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APPENDIX B. DATA SUMMARY TABLES

Volatile Organic Compounds

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Volatile Organic Analyses (modified 8260A)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
DAS SAMPLE NUMBER:		DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	RL						
Vinyl chloride	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
1,1-Dichloroethene	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
Methylene chloride	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
trans-1,2-Dichloroethene	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
1,1-Dichloroethane	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
cis-1,2-Dichloroethene	0.10	62 J	58 J	26 UJ	53 UJ	28 J	60 UJ
Chloroform	0.10	66 UJ	76 UJ	26 UJ	53 UJ	44 UJ	60 UJ
1,1,1-Trichloroethane	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
1,2-Dichloroethane	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
Benzene	0.04	26 UJ	30 UJ	10 UJ	21 UJ	9 J	24 UJ
Trichloroethene	0.10	37 J	76 UJ	26 UJ	53 UJ	44 UJ	60 UJ
1,1,2-Trichloroethane	0.10	66 UJ	76 UJ	26 UJ	53 UJ	44 UJ	60 UJ
Tetrachloroethene	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
1,1,1,2-Tetrachloroethane	0.04	26 UJ	30 UJ	10 UJ	21 UJ	18 UJ	24 UJ
Ethylbenzene	0.04	26 UJ	30 UJ	10 UJ	21 UJ	18 UJ	24 UJ
m/p-Xylene	0.10	66 UJ	76 UJ	26 UJ	53 UJ	44 UJ	60 UJ
o-Xylene	0.10	66 UJ	76 UJ	26 UJ	53 UJ	44 UJ	60 UJ
1,1,2,2-Tetrachloroethane	0.10	66 UJ	76 UJ	26 UJ	53 UJ	44 UJ	60 UJ
Naphthalene	0.30	197 UJ	228 UJ	77 UJ	159 UJ	132 UJ	180 U
DILUTION FACTOR:		655.0	761.1	257.0	530.8	438.7	599.7
SAMPLE WEIGHT (g):		30.8	23.6	33.2	27.5	35.0	27.8
PERCENT MOISTURE (%):		86	86	69	82	81	84
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/12/97	11/12/97	11/13/97	11/13/97	11/13/97	11/14/97
DATE ANALYZED:		11/23/97	11/23/97	11/21/97	11/21/97	11/24/97	11/28/97

NOTES:
RL - Reporting Limit
J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Volatile Organic Analyses (modified 8260A)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-04-03	SED-05-03	SED-06-03	SED-07-02	SED-07-05	SED-07-10
DAS SAMPLE NUMBER:		DAM334	DAM328	DAM345	DAM359	DAM360	DAM353
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	RL						
Vinyl chloride	0.30	221 U	28 U	96 U	74 UJ	79 UJ	101 UJ
1,1-Dichloroethene	0.30	221 U	28 U	96 U	74 UJ	79 UJ	101 UJ
Methylene chloride	0.30	221 U	28 U	96 U	74 UJ	79 UJ	101 UJ
trans-1,2-Dichloroethene	0.30	221 U	28 U	96 U	74 UJ	79 UJ	101 UJ
1,1-Dichloroethane	0.30	221 U	28 U	96 U	74 UJ	79 UJ	101 UJ
cis-1,2-Dichloroethene	0.10	74 UJ	7 J	38 J	20 J	18 J	24 J
Chloroform	0.10	224 UJ	9 UJ	32 UJ	25 UJ	26 UJ	34 UJ
1,1,1-Trichloroethane	0.30	221 U	28 U	96 U	74 UJ	79 UJ	101 UJ
1,2-Dichloroethane	0.30	221 U	28 U	96 U	74 UJ	79 UJ	101 UJ
Benzene	0.04	32 UJ	6 J	17 J	10 UJ	11 UJ	13 UJ
Trichloroethene	0.10	74 UJ	6 J	52 J	16 J	24 J	35 J
1,1,2-Trichloroethane	0.10	74 UJ	9 UJ	32 UJ	25 UJ	26 UJ	34 UJ
Tetrachloroethene	0.30	221 U	28 U	96 U	74 UJ	79 UJ	101 UJ
1,1,1,2-Tetrachloroethane	0.04	29 UJ	4 UJ	13 UJ	10 UJ	11 UJ	13 UJ
Ethylbenzene	0.04	29 UJ	5 J	9 J	5 J	11 UJ	13 UJ
m/p-Xylene	0.10	74 UJ	10 J	25 J	25 UJ	26 UJ	34 UJ
o-Xylene	0.10	74 UJ	9 UJ	32 UJ	25 UJ	26 UJ	34 UJ
1,1,2,2-Tetrachloroethane	0.10	74 UJ	9 UJ	32 UJ	25 UJ	26 UJ	34 UJ
Naphthalene	0.30	221 U	17 J	70 J	74 UJ	79 UJ	101 UJ
DILUTION FACTOR:		735.8	94.3	320.6	248.3	263.0	336.9
SAMPLE WEIGHT (g):		22.1	44.5	26.1	33.0	36.8	32.1
PERCENT MOISTURE (%):		85	42	71	68	71	75
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/14/97	11/13/97	11/18/97	11/20/97	11/20/97	11/19/97
DATE ANALYZED:		11/24/97	11/21/97	12/1/97	12/2/97	12/2/97	12/1/97

