRIN091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	ug/L	4000	U	4000	U	4000	U	4000	U
SBRIN091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		ug/L	5700	U	5700	U	5700	U	5700	U
SBRIN091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/22/89	0		ug/kg	150000	U	240000		250000		150000	U
SBRIN091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		ug/kg	50000	U	270000		570000		38000	J
SBRIN091SS_DL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		ug/kg	250000	U	280000	D	400000	D	250000	U
SBRIN101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/09/90	14	e	ug/kg	4100	U	4100	U	4100	U	4100	U
SBRIN101LS	9001135	AQUEOUS	10/27/89	10/27/89	01/23/90	81	c	02/06/90	0		ug/L	2300	U	2300	U	2300	U	2300	U
SBRIN101LS_DL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		ug/L	9200	U	9200	U	9200	U	9200	U
SBRIN101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		ug/kg	49000	U	240000		410000		30000	J

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

FILE NAME: SBRPAH

DATE: 21-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q	Benzo-(a)-An-thracene	Q
SBRIN101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/16/89	0		ug/kg	150000	U	300000		300000		150000	U
SBRIN101SS_DL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/12/90	0		ug/kg	240000	U	260000	D	370000	D	240000	U
SBRIN111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	ug/L	4300	U	4300	U	4300	U	4300	U
SBRIN111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBRIN111SS	9001135	SOIL	10/28/89	10/30/89	01/24/90	74	c	02/08/90	0		ug/kg	49000	U	170000		310000		49000	U
SBRIN111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/16/89	0		ug/L	96000	U	67000	J	130000		96000	U
SBRIN111SS_DL	9001135	SOIL	10/28/89	10/30/89	01/24/90	74	c	02/09/90	0		ug/kg	150000	U	190000	D	250000	D	150000	U
SBRIN121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/08/90	0		ug/L	4900	U	4900	U	4900	U	4900	U
SBRIN121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	ug/L	4200	U	4200	U	4200	U	4200	U
SBRIN121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/08/90	0		ug/kg	48000	U	190000		380000		25000	J
SBRIN121SS	8910187	SOIL	10/29/89	10/30/89	11/20/89	8	a	12/15/89	0		ug/L	27000	J	160000		170000		19000	J
SBRIN121SS_DL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/10/90	0		ug/kg	140000	U	210000	D	280000	D	140000	U
SBRIN131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/10/90	15	e	ug/L	4300	U	4300	U	4300	U	4300	U
SBRIN131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/12/90	0		ug/L	540	U	540	U	540	U	540	U
SBRIN131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		ug/kg	50000	U	260000		280000		50000	U
SBRIN131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	12/16/89	0		ug/kg	130000	U	290000		270000		130000	U
SBRIN131SS_DL	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/16/90	0		ug/kg	100000	U	280000	D	320000	D	100000	U
SBRIN141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/10/90	15	e	ug/L	4300	U	4300	U	4300	U	4300	U
SBRIN141LS	9001135	AQUEOUS	10/31/89	10/31/89	01/23/90	77	c	02/06/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBRIN141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	ug/kg	17000	U	18000		26000		2700	J
SBRIN141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/12/90	0		ug/kg	50000	U	22000	J	27000	J	50000	U
SBRIN141SS_DL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/16/90	0		ug/kg	99000	U	240000	D	280000	D	99000	U
SBREFF011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		ug/L	4000	U	4000	U	4000	U	4000	U
SBREFF011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/10/90	15	e	ug/L	8800	U	8800	U	8800	U	8800	U
SBREFF011LSDL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		ug/L	40000	U	40000	U	40000	U	40000	U
SBREFF011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	ug/kg	120000	U	22000	J	39000	J	120000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000645

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT Q	DATE ANALYZED	DAYS LATE TO ANALYZE Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q	Benzo-(a)-An-thracene	Q
SBREFF011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84 c	02/07/90	0	ug/kg	48000	U	210000		380000		54000	
SBREFF011SSDL	9001135	SOIL	10/18/89	10/19/89	01/24/90	84 c	02/08/90	0	ug/kg	95000	U	240000	D	310000	D	95000	U
SBREFF021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89 d	02/05/90	0	ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32 b	01/23/90	17 e	ug/L	9100	U	9100	U	9100	U	9100	U
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/16/89	21 a	01/09/90	14 e	ug/kg	4100	U	4100	U	4100	U	4100	U
SBREFF021LSDL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89 d	02/08/90	0	ug/L	5200	U	5200	U	5200	U	5200	U
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19 a	01/24/90	24 e	ug/kg	110000	U	110000	U	110000	U	110000	U
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/20/89	18 a	12/22/89	0	ug/kg	48000	U	22000	J	87000		48000	U
SBREFF021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83 c	02/07/90	0	ug/kg	49000	U	210000		350000		49000	
SBREFF021SSDL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83 c	02/09/90	0	ug/kg	97000	U	230000	D	280000	D	97000	U
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31 b	01/24/90	18 e	ug/L	7700	U	7700	U	7700	U	7700	U
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31 b	01/24/90	18 e	ug/L	9100	U	9100	U	9100	U	9100	U
SBREFF031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88 d	02/05/90	0	ug/L	2400	U	2400	U	2400	U	2400	U
SBREFF031LSDL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88 d	02/06/90	0	ug/L	24000	U	24000	U	24000	U	24000	U
SBREFF031SS	8910144	SOIL	10/20/89	10/21/89	11/20/89	17 a	12/16/89	0	ug/L	110000	U	240000		220000		46000	J
SBREFF031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82 c	02/07/90	0	ug/kg	50000	U	210000		340000		51000	
SBREFF041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87 d	02/05/90	0	ug/L	2800	U	2800	U	2800	U	2800	U
SBREFF041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30 b	01/31/90	25 e	ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF041LSDL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87 d	02/06/90	0	ug/L	55000	U	55000	U	55000	U	55000	U
SBREFF041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81 c	02/07/90	0	ug/kg	49000	U	310000		370000		66000	
SBREFF041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16 a	12/23/89	0	ug/kg	170000	U	150000	J	180000		170000	U
SBREFF041SSDL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81 c	02/07/90	0	ug/kg	98000	U	280000	D	350000	D	55000	DJ
SBREFF051LS	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86 d	02/05/90	0	ug/L	2300	U	2300	U	2300	U	2300	U
SBREFF051LS	8910147	AQUEOUS	10/22/89	10/23/89	11/27/89	29 b	01/31/90	25 e	ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF051LSDL	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86 d	02/06/90	0	ug/L	23000	U	23000	U	23000	U	23000	U
SBREFF051SS	9001135	SOIL	10/22/89	10/23/89	01/24/90	80 c	02/07/90	0	ug/kg	53000	U	250000		310000		51000	J
SBREFF051SS	8910147	SOIL	10/22/89	10/23/89	11/21/89	16 a	01/27/90	27 e	ug/kg	80000	U	98000		96000		80000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q	Benzo-(a)-An-thracene	Q
SBREFF061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/27/90	0		ug/L	1200	U	1200	U	1200	U	1200	U
SBREFF061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF061LSDL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		ug/L	24000	U	24000	U	24000	U	24000	U
SBREFF061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		ug/L	61000	U	54000	J	45000	J	61000	U
SBREFF061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		ug/kg	49000	U	220000		350000		44000	J
SBREFF061SSDL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		ug/kg	97000	U	250000	D	320000	D	97000	U
SBREFF071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	ug/L	11000	U	11000	U	11000	U	11000	U
SBREFF071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/08/90	0		ug/L	2300	U	2300	U	2300	U	2300	U
SBREFF071LSDL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/09/90	0		ug/L	23000	U	23000	U	23000	U	23000	U
SBREFF071SS	8910161	SOIL	10/24/89	10/25/89	11/27/89	20	a	01/27/90	21	e	ug/kg	42000	U	64000		57000		42000	U
SBREFF071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		ug/kg	48000	U	170000		310000		28000	J
SBREFF071SSDL	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/09/90	0		ug/kg	95000	U	200000	D	280000	D	95000	U
SBREFF081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF081LSDL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	7700	U	7700	U	7700	U	7700	U
SBREFF081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	ug/kg	92000	U	92000	U	92000	U	92000	U
SBREFF081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/08/90	0		ug/kg	48000	U	160000		290000		44000	J
SBREFF081SSDL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	96000	U	160000	D	290000	D	96000	U
SBREFF085LSDL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	7500	U	7500	U	7500	U	7500	U
SBREFF085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBREFF085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4400	U	4400	U	4400	U	4400	U
SBREFF085SSDL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/16/90	0		ug/kg	100000	U	210000	D	330000	D	100000	U
SBREFF085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/12/90	0		ug/kg	50000	U	180000		290000		50000	U
SBREFF085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/02/90	2	e	ug/kg	140000	U	88000	J	110000	J	140000	U
SBREFF091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		ug/L	5700	U	5700	U	5700	U	5700	U
SBREFF091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	ug/L	4100	U	4100	U	4100	U	4100	U
SBREFF091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		ug/kg	50000	U	120000		360000		50000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q	Benzo-(a)-An-thracene	Q
SBREFF091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/20/89	0		ug/kg	110000	U	89000	J	170000		110000	U
SBREFF091SSDL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		ug/kg	150000	U	130000	DJ	260000	D	150000	U
SBREFF101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/10/90	15	e	ug/kg	4300	U	4300	U	4300	U	4300	U
SBREFF101LS	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/06/90	0		ug/L	2800	U	2800	U	2800	U	2800	U
SBREFF101LSDL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		ug/L	28000	U	28000	U	28000	U	28000	U
SBREFF101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		ug/kg	48000	U	83000		330000		35000	J
SBREFF101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/19/89	0		ug/kg	160000	U	62000	J	140000	J	160000	U
SBREFF101SSDL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/09/90	0		ug/kg	95000	U	95000	DJ	260000	D	95000	U
SBREFF111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	ug/L	44	J	390	U	390	U	390	U
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/23/89	0		ug/kg	160000	U	79000	J	230000		160000	U
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/21/89	10	a	03/01/90	60	g	ug/kg	10000	U	1400	J	5000	J	10000	U
SBREFF111SS	9001135	SOIL	10/28/89	10/27/89	01/24/90	74	c	02/08/90	0		ug/kg	49000	U	55000		320000		27000	J
SBREFF121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	ug/L	420	U	420	U	420	U	420	U
SBREFF121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/12/90	0		ug/L	530	U	530	U	530	U	530	U
SBREFF121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/15/90	0		ug/kg	7800	J	43000		210000		26000	
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	ug/kg	71000	U	21000	J	110000		18000	J
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	ug/kg	46000	U	46000	U	20000	J	46000	U
SBREFF121SSDL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/14/90	0		ug/kg	50000	U	50000	U	220000	D	50000	U
SBREFF131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/11/90	16	e	ug/L	74	U	74	U	74	U	74	U
SBREFF131LSDL	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/08/90	0		ug/L	10000	U	10000	U	10000	U	10000	U
SBREFF131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	01/27/90	28	e	ug/kg	76000	U	76000	U	100000		76000	U
SBREFF131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		ug/kg	55000	U	55000	U	200000		55000	U
SBREFF141LS	9001135	AQUEOUS	10/31/89	11/01/89	01/23/90	77	c	02/12/90	0		ug/L	470	U	470	U	470	U	470	U
SBREFF141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/16/90	21	e	ug/L	70	U	70	U	70	U	70	U
SBREFF141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/15/90	0		ug/kg	11000	U	11000	U	64000		9700	J

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Anth-racene	Q	Fluor-anthene	Q	Pyrene	Q	Benzo-(a)-An-thracene	Q
SBREFF141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	ug/kg	9200	U	1500	J	52000		9200	U
SBREFF141SSDL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/14/90	0		ug/kg	52000	U	52000	U	76000	D	52000	U
SBREQB021	8910121	AQUEOUS	10/18/89	10/19/89	11/01/89	7	a	01/11/90	31	f	ug/L	5	U	5	U	5	U	5	U
SBREQB041	8910144	AQUEOUS	10/20/89	10/21/89	11/01/89	5	a	01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB061	8910147	AQUEOUS	10/22/89	10/23/89	11/01/89	3	a	01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB081	8910161	AQUEOUS	10/24/89	10/25/89	11/01/89	1	a	02/01/90	52	f	ug/L	10	U	10	U	10	U	10	U
SBREQB101	8910180	AQUEOUS	10/26/89	10/27/89	11/01/89	0		01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB121	8910187	AQUEOUS	10/28/89	10/30/89	01/29/90	86	d	02/02/90	0		ug/L	10	U	10	U	10	U	10	U
SBREQB141	8910195	AQUEOUS	10/30/89	10/31/89	11/01/89	0		01/11/90	31	f	ug/L	5	U	5	U	5	U	5	U
SBRCAR141	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/27/90	70	g	ug/kg	980	U	980	U	980	U	980	U
SBRCAR142	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/28/90	71	g	ug/kg	990	U	990	U	990	U	990	U
SBRCAR142RE	8911001	SOIL	10/31/89	11/01/89	02/13/90	91	d	02/20/90	0		ug/kg	990	U	990	U	990	U	990	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Chrysene	Q	Benzo(b)-Fluor-anthene	Q	Benzo(k)Fluor-anthene	Q	Benzo(a)-Pyrene	Q
SBRIN011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/09/90	14	e	ug/L	5600	U	5600	U	5600	U	5600	U
SBRIN011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		ug/L	5100	U	5100	U	5100	U	5100	U
SBRIN011LS_DL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		ug/L	10000	U	10000	U	10000	U	10000	U
SBRIN011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/16/90	0		ug/kg	140000	J	190000	U	190000	U	190000	U
SBRIN011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	ug/kg	68000	J	67000	J	110000	U	110000	U
SBRIN021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	ug/L	9400	U	9400	U	9400	U	9400	U
SBRIN021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBRIN021LS_DL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/21/90	0		ug/L	25000	U	25000	U	25000	U	25000	U
SBRIN021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/22/90	0		ug/kg	180000		52000		99000		47000	J
SBRIN021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/23/90	23	e	ug/kg	91000	U	91000	U	91000	U	91000	U
SBRIN021SS_DL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/16/90	0		ug/kg	130000	DJ	200000	U	200000	U	200000	U
SBRIN031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		ug/L	2800	U	2800	U	2800	U	2800	U
SBRIN031LS_DL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/07/90	0		ug/L	11000	U	11000	U	11000	U	11000	U
SBRIN031SS	8910144	SOIL	10/20/89	10/21/89	11/21/89	18	a	01/24/90	24	e	ug/L	130000	U	130000	U	130000	U	130000	U
SBRIN031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/22/90	0		ug/kg	160000		53000		87000		18000	J
SBRIN031SS_DL	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/16/90	0		ug/kg	120000	DJ	180000	U	180000	U	180000	U
SBRIN041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		ug/L	2500	U	2500	U	2500	U	2500	U
SBRIN041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	ug/L	3900	U	3900	U	3900	U	3900	U
SBRIN041LS_DL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		ug/L	5000	U	5000	U	5000	U	5000	U
SBRIN041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	01/27/90	28	e	ug/kg	250000	U	250000	U	250000	U	250000	U
SBRIN041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	110000		66000		50000	U	21000	J
SBRIN041SS_DL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/09/90	0		ug/kg	99000	U	99000	U	99000	U	99000	U
SBRIN061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	ug/L	5100	U	5100	U	5100	U	5100	U
SBRIN061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	03/01/90	0		ug/L	930	U	930	U	930	U	930	U
SBRIN061LS_DL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		ug/L	12000	U	12000	U	12000	U	12000	U
SBRIN061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		ug/kg	120000		49000	U	49000	U	28000	J
SBRIN061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		ug/kg	110000	U	110000	U	110000	U	110000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000650

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Chrysene	Q	Benzo(b)-Fluor-anthene	Q	Benzo(k) Fluor-anthene	Q	Benzo(a)-Pyrene	Q
SBRIN061SS_DL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		ug/kg	200000	U	200000	U	200000	U	200000	U
SBRIN071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		ug/L	2400	U	2400	U	2400	U	2400	U
SBRIN071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	ug/kg	9400	U	9400	U	9400	U	9400	U
SBRIN071LS_DL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		ug/L	24000	U	24000	U	24000	U	24000	U
SBRIN071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		ug/kg	68000		47000	J	52000	U	52000	U
SBRIN071SS	8910161	SOIL	10/24/89	10/25/89	11/20/89	13	a	12/16/89	0		ug/kg	91000	U	91000	U	91000	U	91000	U
SBRIN081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2900	U	2900	U	2900	U	2900	U
SBRIN081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4700	U	4700	U	4700	U	4700	U
SBRIN081LS_DL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	12000	U	12000	U	12000	U	12000	U
SBRIN081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/07/90	0		ug/kg	93000		87000		52000	U	31000	J
SBRIN081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	12/30/89	0		ug/kg	110000	U	110000	U	110000	U	110000	U
SBRIN081SS_DL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	210000	U	210000	U	210000	U	210000	U
SBRIN085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2900	U	2900	U	2900	U	2900	U
SBRIN085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4200	U	4200	U	4200	U	4200	U
SBRIN085LS_DL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	5800	U	5800	U	5800	U	5800	U
SBRIN085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	82000		48000	U	48000	U	48000	U
SBRIN085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	ug/kg	57000	J	49000	J	170000	U	170000	U
SBRIN085SS_DL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	190000	U	190000	U	190000	U	190000	U
SBRIN091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	ug/L	4000	U	4000	U	4000	U	4000	U
SBRIN091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		ug/L	5700	U	5700	U	5700	U	5700	U
SBRIN091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/22/89	0		ug/kg	150000	U	150000	U	150000	U	150000	U
SBRIN091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		ug/kg	80000		85000		50000	U	32000	J
SBRIN091SS_DL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		ug/kg	250000	U	250000	U	250000	U	250000	U
SBRIN101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/09/90	14	e	ug/kg	4100	U	4100	U	4100	U	4100	U
SBRIN101LS	9001135	AQUEOUS	10/27/89	10/27/89	01/23/90	81	c	02/06/90	0		ug/L	2300	U	2300	U	2300	U	2300	U
SBRIN101LS_DL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		ug/L	9200	U	9200	U	9200	U	9200	U
SBRIN101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		ug/kg	63000		70000		49000	U	27000	J