NOTES:
RL - Reporting Limit
J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Volatile Organic Analyses (modified 8260A)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01	SED-12-03
DAS SAMPLE NUMBER:		DAM351	DAM352	DAM355	DAM336	DAM357	DAM358
REMARKS:		FD of SED-10-04	-----	FD of SED-10-01	-----	-----	-----
ANALYTE	RL						
Vinyl chloride	0.30	330 U	278 U	312 U	171 U	309 U	124 U
1,1-Dichloroethene	0.30	330 U	278 U	312 U	171 U	309 U	124 U
Methylene chloride	0.30	330 U	278 U	312 U	171 U	309 U	124 U
trans-1,2-Dichloroethene	0.30	330 U	278 U	312 U	387	309 U	124 U
1,1-Dichloroethane	0.30	330 U	278 U	312 U	171 U	309 U	124 U
cis-1,2-Dichloroethene	0.10	110 UJ	93 UJ	64 J	170 J	417 J	25 J
Chloroform	0.10	110 UJ	93 UJ	104 UJ	154 UJ	103 UJ	41 UJ
1,1,1-Trichloroethane	0.30	330 U	278 U	312 U	171 U	309 U	124 U
1,2-Dichloroethane	0.30	330 U	278 U	312 U	171 U	309 U	124 U
Benzene	0.04	44 UJ	21 J	42 UJ	23 UJ	41 UJ	9 J
Trichloroethene	0.10	110 UJ	60 J	104 UJ	103 UJ	53 J	41 UJ
1,1,2-Trichloroethane	0.10	110 UJ	93 UJ	104 UJ	57 UJ	103 UJ	41 UJ
Tetrachloroethene	0.30	330 U	278 U	312 U	171 U	309 U	124 U
1,1,1,2-Tetrachloroethane	0.04	44 UJ	37 UJ	42 UJ	23 UJ	41 UJ	16 UJ
Ethylbenzene	0.04	44 UJ	37 UJ	42 UJ	23 UJ	41 UJ	16 UJ
m/p-Xylene	0.10	110 UJ	93 UJ	104 UJ	57 UJ	103 UJ	41 UJ
o-Xylene	0.10	110 UJ	93 UJ	104 UJ	57 UJ	103 UJ	41 UJ
1,1,2,2-Tetrachloroethane	0.10	110 UJ	93 UJ	104 UJ	57 UJ	103 UJ	41 UJ
Naphthalene	0.30	330 U	278 U	312 U	171 U	309 U	124 U
DILUTION FACTOR:		1098.7	925.0	1041.5	569.9	1029.7	412.5
SAMPLE WEIGHT (g):		28.1	26.2	31.1	34.9	31.8	35.3
PERCENT MOISTURE (%):		91	89	91	85	91	80
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/19/97	11/19/97	11/19/97	11/14/97	11/20/97	11/20/97
DATE ANALYZED:		11/28/97	12/2/97	12/2/97	11/21/97	12/1/97	12/1/97

NOTES:
RL - Reporting Limit
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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Volatile Organic Analyses (modified 8260A)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03	SED-19-01
DAS SAMPLE NUMBER:		DAM341	DAM342	DAM340	DAM347	DAM348	DAM354
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	RL						
Vinyl chloride	0.30	104 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
1,1-Dichloroethene	0.30	104 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
Methylene chloride	0.30	104 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
trans-1,2-Dichloroethene	0.30	104 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
1,1-Dichloroethane	0.30	104 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
cis-1,2-Dichloroethene	0.10	35 UJ	23 J	187 J	37 J	76 UJ	82 J
Chloroform	0.10	35 UJ	32 UJ	63 UJ	59 UJ	76 UJ	79 UJ
1,1,1-Trichloroethane	0.30	104 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
1,2-Dichloroethane	0.30	104 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
Benzene	0.04	8 J	7 J	25 UJ	24 UJ	31 UJ	32 UJ
Trichloroethene	0.10	35 UJ	37 J	206 J	59 UJ	76 UJ	42 J
1,1,2-Trichloroethane	0.10	35 UJ	32 UJ	63 UJ	59 UJ	76 UJ	79 UJ
Tetrachloroethene	0.30	108 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
1,1,1,2-Tetrachloroethane	0.04	14 UJ	13 UJ	25 UJ	24 UJ	31 UJ	32 UJ
Ethylbenzene	0.04	9 J	13 UJ	25 UJ	24 UJ	31 UJ	32 UJ
m/p-Xylene	0.10	35 UJ	32 UJ	63 UJ	59 UJ	76 UJ	79 UJ
o-Xylene	0.10	35 UJ	32 UJ	63 UJ	59 UJ	76 UJ	79 UJ
1,1,2,2-Tetrachloroethane	0.10	35 UJ	32 UJ	63 UJ	59 UJ	76 UJ	79 UJ
Naphthalene	0.30	104 UJ	97 UJ	190 UJ	178 U	229 U	237 UJ
DILUTION FACTOR:		346.0	323.7	634.8	592.9	763.1	790.4
SAMPLE WEIGHT (g):		33.3	31.8	32.7	32.3	23.5	29.5
PERCENT MOISTURE (%):		76	74	86	85	86	88
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/17/97	11/17/97	11/17/97	11/18/97	11/18/97	11/19/97
DATE ANALYZED:		11/28/97	11/28/97	12/1/97	11/28/97	11/28/97	12/1/97

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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Volatile Organic Analyses (modified 8260A)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-20-01	SED-21-01	SED-21-05	SED-22-02	SED-24-03	SED-25-02
DAS SAMPLE NUMBER:		DAM339	DAM335	DAM337	DAM321	DAM320	DAM346
REMARKS:		-----	FD of SED-21-05	FD of SED-21-01	-----	-----	-----
ANALYTE	RL						
Vinyl chloride	0.30	343 U	225 UJ	229 U	205 U	69 U	36 UJ
1,1-Dichloroethene	0.30	343 U	225 UJ	229 U	205 U	69 U	36 UJ
Methylene chloride	0.30	343 U	225 UJ	229 U	205 U	69 U	36 UJ
trans-1,2-Dichloroethene	0.30	343 U	225 UJ	229 U	205 U	69 U	36 UJ
1,1-Dichloroethane	0.30	343 U	225 UJ	229 U	205 U	69 U	36 UJ
cis-1,2-Dichloroethene	0.10	562 J	75 UJ	76 UJ	73 J	23 UJ	12 UJ
Chloroform	0.10	114 UJ	75 UJ	76 UJ	68 UJ	23 UJ	12 UJ
1,1,1-Trichloroethane	0.30	343 U	225 UJ	229 U	205 U	69 U	36 UJ
1,2-Dichloroethane	0.30	343 U	225 UJ	229 U	205 U	69 U	36 UJ
Benzene	0.04	46 UJ	19 J	22 J	27 UJ	9 UJ	4 J
Trichloroethene	0.10	2025 J	75 UJ	76 UJ	803	23 UJ	12 UJ
1,1,2-Trichloroethane	0.10	114 UJ	75 UJ	76 UJ	68 UJ	23 UJ	12 UJ
Tetrachloroethene	0.30	790 U	225 UJ	229 U	3164	69 U	36 UJ
1,1,1,2-Tetrachloroethane	0.04	46 UJ	30 UJ	31 UJ	27 UJ	9 UJ	5 UJ
Ethylbenzene	0.04	46 UJ	30 UJ	31 UJ	27 UJ	9 UJ	5 UJ
m/p-Xylene	0.10	114 UJ	75 UJ	76 UJ	68 UJ	23 UJ	12 UJ
o-Xylene	0.10	114 UJ	75 UJ	76 UJ	68 UJ	23 UJ	12 UJ
1,1,2,2-Tetrachloroethane	0.10	114 UJ	75 UJ	76 UJ	68 UJ	23 UJ	12 UJ
Naphthalene	0.30	343 U	255 J	379	205 U	69 U	36 UJ
DILUTION FACTOR:		1141.7	748.9	763.5	684.9	229.2	118.4
SAMPLE WEIGHT (g):		26.2	32.7	31.5	24.9	35.6	38.2
PERCENT MOISTURE (%):		91	88	88	85	67	47
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/17/97	11/14/97	11/14/97	11/12/97	11/12/97	11/18/97
DATE ANALYZED:		11/24/97	11/24/97	11/28/97	11/23/97	11/21/97	11/28/97

NOTES:
RL - Reporting Limit
J - Quantitation is approximate due to limitations identified in the quality control review
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R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Volatile Organic Analyses (modified 8260A)
Trip Blank and Methanol Matrices
(ug/kg)

M&E SAMPLE ID:		SED-12-TB	SED-13-TB	SED-14-MB	SED-14-TB	SED-17-TB	SED-18-TB
DAS SAMPLE NUMBER:		DAM324	DAM329	DAM338	DAM332	DAM343	DAM350
REMARKS:		Trip Blank	Trip Blank	Methanol Blank	Trip Blank	Trip Blank	Trip Blank
ANALYTE	RL						
Vinyl chloride	0.30	15 U	15 U	15 U	15 U	15 U	15 U
1,1-Dichloroethene	0.30	15 U	15 U	15 U	15 U	15 U	15 U
Methylene chloride	0.30	15 U	15 U	15 U	15 U	15 U	15 U
trans-1,2-Dichloroethene	0.30	15 U	15 U	15 U	15 U	15 U	15 U
1,1-Dichloroethane	0.30	15 U	15 U	15 U	15 U	15 U	15 U
cis-1,2-Dichloroethene	0.10	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Chloroform	0.10	5 UJ	5 UJ	24 J	5 UJ	5 UJ	5 UJ
1,1,1-Trichloroethane	0.30	15 U	15 U	38	15 U	15 U	15 U
1,2-Dichloroethane	0.30	15 U	15 U	15 U	15 U	15 U	15 U
Benzene	0.04	2 UJ	2 UJ	2 J	2 UJ	2 UJ	2 UJ
Trichloroethene	0.10	5 UJ	5 UJ	3 J	5 UJ	5 UJ	5 UJ
1,1,2-Trichloroethane	0.10	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Tetrachloroethene	0.30	15 U	15 U	16 U	15 U	15 U	15 U
1,1,1,2-Tetrachloroethane	0.04	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
Ethylbenzene	0.04	2 UJ	2 UJ	1 J	2 UJ	2 UJ	2 UJ
m/p-Xylene	0.10	5 UJ	5 UJ	4 J	5 UJ	5 UJ	5 UJ
o-Xylene	0.10	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
1,1,2,2-Tetrachloroethane	0.10	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Naphthalene	0.30	15 U	15 U	15 U	15 U	15 U	15 U
DILUTION FACTOR:		50.0	50.0	50.0	50.0	50.0	50.0
SAMPLE WEIGHT (g):		NA	NA	NA	NA	NA	NA
PERCENT MOISTURE (%):		NA	NA	NA	NA	NA	NA
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/12/97	11/13/97	11/14/97	11/14/97	11/17/97	11/18/97
DATE ANALYZED:		11/21/97	11/21/97	11/28/97	11/23/97	11/28/97	11/28/97

NOTES:
RL - Reporting Limit
J - Quantitation is approximate due to limitations identified in the quality control review
MB - Contamination detected in field method blank
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Volatile Organic Analyses (modified 8260A)
Trip Blank and Methanol Matrices
(ug/kg)