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000651

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT Q	DATE ANALYZED	DAYS LATE TO ANALYZE Q	Units	Chrysene Q	Benzo(b)-Fluor-anthene Q	Benzo(k)Fluor-anthene Q	Benzo(a)-Pyrene Q
SBRIN101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10 a	12/16/89	0	ug/kg	150000 U	150000 U	150000 U	150000 U
SBRIN101SS_DL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75 c	02/12/90	0	ug/kg	240000 U	240000 U	240000 U	240000 U
SBRIN111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12 a	01/10/90	15 e	ug/L	4300 U	4300 U	4300 U	4300 U
SBRIN111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80 c	02/06/90	0	ug/L	2600 U	2600 U	2600 U	2600 U
SBRIN111SS	9001135	SOIL	10/28/89	10/30/89	01/24/90	74 c	02/08/90	0	ug/kg	43000 J	50000	49000 U	49000 U
SBRIN111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9 a	12/16/89	0	ug/L	96000 U	96000 U	96000 U	96000 U
SBRIN111SS_DL	9001135	SOIL	10/28/89	10/30/89	01/24/90	74 c	02/09/90	0	ug/kg	150000 U	150000 U	150000 U	150000 U
SBRIN121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79 c	02/08/90	0	ug/L	4900 U	4900 U	4900 U	4900 U
SBRIN121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11 a	01/10/90	15 e	ug/L	4200 U	4200 U	4200 U	4200 U
SBRIN121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73 c	02/08/90	0	ug/kg	50000	62000	48000 U	23000 J
SBRIN121SS	8910187	SOIL	10/29/89	10/30/89	11/20/89	8 a	12/15/89	0	ug/L	43000 J	65000 U	65000 U	65000 U
SBRIN121SS_DL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73 c	02/10/90	0	ug/kg	140000 U	140000 U	140000 U	140000 U
SBRIN131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10 a	01/10/90	15 e	ug/L	4300 U	4300 U	4300 U	4300 U
SBRIN131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78 c	02/12/90	0	ug/L	540 U	540 U	540 U	540 U
SBRIN131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72 c	02/12/90	0	ug/kg	50000 U	50000 U	50000 U	50000 U
SBRIN131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7 a	12/16/89	0	ug/kg	130000 U	130000 U	130000 U	130000 U
SBRIN131SS_DL	9001135	SOIL	10/30/89	10/31/89	01/24/90	72 c	02/16/90	0	ug/kg	62000 DJ	100000 U	100000 U	100000 U
SBRIN141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9 a	01/10/90	15 e	ug/L	4300 U	4300 U	4300 U	4300 U
SBRIN141LS	9001135	AQUEOUS	10/31/89	10/31/89	01/23/90	77 c	02/06/90	0	ug/L	2500 U	2500 U	2500 U	2500 U
SBRIN141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6 a	03/01/90	61 g	ug/kg	5200 J	3500 J	17000 U	17000 U
SBRIN141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71 c	02/12/90	0	ug/kg	5200 J	50000 U	50000 U	50000 U
SBRIN141SS_DL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71 c	02/16/90	0	ug/kg	58000 DJ	99000 U	99000 U	99000 U
SBREFF011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90 d	02/05/90	0	ug/L	4000 U	4000 U	4000 U	4000 U
SBREFF011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22 a	01/10/90	15 e	ug/L	8800 U	8800 U	8800 U	8800 U
SBREFF011LSDL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90 d	02/07/90	0	ug/L	40000 U	40000 U	40000 U	40000 U
SBREFF011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20 a	01/31/90	31 f	ug/kg	120000 U	120000 U	120000 U	120000 U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000652

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Chrysene	Q	Benzo(b)-Fluor-anthene	Q	Benzo(k) Fluor-anthene	Q	Benzo(a)-Pyrene	Q
SBREFF011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/07/90	0		ug/kg	86000		71000		48000	U	48000	U
SBREFF011SSDL	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/08/90	0		ug/kg	95000	U	95000	U	95000	U	95000	U
SBREFF021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	ug/L	9100	U	9100	U	9100	U	9100	U
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/16/89	21	a	01/09/90	14	e	ug/kg	4100	U	4100	U	4100	U	4100	U
SBREFF021LSDL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/08/90	0		ug/L	5200	U	5200	U	5200	U	5200	U
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/24/90	24	e	ug/kg	110000	U	110000	U	110000	U	110000	U
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/20/89	18	a	12/22/89	0		ug/kg	48000	U	48000	U	48000	U	48000	U
SBREFF021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/07/90	0		ug/kg	87000		49000	U	49000	U	49000	U
SBREFF021SSDL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/09/90	0		ug/kg	97000	U	97000	U	97000	U	97000	U
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31	b	01/24/90	18	e	ug/L	7700	U	7700	U	7700	U	7700	U
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31	b	01/24/90	18	e	ug/L	9100	U	9100	U	9100	U	9100	U
SBREFF031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		ug/L	2400	U	2400	U	2400	U	2400	U
SBREFF031LSDL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/06/90	0		ug/L	24000	U	24000	U	24000	U	24000	U
SBREFF031SS	8910144	SOIL	10/20/89	10/21/89	11/20/89	17	a	12/16/89	0		ug/L	79000	J	110000	U	110000	U	110000	U
SBREFF031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/07/90	0		ug/kg	87000		61000		50000	U	19000	J
SBREFF041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		ug/L	2800	U	2800	U	2800	U	2800	U
SBREFF041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF041LSDL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		ug/L	55000	U	55000	U	55000	U	55000	U
SBREFF041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	110000		51000		42000	J	49000	U
SBREFF041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	12/23/89	0		ug/kg	170000	U	170000	U	170000	U	170000	U
SBREFF041SSDL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	110000	D	98000	U	98000	U	98000	U
SBREFF051LS	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86	d	02/05/90	0		ug/L	2300	U	2300	U	2300	U	2300	U
SBREFF051LS	8910147	AQUEOUS	10/22/89	10/23/89	11/27/89	29	b	01/31/90	25	e	ug/L	4500	U	4500	U	4500	U	4500	U
SBREFF051LSDL	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86	d	02/06/90	0		ug/L	23000	U	23000	U	23000	U	23000	U
SBREFF051SS	9001135	SOIL	10/22/89	10/23/89	01/24/90	80	c	02/07/90	0		ug/kg	91000		53000	U	53000	U	53000	U
SBREFF051SS	8910147	SOIL	10/22/89	10/23/89	11/21/89	16	a	01/27/90	27	e	ug/kg	80000	U	80000	U	80000	U	80000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000653

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT Q	DATE ANALYZED	DAYS LATE TO ANALYZE Q	Units	Chrysene Q	Benzo(b)-Fluor-anthene Q	Benzo(k)Fluor-anthene Q	Benzo(a)-Pyrene Q
SBREFF061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115 d	02/27/90	0	ug/L	1200 U	1200 U	1200 U	1200 U
SBREFF061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28 a	02/16/90	41 f	ug/L	4500 U	4500 U	4500 U	4500 U
SBREFF061LSDL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115 d	02/28/90	0	ug/L	24000 U	24000 U	24000 U	24000 U
SBREFF061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14 a	12/16/89	0	ug/L	61000 U	61000 U	61000 U	61000 U
SBREFF061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79 c	02/07/90	0	ug/kg	75000	68000	49000 U	22000 J
SBREFF061SSDL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79 c	02/09/90	0	ug/kg	97000 U	97000 U	97000 U	97000 U
SBREFF071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27 a	01/27/90	21 e	ug/L	11000 U	11000 U	11000 U	11000 U
SBREFF071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84 c	02/08/90	0	ug/L	2300 U	2300 U	2300 U	2300 U
SBREFF071LSDL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84 c	02/09/90	0	ug/L	23000 U	23000 U	23000 U	23000 U
SBREFF071SS	8910161	SOIL	10/24/89	10/25/89	11/27/89	20 a	01/27/90	21 e	ug/kg	42000 U	42000 U	42000 U	42000 U
SBREFF071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78 c	02/07/90	0	ug/kg	53000	58000	48000 U	18000 J
SBREFF071SSDL	9001135	SOIL	10/24/89	10/25/89	01/24/90	78 c	02/09/90	0	ug/kg	95000 U	95000 U	95000 U	95000 U
SBREFF081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83 c	02/06/90	0	ug/L	2600 U	2600 U	2600 U	2600 U
SBREFF081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26 a	12/28/89	0	ug/L	4500 U	4500 U	4500 U	4500 U
SBREFF081LSDL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83 c	02/06/90	0	ug/L	7700 U	7700 U	7700 U	7700 U
SBREFF081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13 a	01/05/90	5 e	ug/kg	92000 U	92000 U	92000 U	92000 U
SBREFF081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77 c	02/08/90	0	ug/kg	47000 J	48000 U	48000 U	48000 U
SBREFF081SSDL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77 c	02/09/90	0	ug/kg	96000 U	96000 U	96000 U	96000 U
SBREFF085LSDL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83 c	02/06/90	0	ug/L	7500 U	7500 U	7500 U	7500 U
SBREFF085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83 c	02/06/90	0	ug/L	2500 U	2500 U	2500 U	2500 U
SBREFF085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26 a	12/28/89	0	ug/L	4400 U	4400 U	4400 U	4400 U
SBREFF085SSDL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77 c	02/16/90	0	ug/kg	50000 DJ	100000 U	100000 U	100000 U
SBREFF085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77 c	02/12/90	0	ug/kg	50000 U	50000 U	50000 U	50000 U
SBREFF085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13 a	01/02/90	2 e	ug/kg	140000 U	140000 U	140000 U	140000 U
SBREFF091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82 c	02/07/90	0	ug/L	5700 U	5700 U	5700 U	5700 U
SBREFF091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14 a	01/09/90	14 e	ug/L	4100 U	4100 U	4100 U	4100 U
SBREFF091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76 c	02/08/90	0	ug/kg	39000 J	65000	50000 U	50000 U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000954

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Chrysene	Q	Benzo(b)-Fluor-anthene	Q	Benzo(k)Fluor-anthene	Q	Benzo(a)-Pyrene	Q
SBREFF091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/20/89	0		ug/kg	110000	U	110000	U	110000	U	110000	U
SBREFF091SSDL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		ug/kg	150000	U	150000	U	150000	U	150000	U
SBREFF101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/10/90	15	e	ug/kg	4300	U	4300	U	4300	U	4300	U
SBREFF101LS	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/06/90	0		ug/L	2800	U	2800	U	2800	U	2800	U
SBREFF101LSDL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		ug/L	28000	U	28000	U	28000	U	28000	U
SBREFF101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		ug/kg	39000	J	57000		48000	U	20000	J
SBREFF101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/19/89	0		ug/kg	160000	U	160000	U	160000	U	160000	U
SBREFF101SSDL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/09/90	0		ug/kg	95000	U	95000	U	95000	U	95000	U
SBREFF111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	ug/L	390	U	390	U	390	U	390	U
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/23/89	0		ug/kg	160000	U	160000	U	160000	U	160000	U
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/21/89	10	a	03/01/90	60	g	ug/kg	10000	U	10000	U	10000	U	10000	U
SBREFF111SS	9001135	SOIL	10/28/89	10/27/89	01/24/90	74	c	02/08/90	0		ug/kg	30000	J	59000		49000	U	49000	U
SBREFF121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	ug/L	420	U	420	U	420	U	420	U
SBREFF121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/12/90	0		ug/L	530	U	530	U	530	U	530	U
SBREFF121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/15/90	0		ug/kg	29000		53000		35000		36000	
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	ug/kg	19000	J	33000	J	34000	J	71000	U
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	ug/kg	46000	U	46000	U	46000	U	46000	U
SBREFF121SSDL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/14/90	0		ug/kg	50000	U	50000	U	50000	U	50000	U
SBREFF131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/06/90	0		ug/L	2600	U	2600	U	2600	U	2600	U
SBREFF131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/11/90	16	e	ug/L	74	U	74	U	74	U	74	U
SBREFF131LSDL	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/08/90	0		ug/L	10000	U	10000	U	10000	U	10000	U
SBREFF131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	01/27/90	28	e	ug/kg	76000	U	76000	U	76000	U	76000	U
SBREFF131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		ug/kg	55000	U	55000	U	55000	U	55000	U
SBREFF141LS	9001135	AQUEOUS	10/31/89	11/01/89	01/23/90	77	c	02/12/90	0		ug/L	470	U	470	U	470	U	470	U
SBREFF141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/16/90	21	e	ug/L	70	U	70	U	70	U	70	U
SBREFF141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/15/90	0		ug/kg	11000		41000		11000	U	18000	

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Chrysene	Q	Benzo(b)- Fluor- anthene	Q	Benzo(k) Fluor- anthene	Q	Benzo(a)- Pyrene	Q
SBREFF141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	ug/kg	2300	J	3900	J	2900	J	9800	
SBREFF141SSDL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/14/90	0		ug/kg	52000	U	52000	U	52000	U	52000	U
SBREQB021	8910121	AQUEOUS	10/18/89	10/19/89	11/01/89	7	a	01/11/90	31	f	ug/L	5	U	5	U	5	U	5	U
SBREQB041	8910144	AQUEOUS	10/20/89	10/21/89	11/01/89	5	a	01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB061	8910147	AQUEOUS	10/22/89	10/23/89	11/01/89	3	a	01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB081	8910161	AQUEOUS	10/24/89	10/25/89	11/01/89	1	a	02/01/90	52	f	ug/L	10	U	10	U	10	U	10	U
SBREQB101	8910180	AQUEOUS	10/26/89	10/27/89	11/01/89	0		01/12/90	32	f	ug/L	10	U	10	U	10	U	10	U
SBREQB121	8910187	AQUEOUS	10/28/89	10/30/89	01/29/90	86	d	02/02/90	0		ug/L	10	U	10	U	10	U	10	U
SBREQB141	8910195	AQUEOUS	10/30/89	10/31/89	11/01/89	0		01/11/90	31	f	ug/L	5	U	5	U	5	U	5	U
SBRCAR141	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/27/90	70	g	ug/kg	980	U	980	U	980	U	980	U
SBRCAR142	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/28/90	71	g	ug/kg	990	U	990	U	990	U	990	U
SBRCAR142RE	8911001	SOIL	10/31/89	11/01/89	02/13/90	91	d	02/20/90	0		ug/kg	990	U	990	U	990	U	990	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000656

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Benzo (g,h,i)- Perylene	Q
SBRIN011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/09/90	14	e	ug/L	5600	U
SBRIN011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		ug/L	5100	U
SBRIN011LS_DL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		ug/L	10000	U
SBRIN011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/16/90	0		ug/kg	190000	U
SBRIN011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	ug/kg	110000	U
SBRIN021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	ug/L	9400	U
SBRIN021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		ug/L	2500	U
SBRIN021LS_DL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/21/90	0		ug/L	25000	U
SBRIN021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/22/90	0		ug/kg	21000	J
SBRIN021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/23/90	23	e	ug/kg	91000	U
SBRIN021SS_DL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/16/90	0		ug/kg	200000	U
SBRIN031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		ug/L	2800	U
SBRIN031LS_DL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/07/90	0		ug/L	11000	U
SBRIN031SS	8910144	SOIL	10/20/89	10/21/89	11/21/89	18	a	01/24/90	24	e	ug/L	130000	U
SBRIN031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/22/90	0		ug/kg	46000	U
SBRIN031SS_DL	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/16/90	0		ug/kg	180000	U
SBRIN041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		ug/L	2500	U
SBRIN041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	ug/L	3900	U
SBRIN041LS_DL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		ug/L	5000	U
SBRIN041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	01/27/90	28	e	ug/kg	250000	U
SBRIN041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	50000	U
SBRIN041SS_DL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/09/90	0		ug/kg	99000	U
SBRIN061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	ug/L	5100	U
SBRIN061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	03/01/90	0		ug/L	930	U
SBRIN061LS_DL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		ug/L	12000	U
SBRIN061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		ug/kg	49000	U
SBRIN061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		ug/kg	110000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Benzo (g,h,i)- Perylene	Q
SBRIN061SS_DL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		ug/kg	200000	U
SBRIN071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		ug/L	2400	U
SBRIN071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	ug/kg	9400	U
SBRIN071LS_DL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/06/90	0		ug/L	24000	U
SBRIN071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		ug/kg	52000	U
SBRIN071SS	8910161	SOIL	10/24/89	10/25/89	11/20/89	13	a	12/16/89	0		ug/kg	91000	U
SBRIN081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2900	U
SBRIN081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4700	U
SBRIN081LS_DL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	12000	U
SBRIN081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/07/90	0		ug/kg	52000	U
SBRIN081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	12/30/89	0		ug/kg	110000	U
SBRIN081SS_DL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	210000	U
SBRIN085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2900	U
SBRIN085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4200	U
SBRIN085LS_DL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	5800	U
SBRIN085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	48000	U
SBRIN085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	ug/kg	170000	U
SBRIN085SS_DL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	190000	U
SBRIN091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	ug/L	4000	U
SBRIN091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		ug/L	5700	U
SBRIN091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/22/89	0		ug/kg	150000	U
SBRIN091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		ug/kg	50000	U
SBRIN091SS_DL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		ug/kg	250000	U
SBRIN101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/09/90	14	e	ug/kg	4100	U
SBRIN101LS	9001135	AQUEOUS	10/27/89	10/27/89	01/23/90	81	c	02/06/90	0		ug/L	2300	U
SBRIN101LS_DL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		ug/L	9200	U
SBRIN101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		ug/kg	49000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Benzo (g,h,i)- Perylene	Q
SBRIN101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/16/89	0		ug/kg	150000	U
SBRIN101SS_DL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/12/90	0		ug/kg	240000	U
SBRIN111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	ug/L	4300	U
SBRIN111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		ug/L	2600	U
SBRIN111SS	9001135	SOIL	10/28/89	10/30/89	01/24/90	74	c	02/08/90	0		ug/kg	49000	U
SBRIN111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/16/89	0		ug/L	96000	U
SBRIN111SS_DL	9001135	SOIL	10/28/89	10/30/89	01/24/90	74	c	02/09/90	0		ug/kg	150000	U
SBRIN121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/08/90	0		ug/L	4900	U
SBRIN121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	ug/L	4200	U
SBRIN121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/08/90	0		ug/kg	48000	U
SBRIN121SS	8910187	SOIL	10/29/89	10/30/89	11/20/89	8	a	12/15/89	0		ug/L	65000	U
SBRIN121SS_DL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/10/90	0		ug/kg	140000	U
SBRIN131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/10/90	15	e	ug/L	4300	U
SBRIN131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/12/90	0		ug/L	540	U
SBRIN131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		ug/kg	50000	U
SBRIN131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	12/16/89	0		ug/kg	130000	U
SBRIN131SS_DL	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/16/90	0		ug/kg	100000	U
SBRIN141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/10/90	15	e	ug/L	4300	U
SBRIN141LS	9001135	AQUEOUS	10/31/89	10/31/89	01/23/90	77	c	02/06/90	0		ug/L	2500	U
SBRIN141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	ug/kg	17000	U
SBRIN141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/12/90	0		ug/kg	50000	U
SBRIN141SS_DL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/16/90	0		ug/kg	99000	U
SBREFF011LS	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/05/90	0		ug/L	4000	U
SBREFF011LS	8910121	AQUEOUS	10/18/89	10/19/89	11/16/89	22	a	01/10/90	15	e	ug/L	8800	U
SBREFF011LSDL	9001135	AQUEOUS	10/18/89	10/19/89	01/23/90	90	d	02/07/90	0		ug/L	40000	U
SBREFF011SS	8910121	SOIL	10/18/89	10/19/89	11/21/89	20	a	01/31/90	31	f	ug/kg	120000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000659