M&E SAMPLE ID:		SED-19-TB	SED-20-TB
DAS SAMPLE NUMBER:		DAM356	DAM361
REMARKS:		Trip Blank	Trip Blank
ANALYTE	RL		
Vinyl chloride	0.30	15 U	15 U
1,1-Dichloroethene	0.30	15 U	15 U
Methylene chloride	0.30	15 U	15 U
trans-1,2-Dichloroethene	0.30	15 U	15 U
1,1-Dichloroethane	0.30	15 U	15 U
cis-1,2-Dichloroethene	0.10	5 UJ	5 UJ
Chloroform	0.10	5 UJ	5 UJ
1,1,1-Trichloroethane	0.30	15 U	15 U
1,2-Dichloroethane	0.30	15 U	15 U
Benzene	0.04	2 UJ	2 UJ
Trichloroethene	0.10	5 UJ	5 UJ
1,1,2-Trichloroethane	0.10	5 UJ	5 UJ
Tetrachloroethene	0.30	15 U	15 U
1,1,1,2-Tetrachloroethane	0.04	2 UJ	2 UJ
Ethylbenzene	0.04	2 UJ	2 UJ
m/p-Xylene	0.10	5 UJ	5 UJ
o-Xylene	0.10	5 UJ	5 UJ
1,1,2,2-Tetrachloroethane	0.10	5 UJ	5 UJ
Naphthalene	0.30	15 U	15 U
DILUTION FACTOR:		50.0	50.0
SAMPLE WEIGHT (g):		NA	NA
PERCENT MOISTURE (%):		NA	NA
LEVEL:		Low	Low
DATE SAMPLED:		11/19/97	11/20/97
DATE ANALYZED:		12/1/97	12/2/97

NOTES:
RL - Reporting Limit
J - Quantitation is approximate due to limitations identified in the quality control review
MB - Contamination detected in field method blank
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Volatile Organic Analyses (modified 8260A)
Aqueous Matrix
(ug/L)

M&E SAMPLE ID:		SED-17-EB	SED-20-EB
DAS SAMPLE NUMBER:		DAM344	DAM362
REMARKS:		Equip. Blank	Equip. blank
ANALYTE	RL		
Vinyl chloride	0.5	0.5 U	0.5 U
1,1-Dichloroethene	0.5	0.5 U	0.5 U
Methylene chloride	0.5	0.5 U	0.28 J
trans-1,2-Dichloroethene	0.5	0.5 U	0.5 U
1,1-Dichloroethane	0.5	0.5 U	0.5 U
cis-1,2-Dichloroethene	0.5	0.5 U	0.5 U
Chloroform	0.5	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5	0.5 U	0.5 U
1,2-Dichloroethane	0.5	0.5 U	0.5 U
Benzene	0.5	0.5 U	0.5 U
Trichloroethene	0.5	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5	0.5 U	0.5 U
Tetrachloroethene	0.5	0.5 U	0.5 U
1,1,1,2-Tetrachloroethane	0.5	0.5 U	0.5 U
Ethylbenzene	0.5	0.5 U	0.5 U
m/p-Xylene	0.5	0.5 U	0.5 U
o-Xylene	0.5	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5	0.5 U	0.5 U
Naphthalene	0.5	0.5 U	0.5 U
DILUTION FACTOR:		1	1.0
LEVEL:		Low	Low
DATE SAMPLED:		11/17/97	11/20/97
DATE ANALYZED:		11/25/97	11/25/97

NOTES:
RL - Reporting Limit
J - Quantitation is approximate due to limitations identified in the quality control review
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R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

Low Concentration PAHs

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
DAS SAMPLE NUMBER:		DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
Naphthalene	67	24 J	23 J	13 J	24 J	18 J	56 J
2-Methylnaphthalene	67	20 J	20 J	10 J	20 J	16 J	41 J
Acenaphthylene	67	33 J	37 J	19 J	57 J	39 J	170
Acenaphthene	67	33 J	32 J	R	30 J	45 J	110 J
Fluorene	67	89	89	44 J	97	150	290
Phenanthrene	67	840	900	390	970	1000	3200
Anthracene	67	92	100	62 J	140	120	420
Fluoranthene	67	2100	2200	1200	3000	2600	8300
Pyrene	67	1900	1900	1100	2500	2600	6700
Benzo(a)anthracene	67	1000	1100	590	1500	1300	3100
Chrysene	67	880	980	660	1400	1300	3700
Benzo(b)fluoranthene	67	1400	1600	720	1700	1400	5100
Benzo(k)fluoranthene	67	730	690	340	710	640	2100
Benzo(a)pyrene	67	930	920	620	1400	1000	4100
Indeno(1,2,3-cd)pyrene	67	580	640	420	860	620	2600
Dibenz(a,h)anthracene	67	120	110	60 J	150	110	720
Benzo(g,h,i)perylene	67	480	510	330	640	570	1900
DILUTION FACTOR:		1	1	1	1/2	1/2	1/4
SAMPLE WEIGHT (g):		176.5	150	88.2	142.9	176.5	166.7
PERCENT MOISTURE (%):		83	80	66	79	83	82
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/12/97	11/12/97	11/13/97	11/13/97	11/13/97	11/14/97
DATE EXTRACTED:		11/18/97	11/18/97	11/18/97	11/18/97	11/18/97	11/18/97
DATE ANALYZED:		12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97