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Benzo (g,h,i)- Perylene	Q
SBREFF011SS	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/07/90	0		ug/kg	48000	U
SBREFF011SSDL	9001135	SOIL	10/18/89	10/19/89	01/24/90	84	c	02/08/90	0		ug/kg	95000	U
SBREFF021LS	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/05/90	0		ug/L	2600	U
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/27/89	32	b	01/23/90	17	e	ug/L	9100	U
SBREFF021LS	8910137	AQUEOUS	10/19/89	10/20/89	11/16/89	21	a	01/09/90	14	e	ug/kg	4100	U
SBREFF021LSDL	9001135	AQUEOUS	10/19/89	10/20/89	01/23/90	89	d	02/08/90	0		ug/L	5200	U
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/21/89	19	a	01/24/90	24	e	ug/kg	110000	U
SBREFF021SS	8910137	SOIL	10/19/89	10/20/89	11/20/89	18	a	12/22/89	0		ug/kg	48000	U
SBREFF021SS	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/07/90	0		ug/kg	49000	U
SBREFF021SSDL	9001135	SOIL	10/19/89	10/20/89	01/24/90	83	c	02/09/90	0		ug/kg	97000	U
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31	b	01/24/90	18	e	ug/L	7700	U
SBREFF031LS	8910144	AQUEOUS	10/20/89	10/21/89	11/27/89	31	b	01/24/90	18	e	ug/L	9100	U
SBREFF031LS	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/05/90	0		ug/L	2400	U
SBREFF031LSDL	9001135	AQUEOUS	10/20/89	10/21/89	01/23/90	88	d	02/06/90	0		ug/L	24000	U
SBREFF031SS	8910144	SOIL	10/20/89	10/21/89	11/20/89	17	a	12/16/89	0		ug/L	110000	U
SBREFF031SS	9001135	SOIL	10/20/89	10/21/89	01/24/90	82	c	02/07/90	0		ug/kg	50000	U
SBREFF041LS	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/05/90	0		ug/L	2800	U
SBREFF041LS	8910147	AQUEOUS	10/21/89	10/23/89	11/27/89	30	b	01/31/90	25	e	ug/L	4500	U
SBREFF041LSDL	9001135	AQUEOUS	10/21/89	10/23/89	01/23/90	87	d	02/06/90	0		ug/L	55000	U
SBREFF041SS	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	49000	U
SBREFF041SS	8910147	SOIL	10/21/89	10/23/89	11/20/89	16	a	12/23/89	0		ug/kg	170000	U
SBREFF041SSDL	9001135	SOIL	10/21/89	10/23/89	01/24/90	81	c	02/07/90	0		ug/kg	98000	U
SBREFF051LS	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86	d	02/05/90	0		ug/L	2300	U
SBREFF051LS	8910147	AQUEOUS	10/22/89	10/23/89	11/27/89	29	b	01/31/90	25	e	ug/L	4500	U
SBREFF051LSDL	9001135	AQUEOUS	10/22/89	10/23/89	01/23/90	86	d	02/06/90	0		ug/L	23000	U
SBREFF051SS	9001135	SOIL	10/22/89	10/23/89	01/24/90	80	c	02/07/90	0		ug/kg	53000	U
SBREFF051SS	8910147	SOIL	10/22/89	10/23/89	11/21/89	16	a	01/27/90	27	e	ug/kg	80000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

FILE NAME: SBRPAH

DATE: 21-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Benzo (g,h,i)- Perylene	Q
SBREFF061LS	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/27/90	0		ug/L	1200	U
SBREFF061LS	8910157	AQUEOUS	10/23/89	10/24/89	11/27/89	28	a	02/16/90	41	f	ug/L	4500	U
SBREFF061LSDL	9001135	AQUEOUS	10/23/89	10/24/89	02/22/90	115	d	02/28/90	0		ug/L	24000	U
SBREFF061SS	8910157	SOIL	10/23/89	10/24/89	11/20/89	14	a	12/16/89	0		ug/L	61000	U
SBREFF061SS	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/07/90	0		ug/kg	49000	U
SBREFF061SSDL	9001135	SOIL	10/23/89	10/24/89	01/24/90	79	c	02/09/90	0		ug/kg	97000	U
SBREFF071LS	8910161	AQUEOUS	10/24/89	10/25/89	11/27/89	27	a	01/27/90	21	e	ug/L	11000	U
SBREFF071LS	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/08/90	0		ug/L	2300	U
SBREFF071LSDL	9001135	AQUEOUS	10/24/89	10/25/89	01/23/90	84	c	02/09/90	0		ug/L	23000	U
SBREFF071SS	8910161	SOIL	10/24/89	10/25/89	11/27/89	20	a	01/27/90	21	e	ug/kg	42000	U
SBREFF071SS	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/07/90	0		ug/kg	48000	U
SBREFF071SSDL	9001135	SOIL	10/24/89	10/25/89	01/24/90	78	c	02/09/90	0		ug/kg	95000	U
SBREFF081LS	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2600	U
SBREFF081LS	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4500	U
SBREFF081LSDL	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	7700	U
SBREFF081SS	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/05/90	5	e	ug/kg	92000	U
SBREFF081SS	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/08/90	0		ug/kg	48000	U
SBREFF081SSDL	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/09/90	0		ug/kg	96000	U
SBREFF085LSDL-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	7500	U
SBREFF085LS-SP01	9001135	AQUEOUS	10/25/89	10/26/89	01/23/90	83	c	02/06/90	0		ug/L	2500	U
SBREFF085LS-SP01	8910176	AQUEOUS	10/25/89	10/26/89	11/27/89	26	a	12/28/89	0		ug/L	4400	U
SBREFF085SSDL-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/16/90	0		ug/kg	100000	U
SBREFF085SS-SP01	9001135	SOIL	10/25/89	10/26/89	01/24/90	77	c	02/12/90	0		ug/kg	50000	U
SBREFF085SS-SP01	8910176	SOIL	10/25/89	10/26/89	11/21/89	13	a	01/02/90	2	e	ug/kg	140000	U
SBREFF091LS	9001135	AQUEOUS	10/26/89	10/27/89	01/23/90	82	c	02/07/90	0		ug/L	5700	U
SBREFF091LS	8910180	AQUEOUS	10/26/89	10/27/89	11/16/89	14	a	01/09/90	14	e	ug/L	4100	U
SBREFF091SS	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/08/90	0		ug/kg	50000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000661

SAIC #	HPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Benzo (g,h,i)- Perylene	Q
SBREFF091SS	8910180	SOIL	10/26/89	10/27/89	11/20/89	11	a	12/20/89	0		ug/kg	110000	U
SBREFF091SSDL	9001135	SOIL	10/26/89	10/27/89	01/24/90	76	c	02/09/90	0		ug/kg	150000	U
SBREFF101LS	8910183	AQUEOUS	10/27/89	10/28/89	11/16/89	13	a	01/10/90	15	e	ug/kg	4300	U
SBREFF101LS	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/06/90	0		ug/L	2800	U
SBREFF101LSDL	9001135	AQUEOUS	10/27/89	10/28/89	01/23/90	81	c	02/08/90	0		ug/L	28000	U
SBREFF101SS	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/08/90	0		ug/kg	48000	U
SBREFF101SS	8910183	SOIL	10/27/89	10/28/89	11/20/89	10	a	12/19/89	0		ug/kg	160000	U
SBREFF101SSDL	9001135	SOIL	10/27/89	10/28/89	01/24/90	75	c	02/09/90	0		ug/kg	95000	U
SBREFF111LS	9001135	AQUEOUS	10/28/89	10/30/89	01/23/90	80	c	02/06/90	0		ug/L	2600	U
SBREFF111LS	8910187	AQUEOUS	10/28/89	10/30/89	11/16/89	12	a	01/10/90	15	e	ug/L	390	U
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/20/89	9	a	12/23/89	0		ug/kg	160000	U
SBREFF111SS	8910187	SOIL	10/28/89	10/30/89	11/21/89	10	a	03/01/90	60	g	ug/kg	10000	U
SBREFF111SS	9001135	SOIL	10/28/89	10/27/89	01/24/90	74	c	02/08/90	0		ug/kg	49000	U
SBREFF121LS	8910187	AQUEOUS	10/29/89	10/30/89	11/16/89	11	a	01/10/90	15	e	ug/L	420	U
SBREFF121LS	9001135	AQUEOUS	10/29/89	10/30/89	01/23/90	79	c	02/12/90	0		ug/L	530	U
SBREFF121SS	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/15/90	0		ug/kg	10000	U
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	ug/kg	71000	U
SBREFF121SS	8910187	SOIL	10/29/89	10/30/89	11/21/89	9	a	03/01/90	60	g	ug/kg	46000	U
SBREFF121SSDL	9001135	SOIL	10/29/89	10/30/89	01/24/90	73	c	02/14/90	0		ug/kg	50000	U
SBREFF131LS	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/06/90	0		ug/L	2600	U
SBREFF131LS	8910195	AQUEOUS	10/30/89	10/31/89	11/16/89	10	a	01/11/90	16	e	ug/L	74	U
SBREFF131LSDL	9001135	AQUEOUS	10/30/89	10/31/89	01/23/90	78	c	02/08/90	0		ug/L	10000	U
SBREFF131SS	8910195	SOIL	10/30/89	10/31/89	11/20/89	7	a	01/27/90	28	e	ug/kg	76000	U
SBREFF131SS	9001135	SOIL	10/30/89	10/31/89	01/24/90	72	c	02/12/90	0		ug/kg	55000	U
SBREFF141LS	9001135	AQUEOUS	10/31/89	11/01/89	01/23/90	77	c	02/12/90	0		ug/L	470	U
SBREFF141LS	8911001	AQUEOUS	10/31/89	11/01/89	11/16/89	9	a	01/16/90	21	e	ug/L	70	U
SBREFF141SS	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/15/90	0		ug/kg	11000	U

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000662

SAIC #	MPELI #	SOIL/ AQUEOUS	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DAYS LATE TO EXTRACT	Q	DATE ANALYZED	DAYS LATE TO ANALYZE	Q	Units	Benzo (g,h,i)- Perylene	Q
SBREFF141SS	8911001	SOIL	10/31/89	11/01/89	11/20/89	6	a	03/01/90	61	g	ug/kg	6500	J
SBREFF141SSDL	9001135	SOIL	10/31/89	11/01/89	01/24/90	71	c	02/14/90	0		ug/kg	52000	U
SBREQB021	8910121	AQUEOUS	10/18/89	10/19/89	11/01/89	7	a	01/11/90	31	f	ug/L	5	U
SBREQB041	8910144	AQUEOUS	10/20/89	10/21/89	11/01/89	5	a	01/12/90	32	f	ug/L	10	U
SBREQB061	8910147	AQUEOUS	10/22/89	10/23/89	11/01/89	3	a	01/12/90	32	f	ug/L	10	U
SBREQB081	8910161	AQUEOUS	10/24/89	10/25/89	11/01/89	1	a	02/01/90	52	f	ug/L	10	U
SBREQB101	8910180	AQUEOUS	10/26/89	10/27/89	11/01/89	0		01/12/90	32	f	ug/L	10	U
SBREQB121	8910187	AQUEOUS	10/28/89	10/30/89	01/29/90	86	d	02/02/90	0		ug/L	10	U
SBREQB141	8910195	AQUEOUS	10/30/89	10/31/89	11/01/89	0		01/11/90	31	f	ug/L	5	U
SBRCAR141	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/27/90	70	g	ug/kg	980	U
SBRCAR142	8911001	SOIL	10/31/89	11/01/89	11/09/89	0		02/28/90	71	g	ug/kg	990	U
SBRCAR142RE	8911001	SOIL	10/31/89	11/01/89	02/13/90	91	d	02/20/90	0		ug/kg	990 U	

Days Late to Extract Q: a = 1-28, b = 29-56, c = 57-84, d = 85-OVER; Days Late to Analyze Q: e = 1-28, f = 29-56, g = 57-84, h = 85-OVER

000683

OTHER ORGANIC AND METALS DATA

SBR-IN.WK1

SRB INFLUENT

SAMPLE ID	GRAB	TIME	DATE
SBR-IN-01-1	1	14:04	10/17/89
SBR-IN-01-1	2	17:54	10/17/89
SBR-IN-01-1	3	21:30	10/17/89
SBR-IN-01-1	4	01:55	10/18/89
SBR-IN-01-1	5	05:37	10/18/89
SBR-IN-01-1	6	09:37	10/18/89
SBR-IN-02-1	1	13:50	10/18/89
SBR-IN-02-1	2	17:55	10/18/89
SBR-IN-02-1	3	21:53	10/18/89
SBR-IN-02-1	4	02:22	10/19/89
SBR-IN-02-1	5	05:57	10/19/89
SBR-IN-02-1	6	09:57	10/19/89
SBR-IN-03-1	1	13:59	10/19/89
SBR-IN-03-1	2	18:38	10/19/89
SBR-IN-03-1	3	21:38	10/19/89
SBR-IN-03-1	4	01:45	10/20/89
SBR-IN-03-1	5	06:00	10/20/89
SBR-IN-03-1	6	09:22	10/20/89
SBR-IN-04-1	1	14:04	10/20/89
SBR-IN-04-1	2	17:59	10/20/89
SBR-IN-04-1	3	21:40	10/20/89
SBR-IN-04-1	4	01:55	10/21/89
SBR-IN-04-1	5	06:05	10/21/89
SBR-IN-04-1	6	09:50	10/21/89
SBR-IN-05-1	1	13:54	10/21/89
SBR-IN-05-1	2	17:54	10/21/89
SBR-IN-05-1	3	21:38	10/21/89
SBR-IN-05-1	4	02:10	10/22/89
SBR-IN-05-1	5	05:52	10/22/89
SBR-IN-05-1	6	09:55	10/22/89
SBR-IN-06-1	1	14:13	10/22/89
SBR-IN-06-1	2	18:25	10/22/89
SBR-IN-06-1	3	21:44	10/22/89
SBR-IN-06-1	4	02:18	10/23/89
SBR-IN-06-1	5	06:05	10/23/89
SBR-IN-06-1	6	10:06	10/23/89
SBR-IN-07-1	1	13:52	10/23/89
SBR-IN-07-1	2	18:09	10/23/89
SBR-IN-07-1	3	21:38	10/23/89
SBR-IN-07-1	4	01:53	10/24/89
SBR-IN-07-1	5	06:07	10/24/89
SBR-IN-07-1	6	10:00	10/24/89
SBR-IN-08-1	1	13:59	10/24/89
SBR-IN-08-1	2	17:55	10/24/89

SBR-IN.WK1

SRB INFLUENT

SAMPLE ID	GRAB	TIME	DATE
SBR-IN-08-1	3	21:43	10/24/89
SBR-IN-08-1	4	01:48	10/25/89
SBR-IN-08-1	5	05:50	10/25/89
SBR-IN-08-1	6	09:29	10/25/89
SBR-IN-09-1	1	13:59	10/25/89
SBR-IN-09-1	2	18:25	10/25/89
SBR-IN-09-1	3	21:40	10/25/89
SBR-IN-09-1	4	01:50	10/26/89
SBR-IN-09-1	5	06:03	10/26/89
SBR-IN-09-1	6	09:46	10/26/89
SBR-IN-10-1	1	13:50	10/26/89
SBR-IN-10-1	2	18:01	10/26/89
SBR-IN-10-1	3	21:39	10/26/89
SBR-IN-10-1	4	01:33	10/27/89
SBR-IN-10-1	5	05:53	10/27/89
SBR-IN-10-1	6	09:47	10/27/89
SBR-IN-11-1	1	14:10	10/27/89
SBR-IN-11-1	2	18:03	10/27/89
SBR-IN-11-1	3	21:38	10/27/89
SBR-IN-11-1	4	01:35	10/27/89
SBR-IN-11-1	5	06:15	10/27/89
SBR-IN-11-1	6	09:42	10/27/89
SBR-IN-12-1	1	14:08	10/28/89
SBR-IN-12-1	2	18:07	10/28/89
SBR-IN-12-1	3	21:40	10/28/89
SBR-IN-12-1	4	01:30	10/29/89
SBR-IN-12-1	5	06:08	10/29/89
SBR-IN-12-1	6	09:30	10/29/89
SBR-IN-13-1	1	13:58	10/29/89
SBR-IN-13-1	2	18:04	10/29/89
SBR-IN-13-1	3	21:34	10/29/89
SBR-IN-13-1	4	01:25	10/29/89
SBR-IN-13-1	5	06:09	10/29/89
SBR-IN-13-1	6	09:35	10/29/89
SBR-IN-14-1	1	14:08	10/30/89
SBR-IN-14-1	2	18:00	10/30/89
SBR-IN-14-1	3	21:32	10/30/89
SBR-IN-14-1	4	01:24	10/31/89
SBR-IN-14-1	5	05:49	10/31/89
SBR-IN-14-1	6	09:51	10/31/89

SBR-EFF.WK1

SBR-EFFLUENT

SAMPLE ID	GRAB	TIME	DATE
SBR-EFF-01-1	1	14:04	10/17/89
SBR-EFF-01-1	2	17:50	10/17/89
SBR-EFF-01-1	3	21:30	10/17/89
SBR-EFF-01-1	4	01:46	10/18/89
SBR-EFF-01-1	5	05:35	10/18/89
SBR-EFF-01-1	6	09:02	10/18/89
SBR-EFF-02-1	1	15:03	10/18/89
SBR-EFF-02-1	2	17:55	10/18/89
SBR-EFF-02-1	3	21:22	10/18/89
SBR-EFF-02-1	4	02:03	10/19/89
SBR-EFF-02-1	5	05:51	10/19/89
SBR-EFF-02-1	6	09:44	10/19/89
SBR-EFF-03-1	1	14:02	10/19/89
SBR-EFF-03-1	2	17:26	10/19/89
SBR-EFF-03-1	3	21:37	10/19/89
SBR-EFF-03-1	4	01:37	10/20/89
SBR-EFF-03-1	5	05:30	10/20/89
SBR-EFF-03-1	6	09:22	10/20/89
SBR-EFF-04-1	1	14:08	10/20/89
SBR-EFF-04-1	2	17:17	10/20/89
SBR-EFF-04-1	3	21:31	10/20/89
SBR-EFF-04-1	4	01:32	10/21/89
SBR-EFF-04-1	5	05:29	10/21/89
SBR-EFF-04-1	6	09:25	10/21/89
SBR-EFF-05-1	1	13:55	10/21/89
SBR-EFF-05-1	2	17:29	10/21/89
SBR-EFF-05-1	3	21:35	10/21/89
SBR-EFF-05-1	4	01:37	10/22/89
SBR-EFF-05-1	5	05:30	10/22/89
SBR-EFF-05-1	6	09:45	10/22/89
SBR-EFF-06-1	1	13:54	10/22/89
SBR-EFF-06-1	2	18:19	10/22/89
SBR-EFF-06-1	3	21:38	10/22/89
SBR-EFF-06-1	4	01:40	10/23/89
SBR-EFF-06-1	5	05:47	10/23/89
SBR-EFF-06-1	6	09:10	10/23/89
SBR-EFF-07-1	1	13:47	10/23/89
SBR-EFF-07-1	2	18:00	10/23/89
SBR-EFF-07-1	3	21:35	10/23/89
SBR-EFF-07-1	4	01:36	10/24/89
SBR-EFF-07-1	5	05:40	10/24/89
SBR-EFF-07-1	6	09:40	10/24/89
SBR-EFF-08-1	1	14:00	10/24/89
SBR-EFF-08-1	2	17:50	10/24/89

SBR-EFF.WK1

SBR-EFFLUENT

SAMPLE ID	GRAB	TIME	DATE
SBR-EFF-08-1	3	21:38	10/24/89
SBR-EFF-08-1	4	01:15	10/25/89
SBR-EFF-08-1	5	05:14	10/25/89
SBR-EFF-08-1	6	08:44	10/25/89
SBR-EFF-09-1	1	13:48	10/25/89
SBR-EFF-09-1	2	18:10	10/25/89
SBR-EFF-09-1	3	21:35	10/25/89
SBR-EFF-09-1	4	01:45	10/26/89
SBR-EFF-09-1	5	05:20	10/26/89
SBR-EFF-09-1	6	09:15	10/26/89
SBR-EFF-10-1	1	13:53	10/26/89
SBR-EFF-10-1	2	18:00	10/26/89
SBR-EFF-10-1	3	21:38	10/26/89
SBR-EFF-10-1	4	01:32	10/27/89
SBR-EFF-10-1	5	05:43	10/27/89
SBR-EFF-10-1	6	09:06	10/27/89
SBR-EFF-11-1	1	14:16	10/27/89
SBR-EFF-11-1	2	18:02	10/27/89
SBR-EFF-11-1	3	21:37	10/27/89
SBR-EFF-11-1	4	01:36	10/28/89
SBR-EFF-11-1	5	05:00	10/28/89
SBR-EFF-11-1	6	09:14	10/28/89
SBR-EFF-12-1	1	14:09	10/28/89
SBR-EFF-12-1	2	18:05	10/28/89
SBR-EFF-12-1	3	21:39	10/28/89
SBR-EFF-12-1	4	01:39	10/29/89
SBR-EFF-12-1	5	05:22	10/29/89
SBR-EFF-12-1	6	09:07	10/29/89
SBR-EFF-13-1	1	14:07	10/29/89
SBR-EFF-13-1	2	18:03	10/29/89
SBR-EFF-13-1	3	21:32	10/29/89
SBR-EFF-13-1	4	01:40	10/30/89
SBR-EFF-13-1	5	05:00	10/30/89
SBR-EFF-13-1	6	09:00	10/30/89
SBR-EFF-14-1	1	14:13	10/30/89
SBR-EFF-14-1	2	17:59	10/30/89
SBR-EFF-14-1	3	21:31	10/30/89
SBR-EFF-14-1	4	01:32	10/31/89
SBR-EFF-14-1	5	05:37	10/31/89
SBR-EFF-14-1	6	09:00	10/31/89

WTEFFDRM.WK1

SBR
WT. OF EFFLUENT DRUM

DAY	DATE	DRUM	TIME	WEIGHT OF DRUM (LBS)	WEIGHT OF SAMPLE (LBS)
1	10/17/89	SBR-1	12:00	42.0	0.0
1	10/17/89	SBR-1	17:54	56.0	14.0
1	10/17/89	SBR-1	21:30	62.5	20.5
1	10/18/89	SBR-1	02:08	72.5	31.5
1	10/18/89	SBR-1	05:35	79.5	37.5
1	10/18/89	SBR-1	09:02	85.5	43.5
2	10/18/89	SBR-1	10:45	86.0	44.0
2	10/18/89	SBR-1	13:30	99.0	57.0
2	10/18/89	SBR-1	19:35	108.0	66.0
2	10/18/89	SBR-1	21:25	112.5	70.5
2	10/19/89	SBR-1	01:45	126.5	84.5
2	10/19/89	SBR-1	05:53	133.0	91.0
2	10/19/89	SBR-1	09:43	135.0	93.0
3	10/19/89	SBR-1	13:50	143.5	101.5
3	10/19/89	SBR-1	17:25	150.5	108.5
3	10/19/89	SBR-1	21:35	160.0	118.0
3	10/20/89	SBR-1	01:23	166.5	124.5
3	10/20/89	SBR-1	05:30	176.5	134.5
3	10/20/89	SBR-1	09:22	184.5	142.5
4	10/20/89	SBR-1	13:55	194.0	152.0
4	10/20/89	SBR-1	17:14	200.0	158.0
4	10/20/89	SBR-1	21:29	208.5	166.5
4	10/21/89	SBR-1	01:30	217.5	175.5
4	10/21/89	SBR-1	05:29	226.0	184.0
4	10/21/89	SBR-1	09:25	235.0	193.0
5	10/21/89	SBR-1	13:50	248.0	206.0
5	10/21/89	SBR-1	17:30	253.0	211.0
5	10/21/89	SBR-1	21:34	262.0	220.0
5	10/22/89	SBR-1	01:55	273.5	231.5
5	10/22/89	SBR-1	05:30	290.0	248.0
6	10/22/89	SBR-1	13:40	300.0	258.0
6	10/22/89	SBR-1	18:03	310.0	268.0
6	10/22/89	SBR-1	21:38	318.0	276.0
6	10/23/89	SBR-1	02:28	326.5	284.5
6	10/23/89	SBR-1	05:47	336.0	294.0
6	10/23/89	SBR-1	09:10	341.0	299.0
7	10/23/89	SBR-1	13:35	350.5	308.5
7	10/23/89	SBR-1	18:00	360.5	319.5
7	10/23/89	SBR-1	21:35	368.5	326.5
7	10/24/89	SBR-1	01:48	376.0	334.5
7	10/24/89	SBR-1	06:00	386.5	345.0
7	10/24/89	SBR-1	09:40	395.0	353.5
8	10/24/89	SBR-2	10:40	38.5	0.0
8	10/24/89	SBR-2	13:50	48.0	9.5
8	10/24/89	SBR-2	17:45	55.0	16.5
8	10/24/89	SBR-2	21:35	62.0	23.5
8	10/25/89	SBR-2	01:49	69.5	31.0

WTEFFDRM.WK1

SBR
WT. OF EFFLUENT DRUM

DAY	DATE	DRUM	TIME	WEIGHT OF DRUM (LBS)	WEIGHT OF SAMPLE (LBS)
8	10/25/89	SBR-2	05:14	75.5	37.0
8	10/25/89	SBR-2	08:44	83.5	45.0
9	10/25/89	SBR-2	13:45	94.5	56.0
9	10/25/89	SBR-2	18:08	104.5	66.0
9	10/25/89	SBR-2	21:35	112.0	73.5
9	10/26/89	SBR-2	01:35	121.0	82.5
9	10/26/89	SBR-2	05:20	128.0	89.5
9	10/26/89	SBR-2	09:15	136.0	97.5
10	10/26/89	SBR-2	13:53	146.5	108.0
10	10/26/89	SBR-2	18:00	156.0	117.5
10	10/26/89	SBR-2	19:21	163.5	125.0
10	10/27/89	SBR-2	01:55	175.0	136.5
10	10/27/89	SBR-2	05:43	181.0	142.5
10	10/27/89	SBR-2	09:06	187.5	149.0
11	10/27/89	SBR-2	14:16	199.5	161.0
11	10/27/89	SBR-2	18:02	207.5	169.0
11	10/27/89	SBR-2	19:32	214.0	175.5
11	10/28/89	SBR-2	01:30	222.5	184.0
11	10/28/89	SBR-2	05:00	229.0	190.5
11	10/28/89	SBR-2	09:14	237.5	199.0
12	10/28/89	SBR-2	14:09	249.5	211.0
12	10/28/89	SBR-2	18:05	256.5	218.0
12	10/28/89	SBR-2	21:39	266.5	228.0
12	10/29/89	SBR-2	01:25	273.0	234.5
12	10/29/89	SBR-2	05:18	282.5	244.0
12	10/29/89	SBR-2	09:05	297.5	259.0
13	10/29/89	SBR-2	14:07	301.5	263.0
13	10/29/89	SBR-2	18:03	311.5	273.0
13	10/29/89	SBR-2	21:32	318.0	279.5
13	10/30/89	SBR-2	01:17	325.5	287.0
13	10/30/89	SBR-2	05:00	333.0	294.5
13	10/30/89	SBR-2	09:00	341.5	303.0
14	10/30/89	SBR-2	14:13	353.5	315.0
14	10/30/89	SBR-2	17:59	362.0	323.5
14	10/30/89	SBR-2	21:31	369.0	330.5
14	10/31/89	SBR-2	01:18	378.0	339.5
14	10/31/89	SBR-2	05:37	386.5	348.0
14	10/31/89	SBR-2	09:00	390.5	352.0
14	10/31/89	SBR-2	10:45	394.0	355.5

SBR-PU.WK1

SBR POWER USAGE

DAY	DATE	TIME	KILOWATTS/HOUR
1	10/17	12:28	59.3
1	10/17	17:10	59.5
1	10/17	20:10	59.7
1	10/17	21:00	59.8
1	10/18	02:06	60.1
2	10/18	10:40	60.5
2	10/18	12:20	60.6
2	10/18	12:50	60.6
2	10/18	14:55	60.7
2	10/18	16:03	60.8
2	10/18	17:00	60.8
2	10/18	20:45	61.0
2	10/19	06:00	61.6
3	10/19	10:40	61.8
3	10/19	21:35	62.3
3	10/20	01:47	62.6
4	10/20	10:22	63.1
4	10/20	13:10	63.3
4	10/20	21:00	63.6
5	10/21	14:12	61.5
5	10/21	17:00	61.6
5	10/21	19:50	61.7
5	10/22	01:55	65.05
5	10/22	05:30	65.47
6	10/22	17:10	65.8
6	10/22	19:35	65.9
6	10/23	02:28	66.2
7	10/23	13:35	66.8
7	10/23	17:37	66.9
7	10/24	01:48	67.2
8	10/24	12:45	67.8
8	10/24	17:15	68.0
8	10/24	20:15	68.1
8	10/25	01:49	68.4
8	10/25	05:14	68.5
9	10/25	18:25	69.08
9	10/26	01:35	69.45
9	10/26	05:20	69.6
9	10/26	09:15	69.8
10	10/27	13:53	69.96
10	10/27	18:00	70.1
10	10/27	21:39	70.25
10	10/27	01:15	70.5

SBR-PU.WK1

SBR POWER USAGE

DAY	DATE	TIME	KILOWATTS/HOUR
10	10/27	05:43	70.6
10	10/27	09:06	70.8
11	10/27	14:16	71.0
11	10/27	18:03	71.2
11	10/27	21:38	71.4
11	10/28	01:30	71.5
11	10/28	06:15	71.5
11	10/28	09:14	71.8
12	10/28	14:09	72.2
12	10/28	18:07	72.4
12	10/28	21:40	72.6
12	10/29	01:25	72.8
12	10/29	06:02	73.0
12	10/29	09:30	73.2
13	10/29	14:07	73.37
13	10/29	18:04	73.56
13	10/29	21:34	73.75
13	10/30	01:17	74.0
13	10/30	05:00	74.25
13	10/30	09:00	74.4
14	10/30	14:13	74.7
14	10/30	18:00	74.92
14	10/30	21:32	75.1
14	10/31	01:18	75.35
14	10/31	05:37	75.63
14	10/31	09:00	75.8
15	10/31	10:45	75.99

FILE NAME: SBRCCA.WK1 DATE: 15-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Arsenic	Q	Chromium	Q	Copper	Q
SBRIN011	8910121	SLURRY	ug/l	45700		49400		54600	
SBRIN021	8910137	SLURRY	ug/l	20100		22000		24300	
SBRIN031	8910144	SLURRY	ug/l	20200		21300		23400	
SBRIN041	8910147	SLURRY	ug/l	19500		20700		2280	
SBRIN051	8910147	SLURRY	ug/l	19100		19500		21600	
SBRIN061	8910157	SLURRY	ug/l	19600		19700		21700	
SBRIN071	8910161	SLURRY	ug/l	21200		21300		23400	
SBRIN081	8910176	SLURRY	ug/l	20200		20100		21900	
SBRIN085-SP01	8910176	SLURRY	ug/l	20200		20200		22100	
SBRIN091	8910180	SLURRY	ug/l	20700		20700		22600	
SBRIN101	8910183	SLURRY	ug/l	15000		15300		20400	
SBRIN111	8910187	SLURRY	ug/l	20200		20800		24300	
SBRIN121	8910187	SLURRY	ug/l	15100		16300		22200	
SBRIN131	8910195	SLURRY	ug/l	25500		25900		28900	
SBRIN141	8911001	SLURRY	ug/l	25600		26400		30000	
SBREFF011	8910121	SLURRY	ug/l	16500		16200		16900	
SBREFF021	8910137	SLURRY	ug/l	20600		23700		23500	
SBREFF031	8910144	SLURRY	ug/l	24300		27500		27200	
SBREFF041	8910147	SLURRY	ug/l	24000		25000		26400	
SBREFF051	8910147	SLURRY	ug/l	24700		25900		27200	
SBREFF061	8910157	SLURRY	ug/l	24200		25100		26600	
SBREFF071	8910161	SLURRY	ug/l	24900		25100		26500	
SBREFF081	8910176	SLURRY	ug/l	25400		27100		27300	
SBREFF085-SP01	8910176	SLURRY	ug/l	23900		25200		26000	
SBREFF091	8910180	SLURRY	ug/l	23800		24700		26100	
SBREFF101	8910183	SLURRY	ug/l	23100		24700		25900	
SBREFF111	8910187	SLURRY	ug/l	23200		24300		27500	
SBREFF121	8910187	SLURRY	ug/l	23100		23300		26600	
SBREFF131	8910195	SLURRY	ug/l	22100		22800		25600	
SBREFF141	8911001	SLURRY	ug/l	23100		23600		26700	
SBREQB021	8910121	AQUEOUS	ug/l	5.0	L	10	L	17.8	
SBREQB041	8910144	AQUEOUS	ug/l	5.0	L	10	L	10	L
SBREQB061	8910147	AQUEOUS	ug/l	5.0	L	10	L	10.7	
SBREQB081	8910161	AQUEOUS	ug/l	5.0	L	10	L	10	L
SBREQB101	8910180	AQUEOUS	ug/l	5.0	L	10	L	10	L
SBREQB121	8910187	AQUEOUS	ug/l	5.0	L	10	L	12.3	
SBREQB141	8910195	AQUEOUS	ug/l	5.0	L	10	L	10	L