NOTES:
QL - Quantitation Limits
J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-04-03	SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05
DAS SAMPLE NUMBER:		DAM334	DAM328	DAM331	DAM345	DAM359	DAM360
REMARKS:		-----	FD of SED-05-05	FD of SED-05-03	-----	-----	-----
ANALYTE	QL						
Naphthalene	67	96 J	34 J	35 J	53 J	61 J	57 J
2-Methylnaphthalene	67	70	41 J	70	40 J	45 J	44 J
Acenaphthylene	67	160	30 J	42 J	120	140	130
Acenaphthene	67	170 J	84 J	120 J	130 J	220 J	170 J
Fluorene	67	490	160 J	290 J	400	640	500
Phenanthrene	67	3400	1300 J	2200 J	5200	8500	4800
Anthracene	67	640	200	290	550	740	880
Fluoranthene	67	8500	1900	2600	9900	14000	14000
Pyrene	67	6000	1600	2600	7500	9500	9800
Benzo(a)anthracene	67	3200	830	1200	4200 J	6000	5200
Chrysene	67	3800	890	980	6900 J	6600	6000
Benzo(b)fluoranthene	67	6000	770	700	6100 J	8800 J	7800 J
Benzo(k)fluoranthene	67	3800	67 UJ	860 J	1300 J	4100 J	1800 J
Benzo(a)pyrene	67	3500	660	810	5100 J	6000	5700
Indeno(1,2,3-cd)pyrene	67	2500	340	370	2400 J	4200	4200
Dibenz(a,h)anthracene	67	890	95	130	720 J	1200 J	1400 J
Benzo(g,h,i)perylene	67	2100	280	330	1900 J	3300	3400
DILUTION FACTOR:		1/4	1	1/2	1/5	1/8	1/8
SAMPLE WEIGHT (g):		200	41.7	47.6	96.8	83.3	90.9
PERCENT MOISTURE (%):		85	28	37	69	64	67
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/14/97	11/13/97	11/13/97	11/18/97	11/20/97	11/20/97
DATE EXTRACTED:		11/18/97	11/18/97	11/18/97	11/24/97	11/24/97	11/24/97
DATE ANALYZED:		12/18/97	12/18/97	12/18/97	12/20/97	12/23/97	12/23/97

NOTES:
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U - Value reported is the sample-specific detection limit
R - Value is rejected
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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-07-10	SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01
DAS SAMPLE NUMBER:		DAM353	DAM351	DAM352	DAM355	DAM336	DAM357
REMARKS:		-----	FD of SED-10-04	-----	-----	-----	-----
ANALYTE	QL						
Naphthalene	67	72 J	86 J	26 J	56 J	29 J	26 J
2-Methylnaphthalene	67	59 J	37 J	67 U	29 J	13 J	12 J
Acenaphthylene	67	140	16 J	8 J	24 J	9 J	16 J
Acenaphthene	67	230 J	27 J	R	31 J	R	R
Fluorene	67	550	110	59 J	120 J	46 J	47 J
Phenanthrene	67	12000	600	210	780 J	260	570 J
Anthracene	67	890	93	49 J	100 J	54 J	69 J
Fluoranthene	67	23000	1600	570	2300 J	1000	1200 J
Pyrene	67	15000	1300	470	2000 J	950	1000 J
Benzo(a)anthracene	67	9600	500	210	660	410	560 J
Chrysene	67	10000	520	380	780	670	850 J
Benzo(b)fluoranthene	67	16000 J	830 J	290 J	1100 J	780	1500 J
Benzo(k)fluoranthene	67	2300 J	470 J	220 J	430 J	720	720 J
Benzo(a)pyrene	67	10000	540	250	700	520	1000 J
Indeno(1,2,3-cd)pyrene	67	6900	360	190	450	360	740 J
Dibenz(a,h)anthracene	67	2000	110	69	140	99	220 J
Benzo(g,h,i)perylene	67	5300	330	200	400	300	640 J
DILUTION FACTOR:		1/10	1	1	1	1	1
SAMPLE WEIGHT (g):		96.8	200	187.5	200	150	187.5
PERCENT MOISTURE (%):		69	85	84	85	80	84
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/19/97	11/19/97	11/19/97	11/19/97	11/14/97	11/20/97
DATE EXTRACTED:		11/24/97	11/24/97	11/24/97	11/24/97	11/18/97	11/24/97
DATE ANALYZED:		12/23/97	12/26/97	12/22/97	12/26/97	12/20/97	12/26/97

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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-12-03	SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03
DAS SAMPLE NUMBER:		DAM358	DAM341	DAM342	DAM340	DAM347	DAM348
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
Naphthalene	67	98 J	67 J	40 J	15 J	29 J	34 J
2-Methylnaphthalene	67	22 J	73	23 J	67 U	15 J	21 J
Acenaphthylene	67	14 J	31 J	26 J	67 U	16 J	23 J
Acenaphthene	67	R	89 J	22 J	R	30 J	29 J
Fluorene	67	59 J	220	67 J	50 J	110	94
Phenanthrene	67	460	2700	960	400	1400	1200
Anthracene	67	79	300	99	50 J	150	130
Fluoranthene	67	750	5200	2300	990	4000	3100
Pyrene	67	650	4000	1700	590	3100	2600
Benzo(a)anthracene	67	420	1700	750	200	1400	1400
Chrysene	67	610	1700	1100	410	2200	2000
Benzo(b)fluoranthene	67	780 J	1900 J	1100 J	440 J	2500 J	2400 J
Benzo(k)fluoranthene	67	440 J	850 J	570 J	270 J	1200 J	920 J
Benzo(a)pyrene	67	440	1700	890	180 J	1900	1900 J
Indeno(1,2,3-cd)pyrene	67	330	1000	610	170 J	1400	1500 J
Dibenz(a,h)anthracene	67	110	220	180	60 J	430	410 J
Benzo(g,h,i)perylene	67	290	820	540	150 J	1400	1600 J
DILUTION FACTOR:		1	1/4	1	1	1/2	1/2
SAMPLE WEIGHT (g):		120	83.3	115.3	272.7	157.9	176.5
PERCENT MOISTURE (%):		75	64	74	89	81	83
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/20/97	11/17/97	11/17/97	11/17/97	11/18/97	11/18/97
DATE EXTRACTED:		11/24/97	11/24/97	11/24/97	11/24/97	11/24/97	11/24/97
DATE ANALYZED:		12/26/97	12/20/97	12/20/97	12/20/97	12/22/97	12/22/97