FILE NAME: SBRMTLS.WK1 DATE: 15-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Barium	Q	Cadmium	Q	Lead	Q	Mercury	Q	Selenium	Q	Silver	Q
SBREFF011	8910121	SLURRY	ug/l	12000		50	L	6080		5.7		30	L	100	L
SBREFF021	8910137	SLURRY	ug/l	18000		50	L	9350		8.3		30	L	170	
SBREFF031	8910144	SLURRY	ug/l	20700		50	L	11100		5.0		30	L	180	
SBREFF041	8910147	SLURRY	ug/l	19000		50	L	10500		0.2	L	30	L	250	
SBREFF051	8910147	SLURRY	ug/l	19300		50	L	10500		7.5		30	L	130	
SBREFF061	8910157	SLURRY	ug/l	19100		50	L	10400		9.4		30	L	210	
SBREFF071	8910161	SLURRY	ug/l	19000		50	L	10400		2.0	L	30	L	140	
SBREFF081	8910176	SLURRY	ug/l	20000		50	L	10600		8.6		30	L	100	L
SBREFF085-SP01	8910176	SLURRY	ug/l	17800		50	L	10200		7.9		30	L	100	L
SBREFF091	8910180	SLURRY	ug/l	18300		50	L	10000		5.3		30	L	100	L
SBREFF101	8910183	SLURRY	ug/l	18400		50	L	9930		8.6		30	L	100	L
SBREFF111	8910187	SLURRY	ug/l	17300		50	L	10100		18.2		30	L	100	L
SBREFF121	8910187	SLURRY	ug/l	16600		50	L	9720		3.1		30	L	100	L
SBREFF131	8910195	SLURRY	ug/l	16400		50	L	9310		22.2		30	L	100	L
SBREFF141	8911001	SLURRY	ug/l	17600		50	L	9510		2.4		30	L	100	L
SBREQB021	8910121	AQUEOUS	ug/l	11.2		5.0	L	50	L	0.2	L	3.0	L	10	L
SBREQB041	8910144	AQUEOUS	ug/l	10.2		5.0	L	50	L	0.2	L	3.0	L	10	L
SBREQB061	8910147	AQUEOUS	ug/l	13.5		5.0	L	50	L	0.2	L	3.0	L	10	L
SBREQB081	8910161	AQUEOUS	ug/l	12.3		5.0	L	50	L	0.2	L	3.0	L	10	L
SBREQB101	8910180	AQUEOUS	ug/l	12.3		5.0	L	50	L	0.2	L	3.0	L	10	L
SBREQB121	8910187	AQUEOUS	ug/l	10	L	5.0	L	50	L	0.2	L	3.0	L	10	L
SBREQB141	8910195	AQUEOUS	ug/l	13.1		5.0	L	50	L	0.2	L	3.0	L	10	L

FILE NAME: SBRTR.WK1 DATE: 15-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Total Solids	Q
SBRIN011	8910121	AQUEOUS	mg/L	155	
SBRIN011	8910121	SOIL	% Solid	50	
SBRIN021	8910137	AQUEOUS	mg/L	102	
SBRIN021	8910137	SOIL	% Solid	48	
SBRIN031	8910144	AQUEOUS	mg/L	78	
SBRIN031	8910144	SOIL	% Solid	46	
SBRIN041	8910147	SOIL	% Solid	53	
SBRIN061	8910157	AQUEOUS	mg/L	103	
SBRIN061	8910157	SOIL	% Solid	46	
SBRIN071	8910161	AQUEOUS	mg/L	100	
SBRIN071	8910161	SOIL	% Solid	50	
SBRIN081	8910176	AQUEOUS	mg/L	136	
SBRIN081	8910176	SOIL	% Solid	46	
SBRIN085-SP01	8910176	AQUEOUS	mg/L	127	
SBRIN085-SP01	8910176	SOIL	% Solid	48	
SBRIN091	8910180	SOIL	% Solid	48	
SBRIN101	8910183	SOIL	% Solid	44	
SBRIN111	8910187	SOIL	% Solid	42	
SBRIN121	8910187	SOIL	% Solid	51	
SBRIN131	8910195	SOIL	% Solid	53	
SBRIN141	8911001	SOIL	% Solid	50	
SBREFF011	8910121	AQUEOUS	mg/L	678	
SBREFF011	8910121	SOIL	% Solid	33	
SBREFF021	8910137	AQUEOUS	mg/L	575	
SBREFF021	8910137	SOIL	% Solid	50	
SBREFF031	8910144	AQUEOUS	mg/L	571	
SBREFF031	8910144	SOIL	% Solid	51	
SBREFF041	8910147	AQUEOUS	mg/L	470	
SBREFF041	8910147	SOIL	% Solid	47	
SBREFF051	8910147	AQUEOUS	mg/L	420	
SBREFF051	8910147	SOIL	% Solid	44	
SBREFF061	8910157	AQUEOUS	mg/L	434	
SBREFF061	8910157	SOIL	% Solid	45	
SBREFF071	8910161	AQUEOUS	mg/L	413	
SBREFF071	8910161	SOIL	% Solid	43	
SBREFF081	8910176	AQUEOUS	mg/L	479	
SBREFF081	8910176	SOIL	% Solid	53	
SBREFF085-SP01	8910176	AQUEOUS	mg/L	482	
SBREFF085-SP01	8910176	SOIL	% Solid	39	
SBREFF091	8910180	SOIL	% Solid	47	
SBREFF101	8910183	SOIL	% Solid	44	
SBREFF111	8910187	AQUEOUS	mg/L	400	
SBREFF111	8910187	SOIL	% Solid	52	
SBREFF121	8910187	AQUEOUS	mg/L	420	

FILE NAME: SBRTR.WK1 DATE: 15-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Total Solids	Q
SBREFF121	8910187	SOIL	% Solid	46	
SBREFF131	8910195	SOIL	% Solid	49	
SBREFF141	8911001	SOIL	% Solid	46	
SBRCAR141	8911001	SOIL	% Solid	96	
SBRCAR142	8911001	SOIL	% Solid	91	
SBRFPC161	8910176	SOIL	% Solid	32	

FILE NAME: SBRCOD.WK1 DATE: 15-Nov-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Chemical Oxygen Demand	Q
SBRIN011	8910215	SLURRY	mg/L	2300	
SBRIN021	8910215	SLURRY	mg/L	1500	
SBRIN031	8910237	SLURRY	mg/L	990	
SBRIN041	8910237	SLURRY	mg/L	1100	
SBRIN051	8910237	SLURRY	mg/L	1100	
SBRIN061	8910254	SLURRY	mg/L	3300	
SBRIN071	8910254	SLURRY	mg/L	2000	
SBRIN081	8910272	SLURRY	mg/L	1900	
SBRIN085-SP01	8910272	SLURRY	mg/L	2700	
SBRIN091	8910306	SLURRY	mg/L	2100	
SBRIN091-SP01	8910306	SLURRY	mg/L	2100	
SBRIN101	8910306	SLURRY	mg/L	2300	
SBRIN111	8910315	SLURRY	mg/L	4200	
SBRIN121	8910315	SLURRY	mg/L	2400	
SBRIN131	8910315	SLURRY	mg/L	1600	
SBRIN141	8911004	SLURRY	mg/L	2200	
SBREFF011	8910215	SLURRY	mg/L	1800	
SBREFF021	8910215	SLURRY	mg/L	1600	
SBREFF031	8910237	SLURRY	mg/L	1300	
SBREFF041	8910237	SLURRY	mg/L	1700	
SBREFF051	8910237	SLURRY	mg/L	1500	
SBREFF061	8910254	SLURRY	mg/L	2800	
SBREFF071	8910254	SLURRY	mg/L	2000	
SBREFF081	8910272	SLURRY	mg/L	2400	
SBREFF085-SP01	8910272	SLURRY	mg/L	2300	
SBREFF091	8910306	SLURRY	mg/L	2700	
SBREFF091-SP01	8910306	SLURRY	mg/L	2700	
SBREFF101	8910306	SLURRY	mg/L	1800	
SBREFF111	8910315	SLURRY	mg/L	2700	
SBREFF121	8910315	SLURRY	mg/L	1700	
SBREFF131	8910315	SLURRY	mg/L	2000	
SBREFF141	8911004	SLURRY	mg/L	2500	
SBREQB022	8910215	AQUEOUS	mg/L	140	
SBREQB042	8910237	AQUEOUS	mg/L	5	L
SBREQB062	8910254	AQUEOUS	mg/L	12	J
SBREQB082	8910272	AQUEOUS	mg/L	5	L
SBREQB102	8910306	AQUEOUS	mg/L	280	
SBREQB122	8910315	AQUEOUS	mg/L	5	L
SBREQB142	8911004	AQUEOUS	mg/L	5	L

FILE NAME: SBRTRPH.WK1 DATE: 15-Nov-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Total Recoverable Petroleum Hydrocarbons	Q
SBRIN011	P910241	SLURRY	mg/L	4.03	J
SBRIN021	P910241	SLURRY	mg/L	92	L
SBRIN031	P910244	SLURRY	mg/L	100	L
SBRIN041	P910244	SLURRY	mg/L	100	L
SBRIN051	P910244	SLURRY	mg/L	429	J
SBRIN061	P910253	SLURRY	mg/L	100	L
SBRIN071	P910253	SLURRY	mg/L	100	L
SBRIN081	P910253	SLURRY	mg/L	100	L
SBRIN085-SP01	P910253	SLURRY	mg/L	100	L
SBRIN091	P910257	SLURRY	mg/L	228	J
SBRIN101	P910257	SLURRY	mg/L	214	J
SBRIN111	P910262	SLURRY	mg/L	690	
SBRIN121	P910262	SLURRY	mg/L	670	
SBRIN131	P910262	SLURRY	mg/L	412	J
SBRIN141	P911003	SLURRY	mg/L	660	
SBREFF011	P910241	SLURRY	mg/L	3.15	J
SBREFF021	P910241	SLURRY	mg/L	448	J
SBREFF031	P910244	SLURRY	mg/L	100	L
SBREFF041	P910244	SLURRY	mg/L	160	J
SBREFF051	P910244	SLURRY	mg/L	114	J
SBREFF061	P910253	SLURRY	mg/L	100	L
SBREFF071	P910253	SLURRY	mg/L	100	L
SBREFF081	P910253	SLURRY	mg/L	100	L
SBREFF085-SP01	P910253	SLURRY	mg/L	100	L
SBREFF091	P910257	SLURRY	mg/L	418	J
SBREFF101	P910257	SLURRY	mg/L	530	
SBREFF111	P910262	SLURRY	mg/L	700	
SBREFF121	P910262	SLURRY	mg/L	690	
SBREFF131	P910262	SLURRY	mg/L	650	
SBREFF141	P911003	SLURRY	mg/L	840	
SBREQB022	P910241	AQUEOUS	mg/L	100	L
SBREQB042	P910244	AQUEOUS	mg/L	100	L
SBREQB062	P910253	AQUEOUS	mg/L	100	L
SBREQB082	P910253	AQUEOUS	mg/L	100	L
SBREQB102	P910257	AQUEOUS	mg/L	100	L
SBREQB122	P910262	AQUEOUS	mg/L	100	L
SBREQB142	P911003	AQUEOUS	mg/L	100	L

FILE NAME: SBRCL.WK1 DATE: 21-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	Chloride Q
SBRIN041	8910147	SLURRY	mg/L	79.2
SBRIN051	8910147	SLURRY	mg/L	83.9
SBRIN061	8910157	SLURRY	mg/L	77.5
SBREFF081	8910176	SLURRY	mg/L	79.4
SBREFF085-SP01	8910176	SLURRY	mg/L	78.3
SBREFF101	8910183	SLURRY	mg/L	203
SBREFF121	8910187	SLURRY	mg/L	194
SBREQB061	8910147	AQUEOUS	mg/L	2.2

FILE NAME: SBRTOX.WK1 DATE: 15-Nov-90

SAIC #	RADIAN #	SOIL/ AQUEOUS	Units	Total Organic Halides	Q
SBRIN041	8910237	SLURRY	mg/L	0.97	
SBRIN051	8910237	SLURRY	mg/L	1.3	
SBRIN061	8910254	SLURRY	mg/L	1.2	
SBREFF081	8910272	SLURRY	mg/L	0.74	
SBREFF085-SP01	8910272	SLURRY	mg/L	0.12	J
SBREFF101	8910306	SLURRY	mg/L	1.4	
SBREFF121	8910315	SLURRY	mg/L	0.4	
SBREQB061	8910237	AQUEOUS	mg/L	0.041	J

FILE NAME: SBREPTOX.WK1

DATE: 21-Nov-90

SAIC #	MPELI #	SOIL/ AQUEOUS	Units	EP Toxicity Arsenic Q	EP Toxicity Barium Q	EP Toxicity Cadmium Q	EP Toxicity Chromium Q	EP Toxicity Copper Q	EP Toxicity Lead Q	EP Toxicity Mercury Q	EP Toxicity Selenium Q	EP Toxicity Silver Q
SBREFF081	8910176	SLURRY	ug/l	929	215	5.0 L	29.5	71	50 L	0.23	200 L	10 L
SBREFF101	8910183	SLURRY	ug/l	930	82	5.0 L	27.2	88.8	50 L	0.2 L	200 L	10 L
SBREFF121	8910187	SLURRY	ug/l	1760	54.9	5.0 L	34.2	76.8	50 L	0.2 L	200 L	10 L

000681

DIOXINS DATA
ALL SYSTEMS

BIOTROL SOIL TREATMETN SYSTEM - LABORATORY ANALYTICAL REPORT
CDD & CDF Congeners Analysis Report

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
ATS-CAR-11-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.3500		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	HpCDD	0.000	ng/g	ND	<	0.7100		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	HpCDF	0.000	ng/g	ND	<	0.4700		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	HxCDD	0.000	ng/g	ND	<	0.6300		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	HxCDF	0.000	ng/g	ND	<	0.3700		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	OCDD	0.000	ng/g	ND	<	1.8000		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	OCDF	0.000	ng/g	ND	<	1.8000		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	PeCDD	0.000	ng/g	ND	<	0.2900		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	PeCDF	0.000	ng/g	ND	<	0.2100		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	TCDD	0.000	ng/g	ND	<	0.3500		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-1	TCDF	0.000	ng/g	ND	<	0.1500		8910096	01	A	828SSNDF	ATS
ATS-CAR-11-2	2,3,7,8-TCD	0.000	ng/g	ND	<	0.3800		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	HpCDD	0.000	ng/g	ND	<	0.6800		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	HpCDF	0.000	ng/g	ND	<	0.4200		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	HxCDD	0.000	ng/g	ND	<	0.6400		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	HxCDF	0.000	ng/g	ND	<	0.4000		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	OCDD	0.000	ng/g	ND	<	1.5000		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	OCDF	0.000	ng/g	ND	<	1.5000		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	PeCDD	0.000	ng/g	ND	<	0.3300		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	PeCDF	0.000	ng/g	ND	<	0.2800		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	TCDD	0.000	ng/g	ND	<	0.3800		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-2	TCDF	0.000	ng/g	ND	<	0.1600		8910096	02	A	828SSNDF	ATS
ATS-CAR-11-3	2,3,7,8-TCD	0.000	ng/g	ND	<	0.2300		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	HpCDD	0.000	ng/g	ND	<	0.5300		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	HpCDF	0.000	ng/g	ND	<	0.3400		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	HxCDD	0.000	ng/g	ND	<	0.4900		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	HxCDF	0.000	ng/g	ND	<	0.2800		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	OCDD	0.000	ng/g	ND	<	1.0000		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	OCDF	0.000	ng/g	ND	<	1.3000		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	PeCDD	0.000	ng/g	ND	<	0.2200		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	PeCDF	0.000	ng/g	ND	<	0.1700		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	TCDD	0.000	ng/g	ND	<	0.2300		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-3	TCDF	0.000	ng/g	ND	<	0.0950		8910096	03	A	828SSNDF	ATS
ATS-CAR-11-4	2,3,7,8-TCD	0.000	ng/g	ND	<	0.1600		8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	HpCDD	0.000	ng/g			10.0000	NC	8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	HpCDF	0.000	ng/g	ND	<	0.8800		8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	HxCDD	0.000	ng/g	ND	<	1.1000		8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	HxCDF	0.000	ng/g	ND	<	0.5700		8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	OCDD	0.000	ng/g			10.0000	NC	8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	OCDF	0.000	ng/g			10.0000	NC	8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	PeCDD	0.000	ng/g	ND	<	0.4700		8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	PeCDF	0.000	ng/g	ND	<	0.4500		8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	TCDD	0.000	ng/g	ND	<	0.1600		8910096	04	A	828SSNDF	ATS
ATS-CAR-11-4	TCDF	0.000	ng/g	ND	<	0.5400		8910096	04	A	828SSNDF	ATS
SBR-CAR-14-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.1800		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	HpCDD	0.000	ng/g	ND	<	0.4500		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	HpCDF	0.000	ng/g	ND	<	0.3400		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	HxCDD	0.000	ng/g	ND	<	0.3900		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	HxCDF	0.000	ng/g	ND	<	0.2500		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	OCDD	0.000	ng/g	ND	<	0.5300		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	OCDF	0.000	ng/g	ND	<	0.4800		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	PeCDD	0.000	ng/g	ND	<	0.2200		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	PeCDF	0.000	ng/g	ND	<	0.1600		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	TCDD	0.000	ng/g	ND	<	0.1800		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-1	TCDF	0.000	ng/g	ND	<	0.1000		8911004	05	A	828SSNDF	SBR
SBR-CAR-14-2	2,3,7,8-TCD	0.000	ng/g	ND	<	0.4700		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	HpCDD	0.000	ng/g	ND	<	1.1000		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	HpCDF	0.000	ng/g	ND	<	0.8200		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	HxCDD	0.000	ng/g	ND	<	0.9100		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	HxCDF	0.000	ng/g	ND	<	0.6100		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	OCDD	0.000	ng/g	ND	<	1.1000		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	OCDF	0.000	ng/g	ND	<	0.9900		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	PeCDD	0.000	ng/g	ND	<	0.5500		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	PeCDF	0.000	ng/g	ND	<	0.4200		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	TCDD	0.000	ng/g	ND	<	0.4700		8911004	06	A	828SSNDF	SBR
SBR-CAR-14-2	TCDF	0.000	ng/g	ND	<	0.2400		8911004	06	A	828SSNDF	SBR
SBR-EFF-01-1	2,3,7,8-TCD	0.000	ng/g	ND	<	1.4000		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	HpCDD	780.000	ng/g			2.5000		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	HpCDF	580.000	ng/g			1.8000		8910289	01	A	828SSNDF	SBR

.....continue

BIOTROL SOIL TREATMETN SYSTEM - LABORATORY ANALYTICAL REPORT .... contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SBR-EFF-01-1	HxCDD	41.000	ng/g			2.1000		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	HxCDF	150.000	ng/g			1.4000		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	OCDD	4200.000	ng/g			2.1000		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	OCDF	520.000	ng/g			1.8000		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	PeCDD	0.000	ng/g	ND	<	1.4000		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	PeCDF	10.000	ng/g			0.9600		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	TCDD	0.000	ng/g	ND	<	1.4000		8910289	01	A	828SSNDF	SBR
SBR-EFF-01-1	TCDF	0.000	ng/g	ND	<	0.8700		8910289	01	A	828SSNDF	SBR
SBR-EFF-03-1	2,3,7,8-TCD	0.000	ng/g	ND	<	1.7000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	HpCDD	780.000	ng/g			2.6000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	HpCDF	570.000	ng/g			1.9000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	HxCDD	41.000	ng/g			2.5000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	HxCDF	150.000	ng/g			1.7000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	OCDD	4200.000	ng/g			2.7000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	OCDF	540.000	ng/g			2.5000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	PeCDD	0.000	ng/g	ND	<	1.8000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	PeCDF	11.000	ng/g			1.7000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	TCDD	0.000	ng/g	ND	<	1.7000		8910237	01	A	828SSNDF	SBR
SBR-EFF-03-1	TCDF	0.000	ng/g	ND	<	0.9600		8910237	01	A	828SSNDF	SBR
SBR-EFF-05-1	2,3,7,8-TCD	0.000	ng/g	ND	<	1.0000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	HpCDD	940.000	ng/g			1.8000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	HpCDF	650.000	ng/g			1.2000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	HxCDD	50.000	ng/g			1.6000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	HxCDF	170.000	ng/g			1.0000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	OCDD	3900.000	ng/g			1.5000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	OCDF	580.000	ng/g			1.6000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	PeCDD	0.000	ng/g	ND	<	1.0000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	PeCDF	17.000	ng/g			0.7100		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	TCDD	0.000	ng/g	ND	<	1.0000		8910237	02	A	828SSNDF	SBR
SBR-EFF-05-1	TCDF	0.000	ng/g	ND	<	0.6300		8910237	02	A	828SSNDF	SBR
SBR-EFF-07-1	2,3,7,8-TCD	0.000	ng/g	ND	<	1.8000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	HpCDD	900.000	ng/g			2.8000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	HpCDF	760.000	ng/g			2.2000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	HxCDD	46.000	ng/g			2.9000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	HxCDF	200.000	ng/g			1.9000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	OCDD	5000.000	ng/g			2.7000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	OCDF	640.000	ng/g			2.4000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	PeCDD	0.000	ng/g	ND	<	1.9000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	PeCDF	20.000	ng/g			1.4000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	TCDD	0.000	ng/g	ND	<	1.8000		8910254	01	A	828SSNDF	SBR
SBR-EFF-07-1	TCDF	0.000	ng/g	ND	<	1.0000		8910254	01	A	828SSNDF	SBR
SBR-EFF-09-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.8500		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	HpCDD	950.000	ng/g			1.2000		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	HpCDF	830.000	ng/g			0.8900		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	HxCDD	49.000	ng/g			1.2000		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	HxCDF	170.000	ng/g			7.9000		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	OCDD	5100.000	ng/g			1.3000		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	OCDF	620.000	ng/g			1.1000		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	PeCDD	0.000	ng/g	ND	<	0.8500		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	PeCDF	14.000	ng/g			0.5900		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	TCDD	0.000	ng/g	ND	<	0.8500		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-1	TCDF	0.000	ng/g	ND	<	0.5400		8910306	01	A	828SSNDF	SBR
SBR-EFF-09-5	2,3,7,8-TCD	0.000	ng/g	ND	<	0.5900		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	HpCDD	850.000	ng/g			0.9000		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	HpCDF	600.000	ng/g			0.6500		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	HxCDD	45.000	ng/g			0.8700		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	HxCDF	150.000	ng/g			0.5700		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	OCDD	4320.000	ng/g			0.9100		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	OCDF	520.000	ng/g			0.7900		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	PeCDD	0.000	ng/g	ND	<	0.5800		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	PeCDF	19.000	ng/g			0.4300		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	TCDD	0.000	ng/g	ND	<	0.5900		8910306	02	A	828SSNDF	SBR
SBR-EFF-09-5	TCDF	0.000	ng/g	ND	<	0.3200		8910306	02	A	828SSNDF	SBR
SBR-EFF-11-1	2,3,7,8-TCD	0.000	ng/g	ND	<	1.2000		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	HpCDD	940.000	ng/g			2.1000		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	HpCDF	770.000	ng/g			1.6000		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	HxCDD	52.000	ng/g			2.0000		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	HxCDF	190.000	ng/g			1.3000		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	OCDD	4900.000	ng/g			2.0000		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	OCDF	600.000	ng/g			1.7000		8910315	01	A	828SSNDF	SBR

.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT ....contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SBR-EFF-11-1	PeCDD	0.000	ng/g	ND	<	1.3000		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	PeCDF	24.000	ng/g			0.8600		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	TCDD	0.000	ng/g	ND	<	1.2000		8910315	01	A	828SSNDF	SBR
SBR-EFF-11-1	TCDF	0.000	ng/g	ND	<	0.7000		8910315	01	A	828SSNDF	SBR
SBR-EFF-13-1	2,3,7,8-TCD	0.000	ng/g	ND	<	1.3000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	HpCDD	1100.000	ng/g			2.0000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	HpCDF	1000.000	ng/g			1.6000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	HxCDD	60.000	ng/g			2.1000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	HxCDF	250.000	ng/g			1.4000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	OCDD	6100.000	ng/g			2.2000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	OCDF	730.000	ng/g			1.9000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	PeCDD	0.000	ng/g	ND	<	1.4000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	PeCDF	32.000	ng/g			0.9500		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	TCDD	0.000	ng/g	ND	<	1.3000		8910315	02	A	828SSNDF	SBR
SBR-EFF-13-1	TCDF	0.000	ng/g	ND	<	0.7800		8910315	02	A	828SSNDF	SBR
SPH-C-00	2,3,7,8-TCD	0.000	ng/g	ND	<	0.7200		8909257	09	A	828SSNDF	SPH
SPH-C-00	2,3,7,8-TCD	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	HpCDD	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	HpCDD	330.000	ng/g			0.0000		8909257	09	A	828SSNDF	SPH
SPH-C-00	HpCDF	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	HpCDF	212.000	ng/g			0.0000		8909257	09	A	828SSNDF	SPH
SPH-C-00	HxCDD	21.000	ng/g			0.0000		8909257	09	A	828SSNDF	SPH
SPH-C-00	HxCDD	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	HxCDF	53.000	ng/g			0.0000		8909257	09	A	828SSNDF	SPH
SPH-C-00	HxCDF	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	OCDD	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	OCDD	1600.000	ng/g			0.0000		8909257	09	A	828SSNDF	SPH
SPH-C-00	OCDF	290.000	ng/g			0.0000		8909257	09	A	828SSNDF	SPH
SPH-C-00	OCDF	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	PeCDD	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	PeCDD	0.000	ng/g	ND	<	0.8700		8909257	09	A	828SSNDF	SPH
SPH-C-00	PeCDF	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	PeCDF	2.100	ng/g			0.0000		8909257	09	A	828SSNDF	SPH
SPH-C-00	TCDD	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	TCDD	0.000	ng/g	ND	<	0.7200		8909257	09	A	828SSNDF	SPH
SPH-C-00	TCDF	0.000	ng/g			10.0000	NC	8909257	05	A	828SSNDF	SPH
SPH-C-00	TCDF	0.000	ng/g	ND	<	0.4100		8909257	09	A	828SSNDF	SPH
SPL-C-00	2,3,7,8-TCD	0.000	ng/g	ND	<	0.3400		8909257	04	A	828SSNDF	SPL
SPL-C-00	HpCDD	180.000	ng/g			0.9500		8909257	04	A	828SSNDF	SPL
SPL-C-00	HpCDF	160.000	ng/g			0.6000		8909257	04	A	828SSNDF	SPL
SPL-C-00	HxCDD	13.000	ng/g			1.0000		8909257	04	A	828SSNDF	SPL
SPL-C-00	HxCDF	59.000	ng/g			0.5300		8909257	04	A	828SSNDF	SPL
SPL-C-00	OCDD	830.000	ng/g			0.9200		8909257	04	A	828SSNDF	SPL
SPL-C-00	OCDF	120.000	ng/g			0.7700		8909257	04	A	828SSNDF	SPL
SPL-C-00	PeCDD	0.000	ng/g	ND	<	0.5900		8909257	04	A	828SSNDF	SPL
SPL-C-00	PeCDF	3.200	ng/g			0.2900		8909257	04	A	828SSNDF	SPL
SPL-C-00	TCDD	0.000	ng/g	ND	<	0.3400		8909257	04	A	828SSNDF	SPL
SPL-C-00	TCDF	0.000	ng/g	ND	<	0.2300		8909257	04	A	828SSNDF	SPL
SWH-CO-02-3	2,3,7,8-TCD	0.000	ng/g	ND	<	0.4200		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	HpCDD	130.000	ng/g			0.7900		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	HpCDF	76.000	ng/g			0.5300		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	HxCDD	6.000	ng/g			0.5500		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	HxCDF	22.000	ng/g			0.4600		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	OCDD	610.000	ng/g			0.8600		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	OCDF	81.000	ng/g			0.7200		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	PeCDD	0.000	ng/g	ND	<	0.4800		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	PeCDF	1.300	ng/g	<5X		0.3200		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	TCDD	0.000	ng/g	ND	<	0.4200		8910017	36	A	828SSNDF	SWH
SWH-CO-02-3	TCDF	0.000	ng/g	ND	<	0.2400		8910017	36	A	828SSNDF	SWH
SWH-CO-05-3	2,3,7,8-TCD	0.000	ng/g	ND	<	0.7200		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	HpCDD	500.000	ng/g			1.8000		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	HpCDF	310.000	ng/g			1.2000		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	HxCDD	30.000	ng/g			1.6000		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	HxCDF	69.000	ng/g			0.9300		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	OCDD	2400.000	ng/g			2.0000		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	OCDF	400.000	ng/g			3.8000		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	PeCDD	0.000	ng/g	ND	<	1.1000		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	PeCDF	3.400	ng/g	<5X		1.2000		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	TCDD	0.000	ng/g	ND	<	0.7200		8910067	02	A	828SSNDF	SWH
SWH-CO-05-3	TCDF	0.000	ng/g	ND	<	1.1000		8910067	02	A	828SSNDF	SWH

.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT .... contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SWH-FO-02-3	2,3,7,8-TCD	0.000	ng/g	ND	<	0.4000		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	HpCDD	73.000	ng/g			0.8000		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	HpCDF	43.000	ng/g			0.5200		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	HxCDD	3.700	ng/g			0.6900		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	HxCDF	14.000	ng/g			0.4200		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	OCDD	310.000	ng/g			0.7900		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	OCDF	41.000	ng/g			0.6600		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	PeCDD	0.000	ng/g	ND	<	0.4400		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	PeCDF	0.890	ng/g	<5X		0.2900		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	TCDD	0.000	ng/g	ND	<	0.4000		8910017	37	A	828SSNDF	SWH
SWH-FO-02-3	TCDF	0.000	ng/g	ND	<	0.2200		8910017	37	A	828SSNDF	SWH
SWH-FO-05-3	2,3,7,8-TCD	0.000	ng/g	ND	<	0.4400		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	HpCDD	270.000	ng/g			0.9600		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	HpCDF	170.000	ng/g			0.6600		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	HxCDD	9.500	ng/g			0.5400		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	HxCDF	51.000	ng/g			0.5100		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	OCDD	1300.000	ng/g			0.9700		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	OCDF	180.000	ng/g			0.8000		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	PeCDD	0.000	ng/g	ND	<	0.5300		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	PeCDF	3.200	ng/g			0.4600		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	TCDD	0.000	ng/g	ND	<	0.4400		8910067	01	A	828SSNDF	SWH
SWH-FO-05-3	TCDF	0.000	ng/g	ND	<	0.2500		8910067	01	A	828SSNDF	SWH
SWH-FPC-02-3	2,3,7,8-TCD	0.000	ng/g	ND	<	0.4300		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	HpCDD	600.000	ng/g			1.0000		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	HpCDF	360.000	ng/g			0.6500		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	HxCDD	32.000	ng/g			0.8600		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	HxCDF	100.000	ng/g			0.5500		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	OCDD	2900.000	ng/g			1.1000		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	OCDF	380.000	ng/g			0.9500		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	PeCDD	0.000	ng/g	ND	<	0.5200		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	PeCDF	8.100	ng/g			0.3500		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	TCDD	0.000	ng/g	ND	<	0.4300		8910017	39	A	828SSNDF	SWH
SWH-FPC-02-3	TCDF	0.000	ng/g	ND	<	0.2300		8910017	39	A	828SSNDF	SWH
SWH-FPC-05-3	2,3,7,8-TCD	0.000	ng/g	ND	<	1.6000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	HpCDD	1200.000	ng/g			2.6000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	HpCDF	790.000	ng/g			1.8000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	HxCDD	75.000	ng/g			2.7000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	HxCDF	180.000	ng/g			1.6000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	OCDD	6100.000	ng/g			2.6000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	OCDF	900.000	ng/g			2.4000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	PeCDD	0.000	ng/g	ND	<	1.8000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	PeCDF	11.000	ng/g			1.1000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	TCDD	0.000	ng/g	ND	<	1.6000		8910067	04	A	828SSNDF	SWH
SWH-FPC-05-3	TCDF	0.000	ng/g	ND	<	0.9500		8910067	04	A	828SSNDF	SWH
SWH-WS-02-3	2,3,7,8-TCD	0.000	ng/g	ND	<	0.0970		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	HpCDD	36.000	ng/g			0.2200		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	HpCDF	21.000	ng/g			0.1400		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	HxCDD	1.800	ng/g			0.1700		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	HxCDF	5.800	ng/g			0.1100		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	OCDD	160.000	ng/g			0.2600		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	OCDF	22.000	ng/g			0.2000		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	PeCDD	0.000	ng/g	ND	<	0.1100		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	PeCDF	0.350	ng/g	<5X		0.0740		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	TCDD	0.000	ng/g	ND	<	0.0970		8910017	38	A	828SSNDF	SWH
SWH-WS-02-3	TCDF	0.000	ng/g	ND	<	0.0530		8910017	38	A	828SSNDF	SWH
SWH-WS-05-3	2,3,7,8-TCD	0.000	ng/g	ND	<	0.2700		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	HpCDD	34.000	ng/g			0.6700		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	HpCDF	21.000	ng/g			0.5000		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	HxCDD	1.500	ng/g	<5X		0.6000		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	HxCDF	5.900	ng/g			0.4200		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	OCDD	170.000	ng/g			0.8800		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	OCDF	23.000	ng/g			0.7100		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	PeCDD	0.000	ng/g	ND	<	0.3800		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	PeCDF	0.000	ng/g	ND	<	0.2500		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	TCDD	0.000	ng/g	ND	<	0.2700		8910067	03	A	828SSNDF	SWH
SWH-WS-05-3	TCDF	0.000	ng/g	ND	<	0.1600		8910067	03	A	828SSNDF	SWH
SWL-CO-01-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.3600		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	HpCDD	140.000	ng/g			0.7300		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	HpCDF	140.000	ng/g			0.5200		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	HxCDD	8.600	ng/g			0.6500		8909261	27	A	828SSNDF	SWL

.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT .... contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SWL-CO-01-1	HxCDF	45.000	ng/g			0.4000		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	OCDD	800.000	ng/g			0.8700		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	OCDF	95.000	ng/g			0.6500		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	PeCDD	0.000	ng/g	ND	<	0.4000		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	PeCDF	4.100	ng/g			0.2700		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	TCDD	0.000	ng/g	ND	<	0.3600		8909261	27	A	828SSNDF	SWL
SWL-CO-01-1	TCDF	0.000	ng/g	ND	<	0.2300		8909261	27	A	828SSNDF	SWL
SWL-CO-02-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.0580		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	HpCDD	110.000	ng/g			0.1400		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	HpCDF	91.000	ng/g			0.0940		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	HxCDD	6.600	ng/g			0.1200		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	HxCDF	34.000	ng/g			0.0680		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	OCDD	540.000	ng/g			0.1500		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	OCDF	69.000	ng/g			0.1300		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	PeCDD	0.000	ng/g	ND	<	0.0660		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	PeCDF	3.000	ng/g			0.0450		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	TCDD	0.000	ng/g	ND	<	0.0580		8910004	24	A	828SSNDF	SWL
SWL-CO-02-1	TCDF	0.055	ng/g	<5X		0.0330		8910004	24	A	828SSNDF	SWL
SWL-FO-01-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.7600		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	HpCDD	240.000	ng/g			1.4000		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	HpCDF	210.000	ng/g			0.9100		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	HxCDD	16.000	ng/g			1.5000		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	HxCDF	74.000	ng/g			0.8600		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	OCDD	1300.000	ng/g			1.2000		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	OCDF	190.000	ng/g			1.2000		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	PeCDD	0.000	ng/g	ND	<	0.8200		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	PeCDF	7.300	ng/g			0.5900		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	TCDD	0.000	ng/g	ND	<	0.7600		8909261	28	A	828SSNDF	SWL
SWL-FO-01-1	TCDF	0.000	ng/g	ND	<	0.4400		8909261	28	A	828SSNDF	SWL
SWL-FO-02-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.0940		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	HpCDD	220.000	ng/g			0.2100		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	HpCDF	170.000	ng/g			0.1300		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	HxCDD	12.000	ng/g			0.1700		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	HxCDF	74.000	ng/g			0.1200		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	OCDD	1000.000	ng/g			0.2500		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	OCDF	130.000	ng/g			0.1800		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	PeCDD	0.000	ng/g	ND	<	0.1100		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	PeCDF	6.100	ng/g			0.0740		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	TCDD	0.000	ng/g	ND	<	0.0940		8910004	25	A	828SSNDF	SWL
SWL-FO-02-1	TCDF	0.076	ng/g	<5X		0.0510		8910004	25	A	828SSNDF	SWL
SWL-FPC-01-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.3600		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	HpCDD	140.000	ng/g			0.7300		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	HpCDF	140.000	ng/g			0.5200		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	HxCDD	8.600	ng/g			0.6500		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	HxCDF	45.000	ng/g			0.4000		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	OCDD	800.000	ng/g			0.8700		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	OCDF	95.000	ng/g			0.6500		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	PeCDD	0.000	ng/g	ND	<	0.4000		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	PeCDF	4.100	ng/g			0.2700		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	TCDD	0.000	ng/g	ND	<	0.3600		8909261	26	A	828SSNDF	SWL
SWL-FPC-01-1	TCDF	0.000	ng/g	ND	<	0.2300		8909261	26	A	828SSNDF	SWL
SWL-FPC-02-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.3600		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	HpCDD	770.000	ng/g			1.2000		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	HpCDF	670.000	ng/g			0.8200		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	HxCDD	46.000	ng/g			0.9000		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	HxCDF	290.000	ng/g			0.5900		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	OCDD	2900.000	ng/g			1.2000		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	OCDF	350.000	ng/g			0.7600		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	PeCDD	0.000	ng/g	ND	<	0.5400		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	PeCDF	0.000	ng/g			0.7800	NC	8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	TCDD	0.000	ng/g	ND	<	0.3600		8910004	27	A	828SSNDF	SWL
SWL-FPC-02-1	TCDF	0.380	ng/g	<5X		0.2100		8910004	27	A	828SSNDF	SWL
SWL-WS-01-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.0680		8909261	24	A	828SSNDF	SWL
SWL-WS-01-1	HpCDD	14.000	ng/g			0.1200		8909261	24	A	828SSNDF	SWL
SWL-WS-01-1	HpCDF	19.000	ng/g			0.0810		8909261	24	A	828SSNDF	SWL
SWL-WS-01-1	HxCDD	2.500	ng/g			0.0960		8909261	24	A	828SSNDF	SWL
SWL-WS-01-1	HxCDF	6.600	ng/g			0.0590		8909261	24	A	828SSNDF	SWL
SWL-WS-01-1	OCDD	120.000	ng/g			0.1300		8909261	24	A	828SSNDF	SWL
SWL-WS-01-1	OCDF	16.000	ng/g			0.1100		8909261	24	A	828SSNDF	SWL
SWL-WS-01-1	PeCDD	0.000	ng/g	ND	<	0.0780		8909261	24	A	828SSNDF	SWL