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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-19-01	SED-20-01	SED-21-01	SED-22-02	SED-24-03	SED-25-02
DAS SAMPLE NUMBER:		DAM354	DAM339	DAM335	DAM321	DAM320	DAM346
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
Naphthalene	67	12 J	14 J	1300 J	24 J	23 J	32 J
2-Methylnaphthalene	67	R	11 J	140	11 J	23 J	22 J
Acenaphthylene	67	R	67 UJ	38 J	8 J	44 J	22 J
Acenaphthene	67	R	R	67 J	R	50 J	69 J
Fluorene	67	14 J	29 J	240	23 J	130	120
Phenanthrene	67	160 J	240	600	490	1300	1600
Anthracene	67	18 J	26 J	420	46 J	250	330
Fluoranthene	67	410 J	720	1400	840	2600	2500
Pyrene	67	340 J	540 J	1300	610	2400	2300
Benzo(a)anthracene	67	130 J	210	390	300	960	1300
Chrysene	67	230 J	400	940	400	920	1400
Benzo(b)fluoranthene	67	290 J	330	980	440	880	1500 J
Benzo(k)fluoranthene	67	200 J	370	67 U	290	400	740 J
Benzo(a)pyrene	67	160 J	290 J	890 J	200	790 J	1300
Indeno(1,2,3-cd)pyrene	67	140 J	210 J	620 J	220	620 J	670
Dibenz(a,h)anthracene	67	46 J	97 J	240 J	44 J	120 J	220
Benzo(g,h,i)perylene	67	120 J	210 J	710 J	190	550 J	650
DILUTION FACTOR:		1	1	1	1	1	1/2
SAMPLE WEIGHT (g):		187.5	272.7	230.7	176.5	88.2	46.8
PERCENT MOISTURE (%):		84	89	87	83	66	36
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/19/97	11/14/97	11/14/97	11/12/97	11/12/97	11/18/97
DATE EXTRACTED:		11/24/97	11/18/97	11/18/97	11/18/97	11/18/97	11/24/97
DATE ANALYZED:		12/26/97	12/18/97	12/18/97	12/17/97	12/17/97	12/22/97

NOTES:
QL - Quantitation Limits
J - Quantitation is approximate due to limitations identified in the quality control review
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R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Aqueous Matrix
(ug/L)

M&E SAMPLE ID:		SED-17-EB	SED-20-EB
DAS SAMPLE NUMBER:		DAM344	DAM362
REMARKS:		Equip. Blank	Equip. blank
ANALYTE	QL		
Naphthalene	2.0	2.0 U	2.0 U
2-Methylnaphthalene	2.0	2.0 U	2.0 U
Acenaphthylene	2.0	2.0 U	2.0 U
Acenaphthene	2.0	2.0 U	2.0 U
Fluorene	2.0	2.0 U	2.0 U
Phenanthrene	2.0	2.0 U	2.0 U
Anthracene	2.0	2.0 U	2.0 U
Fluoranthene	2.0	2.0 U	2.0 U
Pyrene	2.0	2.0 U	2.0 U
Benzo(a)anthracene	2.0	2.0 U	2.0 U
Chrysene	2.0	2.0 U	2.0 U
Benzo(b)fluoranthene	2.0	2.0 U	2.0 U
Benzo(k)fluoranthene	2.0	2.0 U	2.0 U
Benzo(a)pyrene	2.0	2.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	2.0	2.0 U	2.0 U
Dibenz(a,h)anthracene	2.0	2.0 U	2.0 U
Benzo(g,h,i)perylene	2.0	2.0 U	2.0 U
DILUTION FACTOR:		1	1
LEVEL:		Low	Low
DATE SAMPLED:		11/14/97	11/20/97
DATE EXTRACTED:		11/24/97	11/24/97
DATE ANALYZED:		12/17/97	12/17/97

NOTES:
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UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells [illegible] (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
DAS SAMPLE NUMBER:	DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:	-----	-----	-----	-----	-----	-----
TENTATIVELY IDENTIFIED COMPOUNDS						
Unknown hydrocarbons	X	X	X	X	X	X
Unknown aromatics		X				
Unknown chlorinateds						
10-Octadecenoic acid, methyl ester						
11H-Benzo(a)fluorene		X			X	X
11H-Benzo(b)fluorene						
2-Pentadecanone, 6,10,14-trimethyl-						
4H-Cyclopenta(def)phenanthrene				X		X
9-Hexadecanoic acid, methyl ester						
9-Hexadecanoic acid, methyl ester, (z)-	X					X
9-Octadecenoic acid, (z)-, methyl ester						
9-Octadecenoic acid, 12-(acetyloxy)-, methyl ester, [r-(z)]-						X
9H-Fluorene, 4-methyl						
Anthracene, -methyl-						
Benzenamine, N-phenyl-						
Benzene, 1,1'-oxybis						
Benzene, ethenyl-, dimer						
Benzo(b)triphenylene				X		X
Benzo(c)phenanthrene		X				
Benzo(e)pyrene	X	X		X	X	X
Benzo(ghi)fluoranthene					X	X
Benzo[b]naphtho[1,2-d]thiophene						X
Chrysene, -methyl-						
Cyclohexane, 1-methyl-3-propyl-						
Dibenzothiophene						
Docosanoic acid, methyl ester				X	X	
Dodecanoic acid, hexadecyl ester						
Dodecanoic acid, methyl ester						
Eicosanoic acid, methyl ester				X	X	X
Heptadecanoic acid, 10-methyl-, methyl ester						
Heptadecanoic acid, 16-methyl-, methyl ester	X	X	X	X		X
Hexacosanoic acid, methyl ester	X	X	X	X	X	X
Hexadecanoic acid, 3,7,11,15-tetramethyl-, methyl ester						
Hexadecanoic acid, methyl ester						
Hydrazine, 1,1-diphenyl-2-(2,4,6-trinitrophenyl)-						
Naphthalene, -dimethyl-						
Naphthalene, -phenyl-		X				
Naphthalene, -trimethyl						
Naphthalene, 2-phenyl-						
Nonanal						
Octacosanoic acid, methyl ester	X	X	X	X	X	X
Octanal						
Phenanthrene, -dimethyl-						
Phenanthrene, -methyl-		X	X	X	X	X
Phenanthrene, -tetramethyl-						

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
DAS SAMPLE NUMBER:	DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:	-----	-----	-----	-----	-----	-----
Phenanthrene, 4-methyl-	X					
Pyrene, -methyl-		X		X	X	X
Squalene						
Tetracosanoic acid, methyl ester	X		X	X	X	X
Tetradecanoic acid, 12-methyl-, methyl ester						
Tetradecanoic acid, hexadecyl ester			X	X		
Tetradecanoic acid, methyl ester	X			X	X	X
Triacontanoic acid, methyl ester					X	
Triphenylene, 2-methyl-		X		X		
Undecanoic acid, 10-methyl-,methyl ester						
Unknown carboxylic acid methyl ester						
Unknown PAH						
Unknown PAH MW=226						
Unknown PAH MW=228						
Unknown PAH MW=234						
Unknown PAH MW=242				X		
Unknown PAH MW=252					X	
Unknown PAH MW=266						
Unknown PAH MW=276						
Unknown PAH MW=278						
Vitamin E						
DATE SAMPLED:	11/12/97	11/12/97	11/13/97	11/13/97	11/13/97	11/14/97

NOTES:
X - indicates that this TIC was reported in the sample

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-04-03	SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05
DAS SAMPLE NUMBER:	DAM334	DAM328	DAM331	DAM345	DAM359	DAM360
REMARKS:	-----	FD of SED-05-05	FD of SED-05-03	-----	-----	-----
TENTATIVELY IDENTIFIED COMPOUNDS						
Unknown hydrocarbons	X			X	X	X
Unknown aromatics		X				
Unknown chlorinateds						
10-Octadecenoic acid, methyl ester						
11H-Benzo(a)fluorene	X		X	X	X	X
11H-Benzo(b)fluorene					X	X
2-Pentadecanone, 6,10,14-trimethyl-	X				X	
4H-Cyclopenta(def)phenanthrene	X					
9-Hexadecanoic acid, methyl ester	X					
9-Hexadecanoic acid, methyl ester, (z)-	X			X		
9-Octadecenoic acid, (z)-, methyl ester						
9-Octadecenoic acid, 12-(acetyloxy)-, methyl ester, [r-(z)]-						
9H-Fluorene, 4-methyl		X				
Anthracene, -methyl-			X			
Benzenamine, N-phenyl-						
Benzene, 1,1'-oxybis						
Benzene, ethenyl-, dimer		X				
Benzo(b)triphenylene	X					
Benzo(c)phenanthrene						
Benzo(e)pyrene	X	X	X	X	X	X
Benzo(ghi)fluoranthene				X		
Benzo[b]naphtho[1,2-d]thiophene						
Chrysene, -methyl-			X			
Cyclohexane, 1-methyl-3-propyl-						
Dibenzothiophene						
Docosanoic acid, methyl ester				X	X	X
Dodecanoic acid, hexadecyl ester						
Dodecanoic acid, methyl ester				X	X	
Eicosanoic acid, methyl ester	X			X	X	X
Heptadecanoic acid, 10-methyl-, methyl ester						
Heptadecanoic acid, 16-methyl-, methyl ester	X			X	X	X
Hexacosanoic acid, methyl ester	X			X	X	
Hexadecanoic acid, 3,7,11,15-tetramethyl-, methyl ester						
Hexadecanoic acid, methyl ester				X		X
Hydrazine, 1,1-diphenyl-2-(2,4,6-trinitrophenyl)-		X				
Naphthalene, -dimethyl-		X	X			
Naphthalene, -phenyl-						
Naphthalene, -trimethyl			X			
Naphthalene, 2-phenyl-		X	X			
Nonanal						
Octacosanoic acid, methyl ester	X			X	X	X
Octanal						
Phenanthrene, -dimethyl-			X			
Phenanthrene, -methyl-		X	X		X	X
Phenanthrene, -tetramethyl-						

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-04-03	SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05
DAS SAMPLE NUMBER:	DAM334	DAM328	DAM331	DAM345	DAM359	DAM360
REMARKS:	-----	FD of SED-05-05	FD of SED-05-03	-----	-----	-----
Phenanthrene, 4-methyl-	X	X	X	X	X	X
Pyrene, -methyl-	X					
Squalene	X		X	X	X	X
Tetracosanoic acid, methyl ester					X	
Tetradecanoic acid, 12-methyl-, methyl ester						
Tetradecanoic acid, hexadecyl ester	X			X		X
Tetradecanoic acid, methyl ester						
Triacontanoic acid, methyl ester		X			X	X
Triphenylene, 2-methyl-						X
Undecanoic acid, 10-methyl-,methyl ester						
Unknown carboxylic acid methyl ester						
Unknown PAH						X
Unknown PAH MW=226						X
Unknown PAH MW=228				X	X	
Unknown PAH MW=234						
Unknown PAH MW=242	X			X	X	X
Unknown PAH MW=252						
Unknown PAH MW=266				X		
Unknown PAH MW=276						
Unknown PAH MW=278					X	
Vitamin E	X					
DATE SAMPLED:	11/14/97	11/13/97	11/13/97	11/18/97	11/20/97	11/20/97