.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT .... contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SWL-WS-01-1	PeCDF	0.290	ng/g			0.0550		8909261	24	A	828SSWDF	SWL
SWL-WS-01-1	TCDD	0.000	ng/g	ND	<	0.0680		8909261	24	A	828SSWDF	SWL
SWL-WS-01-1	TCDF	0.000	ng/g	ND	<	0.0390		8909261	24	A	828SSWDF	SWL
SWL-WS-01-2	2,3,7,8-TCD	0.000	ng/g	ND	<	0.0340		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	HpCDD	19.000	ng/g			0.0650		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	HpCDF	18.000	ng/g			0.0460		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	HxCDD	1.200	ng/g			0.0560		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	HxCDF	7.500	ng/g			0.0370		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	OCDD	97.000	ng/g			0.0790		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	OCDF	12.000	ng/g			0.0640		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	PeCDD	0.000	ng/g	ND	<	0.3700		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	PeCDF	0.240	ng/g			0.0250		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	TCDD	0.000	ng/g	ND	<	0.0340		8909261	25	A	828SSWDF	SWL
SWL-WS-01-2	TCDF	0.000	ng/g	ND	<	0.0200		8909261	25	A	828SSWDF	SWL
SWL-WS-02-1	2,3,7,8-TCD	0.000	ng/g	ND	<	0.9600		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	HpCDD	25.000	ng/g			0.1700		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	HpCDF	21.000	ng/g			0.1100		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	HxCDD	1.300	ng/g			0.1500		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	HxCDF	9.000	ng/g			0.0980		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	OCDD	120.000	ng/g			0.1800		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	OCDF	16.000	ng/g			0.1500		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	PeCDD	0.000	ng/g	ND	<	0.1000		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	PeCDF	0.670	ng/g			0.0710		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	TCDD	0.000	ng/g	ND	<	0.9600		8910004	26	A	828SSWDF	SWL
SWL-WS-02-1	TCDF	0.071	ng/g	<5X		0.0540		8910004	26	A	828SSWDF	SWL
ATS-EFF-01-1	2,3,7,8-TCD	0.000	ng/L	ND	<	2.3000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	HpCDD	0.000	ng/L	ND	<	3.0000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	HpCDF	0.000	ng/L	ND	<	2.1000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	HxCDD	0.000	ng/L	ND	<	2.1000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	HxCDF	0.000	ng/L	ND	<	1.4000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	OCDD	37.000	ng/L			3.6000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	OCDF	0.000	ng/L	ND	<	4.5000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	PeCDD	0.000	ng/L	ND	<	1.9000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	PeCDF	0.000	ng/L	ND	<	1.5000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	TCDD	0.000	ng/L	ND	<	2.3000		8910005	23	A	828SWNDF	ATS
ATS-EFF-01-1	TCDF	0.000	ng/L	ND	<	1.5000		8910005	23	A	828SWNDF	ATS
ATS-EFF-03-1	2,3,7,8-TCD	0.000	ng/L	ND	<	1.6000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	HpCDD	27.000	ng/L			3.3000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	HpCDF	31.000	ng/L			2.3000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	HxCDD	0.000	ng/L	ND	<	2.4000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	HxCDF	8.900	ng/L			1.5000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	OCDD	180.000	ng/L			3.6000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	OCDF	25.000	ng/L			3.4000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	PeCDD	0.000	ng/L	ND	<	2.0000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	PeCDF	0.000	ng/L	ND	<	1.4000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	TCDD	0.000	ng/L	ND	<	1.6000		8910019	01	A	828SWNDF	ATS
ATS-EFF-03-1	TCDF	0.000	ng/L	ND	<	1.0000		8910019	01	A	828SWNDF	ATS
ATS-EFF-05-1	2,3,7,8-TCD	0.000	ng/L	ND	<	2.0000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	HpCDD	0.000	ng/L	ND	<	5.0000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	HpCDF	0.000	ng/L	ND	<	3.9000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	HxCDD	0.000	ng/L	ND	<	4.2000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	HxCDF	0.000	ng/L	ND	<	2.9000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	OCDD	41.000	ng/L			7.1000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	OCDF	0.000	ng/L	ND	<	5.0000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	PeCDD	0.000	ng/L	ND	<	2.1000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	PeCDF	0.000	ng/L	ND	<	2.6000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	TCDD	0.000	ng/L	ND	<	2.0000		8910019	02	A	828SWNDF	ATS
ATS-EFF-05-1	TCDF	0.000	ng/L	ND	<	1.1000		8910019	02	A	828SWNDF	ATS
ATS-EFF-07-1	2,3,7,8-TCD	0.000	ng/L	ND	<	2.1000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	HpCDD	63.000	ng/L			4.3000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	HpCDF	42.000	ng/L			3.0000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	HxCDD	0.000	ng/L	ND	<	3.6000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	HxCDF	6.800	ng/L	<5X		2.1000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	OCDD	340.000	ng/L			5.2000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	OCDF	51.000	ng/L			4.6000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	PeCDD	0.000	ng/L	ND	<	2.4000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	PeCDF	0.000	ng/L	ND	<	1.5000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	TCDD	0.000	ng/L	ND	<	2.1000		8910048	01	A	828SWNDF	ATS
ATS-EFF-07-1	TCDF	0.000	ng/L	ND	<	1.3000		8910048	01	A	828SWNDF	ATS
ATS-EFF-09-1	2,3,7,8-TCD	0.000	ng/L	ND	<	1.5000		8910291	01	A	828SWNDF	ATS

.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT .... contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
ATS-EFF-09-1	HpCDD	0.000	ng/L	ND	<	2.5000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	HpCDF	0.000	ng/L	ND	<	1.7000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	HxCDD	0.000	ng/L	ND	<	2.4000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	HxCDF	0.000	ng/L	ND	<	1.5000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	OCDD	12.000	ng/L	<5X		3.6000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	OCDF	0.000	ng/L	ND	<	2.7000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	PeCDD	0.000	ng/L	ND	<	1.6000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	PeCDF	0.000	ng/L	ND	<	1.0000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	TCDD	0.000	ng/L	ND	<	1.5000		8910291	01	A	828SWNDF	ATS
ATS-EFF-09-1	TCDF	0.000	ng/L	ND	<	0.8800		8910291	01	A	828SWNDF	ATS
ATS-EQB-01-1	2,3,7,8-TCD	0.000	ng/L	ND	<	1.5000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	HpCDD	0.000	ng/L	ND	<	4.2000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	HpCDF	0.000	ng/L	ND	<	2.7000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	HxCDD	0.000	ng/L	ND	<	2.6000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	HxCDF	0.000	ng/L	ND	<	1.7000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	OCDD	0.000	ng/L	ND	<	7.3000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	OCDF	0.000	ng/L	ND	<	5.0000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	PeCDD	0.000	ng/L	ND	<	1.8000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	PeCDF	6.300	ng/L	<5X		1.3000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	TCDD	0.000	ng/L	ND	<	1.5000		8910005	24	A	828SWNDF	ATS
ATS-EQB-01-1	TCDF	0.000	ng/L	ND	<	0.8700		8910005	24	A	828SWNDF	ATS
ATS-EQB-03-1	2,3,7,8-TCD	0.000	ng/L	ND	<	2.5000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	HpCDD	0.000	ng/L	ND	<	5.0000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	HpCDF	0.000	ng/L	ND	<	3.6000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	HxCDD	0.000	ng/L	ND	<	3.8000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	HxCDF	0.000	ng/L	ND	<	2.8000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	OCDD	0.000	ng/L	ND	<	10.0000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	OCDF	0.000	ng/L	ND	<	7.1000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	PeCDD	0.000	ng/L	ND	<	2.4000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	PeCDF	0.000	ng/L	ND	<	1.4000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	TCDD	0.000	ng/L	ND	<	2.5000		8910005	25	A	828SWNDF	ATS
ATS-EQB-03-1	TCDF	0.000	ng/L	ND	<	1.4000		8910005	25	A	828SWNDF	ATS
ATS-EQB-05-1	2,3,7,8-TCD	0.000	ng/L	ND	<	2.8000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	HpCDD	0.000	ng/L	ND	<	5.4000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	HpCDF	0.000	ng/L	ND	<	3.5000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	HxCDD	0.000	ng/L	ND	<	3.9000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	HxCDF	0.000	ng/L	ND	<	2.7000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	OCDD	15.000	ng/L	<5X		8.2000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	OCDF	0.000	ng/L	ND	<	6.2000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	PeCDD	0.000	ng/L	ND	<	3.0000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	PeCDF	0.000	ng/L	ND	<	2.0000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	TCDD	0.000	ng/L	ND	<	2.8000		8910019	05	A	828SWNDF	ATS
ATS-EQB-05-1	TCDF	0.000	ng/L	ND	<	1.6000		8910019	05	A	828SWNDF	ATS
ATS-EQB-07-1	2,3,7,8-TCD	0.000	ng/L	ND	<	2.6000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	HpCDD	0.000	ng/L	ND	<	3.1000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	HpCDF	0.000	ng/L	ND	<	2.0000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	HxCDD	0.000	ng/L	ND	<	2.6000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	HxCDF	0.000	ng/L	ND	<	1.7000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	OCDD	18.000	ng/L			3.5000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	OCDF	0.000	ng/L	ND	<	3.1000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	PeCDD	0.000	ng/L	ND	<	2.0000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	PeCDF	0.000	ng/L	ND	<	1.5000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	TCDD	0.000	ng/L	ND	<	2.6000		8910048	02	A	828SWNDF	ATS
ATS-EQB-07-1	TCDF	0.000	ng/L	ND	<	1.6000		8910048	02	A	828SWNDF	ATS
ATS-EQB-09-1	2,3,7,8-TCD	0.000	ng/L	ND	<	3.3000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	HpCDD	0.000	ng/L	ND	<	8.2000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	HpCDF	0.000	ng/L	ND	<	4.8000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	HxCDD	0.000	ng/L	ND	<	4.7000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	HxCDF	0.000	ng/L	ND	<	3.1000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	OCDD	0.000	ng/L	ND	<	12.0000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	OCDF	0.000	ng/L	ND	<	9.8000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	PeCDD	0.000	ng/L	ND	<	3.5000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	PeCDF	0.000	ng/L	ND	<	3.9000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	TCDD	0.000	ng/L	ND	<	3.3000		8910069	01	A	828SWNDF	ATS
ATS-EQB-09-1	TCDF	0.000	ng/L	ND	<	1.8000		8910069	01	A	828SWNDF	ATS
SBR-EQB-02-2	2,3,7,8-TCD	0.000	ng/L	ND	<	1.7000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	HpCDD	0.000	ng/L	ND	<	2.5000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	HpCDF	0.000	ng/L	ND	<	1.8000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	HxCDD	0.000	ng/L	ND	<	2.4000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	HxCDF	0.000	ng/L	ND	<	1.6000		8910215	02	A	828SWNDF	SBR

.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT .... contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SBR-EQB-02-2	OCDD	0.000	ng/L	ND	<	2.9000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	OCDF	0.000	ng/L	ND	<	2.5000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	PeCDD	0.000	ng/L	ND	<	1.6000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	PeCDF	0.000	ng/L	ND	<	1.2000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	TCDD	0.000	ng/L	ND	<	1.7000		8910215	02	A	828SWNDF	SBR
SBR-EQB-02-2	TCDF	0.000	ng/L	ND	<	1.1000		8910215	02	A	828SWNDF	SBR
SBR-EQB-04-2	2,3,7,8-TCD	0.000	ng/L	ND	<	2.1000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	HpCDD	0.000	ng/L	ND	<	3.0000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	HpCDF	0.000	ng/L	ND	<	2.1000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	HxCDD	0.000	ng/L	ND	<	2.6000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	HxCDF	0.000	ng/L	ND	<	1.8000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	OCDD	0.000	ng/L	ND	<	3.5000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	OCDF	0.000	ng/L	ND	<	3.1000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	PeCDD	0.000	ng/L	ND	<	1.9000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	PeCDF	0.000	ng/L	ND	<	1.4000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	TCDD	0.000	ng/L	ND	<	2.1000		8910237	03	A	828SWNDF	SBR
SBR-EQB-04-2	TCDF	0.000	ng/L	ND	<	1.4000		8910237	03	A	828SWNDF	SBR
SBR-EQB-06-2	2,3,7,8-TCD	0.000	ng/L	ND	<	1.8000		8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	HpCDD	0.000	ng/L			10.0000	NC	8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	HpCDF	0.000	ng/L	ND	<	22.0000		8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	HxCDD	0.000	ng/L	ND	<	30.0000		8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	HxCDF	0.000	ng/L	ND	<	12.0000		8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	OCDD	0.000	ng/L	ND	<	32.0000		8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	OCDF	0.000	ng/L			10.0000	NC	8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	PeCDD	0.000	ng/L	ND	<	18.0000		8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	PeCDF	0.000	ng/L	ND	<	28.0000		8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	TCDD	0.000	ng/L	ND	<	1.8000		8910254	02	A	828SWNDF	SBR
SBR-EQB-06-2	TCDF	0.000	ng/L	ND	<	16.0000		8910254	02	A	828SWNDF	SBR
SBR-EQB-08-2	2,3,7,8-TCD	0.000	ng/L	ND	<	2.5000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	HpCDD	0.000	ng/L	ND	<	4.6000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	HpCDF	0.000	ng/L	ND	<	3.3000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	HxCDD	0.000	ng/L	ND	<	2.2000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	HxCDF	0.000	ng/L	ND	<	2.6000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	OCDD	28.000	ng/L	<5X		7.5000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	OCDF	0.000	ng/L	ND	<	4.9000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	PeCDD	0.000	ng/L	ND	<	2.6000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	PeCDF	0.000	ng/L	ND	<	1.8000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	TCDD	0.000	ng/L	ND	<	2.5000		8910272	01	A	828SWNDF	SBR
SBR-EQB-08-2	TCDF	0.000	ng/L	ND	<	1.4000		8910272	01	A	828SWNDF	SBR
SBR-EQB-10-2	2,3,7,8-TCD	0.000	ng/L	ND	<	3.3000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	HpCDD	0.000	ng/L	ND	<	3.9000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	HpCDF	0.000	ng/L	ND	<	2.6000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	HxCDD	0.000	ng/L	ND	<	4.4000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	HxCDF	0.000	ng/L	ND	<	2.5000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	OCDD	0.000	ng/L	ND	<	5.2000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	OCDF	0.000	ng/L	ND	<	4.3000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	PeCDD	0.000	ng/L	ND	<	2.3000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	PeCDF	0.000	ng/L	ND	<	1.8000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	TCDD	0.000	ng/L	ND	<	3.3000		8910306	03	A	828SWNDF	SBR
SBR-EQB-10-2	TCDF	0.000	ng/L	ND	<	2.1000		8910306	03	A	828SWNDF	SBR
SBR-EQB-12-2	2,3,7,8-TCD	0.000	ng/L	ND	<	1.7000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	HpCDD	0.000	ng/L	ND	<	2.8000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	HpCDF	0.000	ng/L	ND	<	2.0000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	HxCDD	0.000	ng/L	ND	<	2.6000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	HxCDF	0.000	ng/L	ND	<	1.7000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	OCDD	0.000	ng/L	ND	<	2.6000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	OCDF	0.000	ng/L	ND	<	2.4000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	PeCDD	0.000	ng/L	ND	<	1.7000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	PeCDF	0.000	ng/L	ND	<	1.2000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	TCDD	0.000	ng/L	ND	<	1.7000		8910315	03	A	828SWNDF	SBR
SBR-EQB-12-2	TCDF	0.000	ng/L	ND	<	1.1000		8910315	03	A	828SWNDF	SBR
SBR-EQB-14-2	2,3,7,8-TCD	0.000	ng/L	ND	<	2.2000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	HpCDD	0.000	ng/L	ND	<	3.2000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	HpCDF	0.000	ng/L	ND	<	2.2000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	HxCDD	0.000	ng/L	ND	<	3.0000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	HxCDF	0.000	ng/L	ND	<	2.0000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	OCDD	0.000	ng/L	ND	<	3.4000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	OCDF	0.000	ng/L	ND	<	3.4000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	PeCDD	0.000	ng/L	ND	<	2.2000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	PeCDF	0.000	ng/L	ND	<	1.5000		8911004	04	A	828SWNDF	SBR

.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT .... contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SBR-EQB-14-2	TCDD	0.000	ng/L	ND	<	2.2000		8911004	04	A	828SWNDF	SBR
SBR-EQB-14-2	TCDF	0.000	ng/L	ND	<	1.3000		8911004	04	A	828SWNDF	SBR
SWH-CDE-02-1	2,3,7,8-TCD	0.000	ng/L	ND	<	1.6000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	HpCDD	990.000	ng/L			3.1000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	HpCDF	590.000	ng/L			2.0000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	HxCDD	49.000	ng/L			2.5000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	HxCDF	170.000	ng/L			1.6000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	OCDD	5000.000	ng/L			3.4000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	OCDF	700.000	ng/L			1.7000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	PeCDD	0.000	ng/L	ND	<	1.8000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	PeCDF	9.800	ng/L			1.3000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	TCDD	0.000	ng/L	ND	<	1.6000		8910019	03	A	828SWNDF	SWH
SWH-CDE-02-1	TCDF	0.000	ng/L	ND	<	0.9900		8910019	03	A	828SWNDF	SWH
SWH-CDE-05-1	2,3,7,8-TCD	0.000	ng/L	ND	<	1.6000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	HpCDD	1100.000	ng/L			3.9000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	HpCDF	720.000	ng/L			2.6000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	HxCDD	55.000	ng/L			3.0000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	HxCDF	190.000	ng/L			1.9000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	OCDD	6000.000	ng/L			4.3000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	OCDF	750.000	ng/L			3.5000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	PeCDD	0.000	ng/L	ND	<	1.9000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	PeCDF	11.000	ng/L			1.3000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	TCDD	0.000	ng/L	ND	<	1.6000		8910054	30	A	828SWNDF	SWH
SWH-CDE-05-1	TCDF	0.000	ng/L	ND	<	0.8900		8910054	30	A	828SWNDF	SWH
SWH-EQB-02-1	2,3,7,8-TCD	0.000	ng/L	ND	<	4.1000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	HpCDD	0.000	ng/L	ND	<	19.0000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	HpCDF	0.000	ng/L	ND	<	13.0000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	HxCDD	0.000	ng/L	ND	<	7.9000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	HxCDF	0.000	ng/L	ND	<	4.7000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	OCDD	0.000	ng/L	ND	<	35.0000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	OCDF	0.000	ng/L	ND	<	28.0000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	PeCDD	0.000	ng/L	ND	<	5.9000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	PeCDF	0.000	ng/L	ND	<	3.9000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	TCDD	0.000	ng/L	ND	<	4.1000		8910019	04	A	828SWNDF	SWH
SWH-EQB-02-1	TCDF	0.000	ng/L	ND	<	2.2000		8910019	04	A	828SWNDF	SWH
SWH-EQB-05-1	2,3,7,8-TCD	0.000	ng/L	ND	<	1.8000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	HpCDD	0.000	ng/L	ND	<	3.4000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	HpCDF	0.000	ng/L	ND	<	2.2000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	HxCDD	0.000	ng/L	ND	<	2.8000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	HxCDF	0.000	ng/L	ND	<	1.8000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	OCDD	0.000	ng/L	ND	<	4.4000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	OCDF	0.000	ng/L	ND	<	3.7000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	PeCDD	0.000	ng/L	ND	<	1.9000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	PeCDF	0.000	ng/L	ND	<	1.3000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	TCDD	0.000	ng/L	ND	<	1.8000		8910054	31	A	828SWNDF	SWH
SWH-EQB-05-1	TCDF	0.000	ng/L	ND	<	1.0000		8910054	31	A	828SWNDF	SWH
SWH-WS-01-2	2,3,7,8-TCD	0.000	ng/L	ND	<	2.2000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	HpCDD	0.000	ng/L	ND	<	3.7000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	HpCDF	0.000	ng/L	ND	<	2.6000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	HxCDD	0.000	ng/L	ND	<	3.5000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	HxCDF	0.000	ng/L	ND	<	2.3000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	OCDD	8.100	ng/L	<5X		3.6000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	OCDF	0.000	ng/L	ND	<	3.4000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	PeCDD	0.000	ng/L	ND	<	2.2000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	PeCDF	0.000	ng/L	ND	<	1.5000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	TCDD	0.000	ng/L	ND	<	2.2000		8911065	04	A	828SWNDF	SWH
SWH-WS-01-2	TCDF	0.000	ng/L	ND	<	1.3000		8911065	04	A	828SWNDF	SWH
SWH-WS-02-2	2,3,7,8-TCD	0.000	ng/L	ND	<	2.0000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	HpCDD	0.000	ng/L	ND	<	3.6000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	HpCDF	0.000	ng/L	ND	<	2.5000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	HxCDD	0.000	ng/L	ND	<	3.3000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	HxCDF	0.000	ng/L	ND	<	2.2000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	OCDD	9.400	ng/L	<5X		3.3000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	OCDF	0.000	ng/L	ND	<	3.2000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	PeCDD	0.000	ng/L	ND	<	2.1000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	PeCDF	0.000	ng/L	ND	<	1.5000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	TCDD	0.000	ng/L	ND	<	2.0000		8911065	03	A	828SWNDF	SWH
SWH-WS-02-2	TCDF	0.000	ng/L	ND	<	1.2000		8911065	03	A	828SWNDF	SWH
SWH-WS-04-2	2,3,7,8-TCD	0.000	ng/L	ND	<	2.3000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	HpCDD	0.000	ng/L	ND	<	3.9000		8911065	05	A	828SWNDF	SWH

.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT .... contd

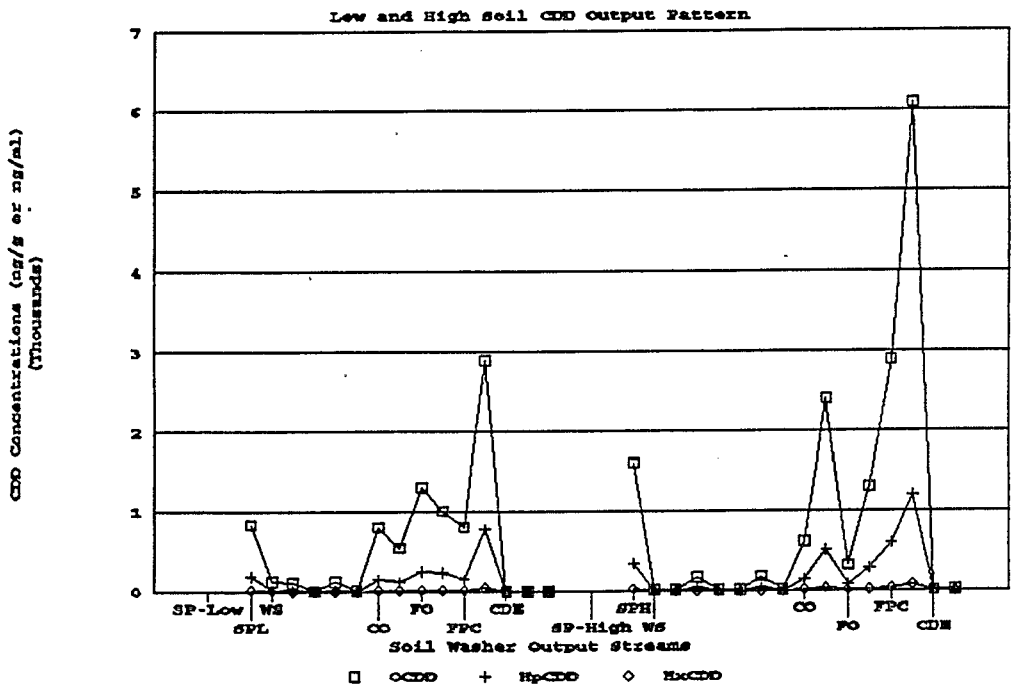
Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SWH-WS-04-2	HpCDF	0.000	ng/L	ND	<	2.7000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	HxCDD	0.000	ng/L	ND	<	3.7000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	HxCDF	0.000	ng/L	ND	<	2.5000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	OCDD	11.000	ng/L	<5X		3.6000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	OCDF	0.000	ng/L	ND	<	3.5000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	PeCDD	0.000	ng/L	ND	<	2.4000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	PeCDF	0.000	ng/L	ND	<	1.7000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	TCDD	0.000	ng/L	ND	<	2.3000		8911065	05	A	828SWNDF	SWH
SWH-WS-04-2	TCDF	0.000	ng/L	ND	<	1.4000		8911065	05	A	828SWNDF	SWH
SWH-WS-05-2	2,3,7,8-TCD	0.000	ng/L	ND	<	2.5000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	HpCDD	0.000	ng/L	ND	<	4.0000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	HpCDF	0.000	ng/L	ND	<	2.8000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	HxCDD	0.000	ng/L	ND	<	3.8000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	HxCDF	0.000	ng/L	ND	<	2.6000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	OCDD	9.200	ng/L	<5X		4.1000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	OCDF	0.000	ng/L	ND	<	4.1000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	PeCDD	0.000	ng/L	ND	<	2.4000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	PeCDF	0.000	ng/L	ND	<	1.7000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	TCDD	0.000	ng/L	ND	<	2.5000		8911065	08	A	828SWNDF	SWH
SWH-WS-05-2	TCDF	0.000	ng/L	ND	<	1.4000		8911065	08	A	828SWNDF	SWH
SWH-WS-06-2	2,3,7,8-TCD	0.000	ng/L	ND	<	2.2000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	HpCDD	0.000	ng/L	ND	<	3.7000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	HpCDF	0.000	ng/L	ND	<	2.7000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	HxCDD	0.000	ng/L	ND	<	3.5000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	HxCDF	0.000	ng/L	ND	<	2.3000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	OCDD	6.400	ng/L	<5X		3.6000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	OCDF	0.000	ng/L	ND	<	3.5000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	PeCDD	0.000	ng/L	ND	<	2.2000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	PeCDF	0.000	ng/L	ND	<	1.6000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	TCDD	0.000	ng/L	ND	<	2.2000		8911065	07	A	828SWNDF	SWH
SWH-WS-06-2	TCDF	0.000	ng/L	ND	<	1.3000		8911065	07	A	828SWNDF	SWH
SWL-CDE-01-1	2,3,7,8-TCD	0.000	ng/L	ND	<	1.7000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	HpCDD	230.000	ng/L			2.4000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	HpCDF	240.000	ng/L			1.8000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	HxCDD	11.000	ng/L	<5X		2.6000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	HxCDF	90.000	ng/L			1.9000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	OCDD	1500.000	ng/L			3.8000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	OCDF	190.000	ng/L			3.4000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	PeCDD	0.000	ng/L	ND	<	1.5000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	PeCDF	3.800	ng/L	<5X		0.9500		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	TCDD	0.000	ng/L	ND	<	1.7000		8909267	01	A	828SWNDF	SWL
SWL-CDE-01-1	TCDF	0.000	ng/L	ND	<	0.9100		8909267	01	A	828SWNDF	SWL
SWL-CDE-02-1	2,3,7,8-TCD	0.000	ng/L	ND	<	1.3000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	HpCDD	150.000	ng/L			2.7000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	HpCDF	130.000	ng/L			1.8000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	HxCDD	7.700	ng/L	<5X		2.1000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	HxCDF	73.000	ng/L			1.3000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	OCDD	820.000	ng/L			3.0000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	OCDF	120.000	ng/L			2.9000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	PeCDD	0.000	ng/L	ND	<	1.5000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	PeCDF	2.100	ng/L	<5X		1.1000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	TCDD	0.000	ng/L	ND	<	1.3000		8910005	26	A	828SWNDF	SWL
SWL-CDE-02-1	TCDF	0.000	ng/L	ND	<	0.7500		8910005	26	A	828SWNDF	SWL
SWL-EQB-02-2	2,3,7,8-TCD	0.000	ng/L	ND	<	1.7000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	HpCDD	0.000	ng/L	ND	<	3.3000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	HpCDF	0.000	ng/L	ND	<	2.2000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	HxCDD	0.000	ng/L	ND	<	2.8000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	HxCDF	0.000	ng/L	ND	<	1.9000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	OCDD	0.000	ng/L	ND	<	4.1000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	OCDF	0.000	ng/L	ND	<	3.5000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	PeCDD	0.000	ng/L	ND	<	1.8000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	PeCDF	0.000	ng/L	ND	<	1.2000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	TCDD	0.000	ng/L	ND	<	1.7000		8910005	27	A	828SWNDF	SWL
SWL-EQB-02-2	TCDF	0.000	ng/L	ND	<	1.1000		8910005	27	A	828SWNDF	SWL
SWL-WS-01-3	2,3,7,8-TCD	0.000	ng/L	ND	<	2.3000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	HpCDD	0.000	ng/L	ND	<	3.7000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	HpCDF	0.000	ng/L	ND	<	2.6000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	HxCDD	0.000	ng/L	ND	<	3.4000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	HxCDF	0.000	ng/L	ND	<	2.3000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	OCDD	5.100	ng/L	<5X		3.5000		8911065	01	A	828SWNDF	SWL

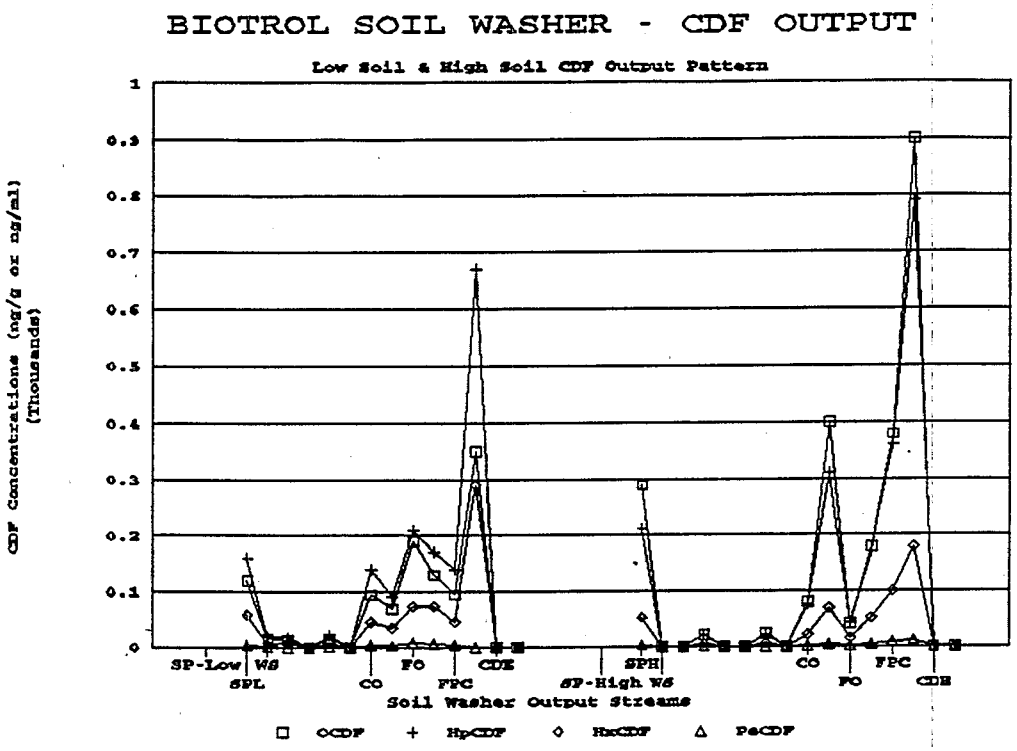
.....continue

BIOTROL SOIL TREATMENT SYSTEM - LABORATORY ANALYTICAL REPORT ..... contd

Sample ID	Analyte	Result	Measured Units	Rsltflag	Rsltchar	Detection Limit	FOOTNOT	Work Order	Wofrac	Woflag	Test Code	Process
SWL-WS-01-3	OCDF	0.000	ng/L	ND	<	3.4000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	PeCDD	0.000	ng/L	ND	<	2.3000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	PeCDF	0.000	ng/L	ND	<	1.6000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	TCDD	0.000	ng/L	ND	<	2.3000		8911065	01	A	828SWNDF	SWL
SWL-WS-01-3	TCDF	0.000	ng/L	ND	<	1.3000		8911065	01	A	828SWNDF	SWL
SWL-WS-02-3	2,3,7,8-TCD	0.000	ng/L	ND	<	2.2000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	HpCDD	0.000	ng/L	ND	<	3.7000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	HpCDF	0.000	ng/L	ND	<	2.6000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	HxCDD	0.000	ng/L	ND	<	3.5000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	HxCDF	0.000	ng/L	ND	<	2.3000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	OCDD	13.000	ng/L	<5X		3.4000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	OCDF	0.000	ng/L	ND	<	3.4000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	PeCDD	0.000	ng/L	ND	<	2.3000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	PeCDF	0.000	ng/L	ND	<	1.6000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	TCDD	0.000	ng/L	ND	<	2.2000		8911065	02	A	828SWNDF	SWL
SWL-WS-02-3	TCDF	0.000	ng/L	ND	<	1.3000		8911065	02	A	828SWNDF	SWL

BIOTROL SOIL WASHER - CDD OUTPUT




BIOTROL SOIL WASHER - CDF OUTPUT
Low Soil & High Soil CDF Output Pattern
CDF Concentrations (ng/g or ng/ml)
(Thousands)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
SP-Low WS
SPL
CO
FO
FPC
CDE
SPH
SP-High WS
CO
FO
FPC
CDE
Soil Washer Output Streams
OCDF
HpCDF
HxCDF
PeCDF