NOTES:
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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-07-10	SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01
DAS SAMPLE NUMBER:	DAM353	DAM351	DAM352	DAM355	DAM336	DAM357
REMARKS:	-----	FD of SED-10-04	-----	FD of SED-10-01	-----	-----
TENTATIVELY IDENTIFIED COMPOUNDS						
Unknown hydrocarbons	X	X	X	X	X	X
Unknown aromatics						
Unknown chlorinateds						
10-Octadecenoic acid, methyl ester						
11H-Benzo(a)fluorene	X					
11H-Benzo(b)fluorene						
2-Pentadecanone, 6,10,14-trimethyl-	X			X		
4H-Cyclopenta(def)phenanthrene					X	
9-Hexadecanoic acid, methyl ester						
9-Hexadecanoic acid, methyl ester, (z)-				X		X
9-Octadecenoic acid, (z)-, methyl ester						
9-Octadecenoic acid, 12-(acetyloxy)-, methyl ester, [r-(z)]-						
9H-Fluorene, 4-methyl						
Anthracene, -methyl-						
Benzenamine, N-phenyl-		X	X	X	X	
Benzene, 1,1'-oxybis			X			
Benzene, ethenyl-, dimer						
Benzo(b)triphenylene						
Benzo(c)phenanthrene						
Benzo(e)pyrene	X	X		X	X	X
Benzo(ghi)fluoranthene						
Benzo[b]naphtho[1,2-d]thiophene						
Chrysene, -methyl-						
Cyclohexane, 1-methyl-3-propyl-						
Dibenzothiophene					X	
Docosanoic acid, methyl ester	X	X	X	X	X	X
Dodecanoic acid, hexadecyl ester						
Dodecanoic acid, methyl ester	X	X	X	X		X
Eicosanoic acid, methyl ester	X	X	X	X		X
Heptadecanoic acid, 10-methyl-, methyl ester						
Heptadecanoic acid, 16-methyl-, methyl ester	X	X	X	X	X	X
Hexacosanoic acid, methyl ester					X	
Hexadecanoic acid, 3,7,11,15-tetramethyl-, methyl ester						X
Hexadecanoic acid, methyl ester	X	X	X	X		X
Hydrazine, 1,1-diphenyl-2-(2,4,6-trinitrophenyl)-						
Naphthalene, -dimethyl-						
Naphthalene, -phenyl-						
Naphthalene, -trimethyl-						
Naphthalene, 2-phenyl-						
Nonanal						
Octacosanoic acid, methyl ester	X	X	X	X	X	X
Octanal						
Phenanthrene, -dimethyl-						
Phenanthrene, -methyl-	X					
Phenanthrene, -tetramethyl-						

SITE: Wells [illegible] (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-07-10	SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01
DAS SAMPLE NUMBER:	DAM353	DAM351	DAM352	DAM355	DAM336	DAM357
REMARKS:	-----	FD of SED-10-04	-----	FD of SED-10-01	-----	-----
Phenanthrene, 4-methyl-						
Pyrene, -methyl-	X				X	
Squalene						
Tetracosanoic acid, methyl ester	X	X	X	X		X
Tetradecanoic acid, 12-methyl-, methyl ester						X
Tetradecanoic acid, hexadecyl ester						
Tetradecanoic acid, methyl ester	X	X	X	X		X
Triacontanoic acid, methyl ester						
Triphenylene, 2-methyl-	X				X	
Undecanoic acid, 10-methyl-,methyl ester						
Unknown carboxylic acid methyl ester						
Unknown PAH						
Unknown PAH MW=226	X					
Unknown PAH MW=228	X					
Unknown PAH MW=234						
Unknown PAH MW=242						
Unknown PAH MW=252	X		X			
Unknown PAH MW=266						
Unknown PAH MW=276						
Unknown PAH MW=278						
Vitamin E	X					
DATE SAMPLED:	11/19/97	11/19/97	11/19/97	11/19/97	11/14/97	11/20/97

NOTES:
X - indicates that this TIC was reported in the sample

SITE: Wells Go... (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-12-03	SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03
DAS SAMPLE NUMBER:	DAM358	DAM341	DAM342	DAM340	DAM347	DAM348
REMARKS:	-----	-----	-----	-----	-----	-----
TENTATIVELY IDENTIFIED COMPOUNDS						
Unknown hydrocarbons	X	X	X	X	X	X
Unknown aromatics		X				
Unknown chlorinateds						
10-Octadecenoic acid, methyl ester						
11H-Benzo(a)fluorene						
11H-Benzo(b)fluorene						
2-Pentadecanone, 6,10,14-trimethyl-				X		
4H-Cyclopenta(def)phenanthrene						X
9-Hexadecanoic acid, methyl ester					X	X
9-Hexadecanoic acid, methyl ester, (z)-	X					
9-Octadecenoic acid, (z)-, methyl ester						
9-Octadecenoic acid, 12-(acetyloxy)-, methyl ester, [r-(z)]-						
9H-Fluorene, 4-methyl						
Anthracene, -methyl-					X	X
Benzenamine, N-phenyl-						
Benzene, 1,1'-oxybis						
Benzene, ethenyl-, dimer						
Benzo(b)triphenylene						
Benzo(c)phenanthrene					X	X
Benzo(e)pyrene	X	X				
Benzo(ghi)fluoranthene						
Benzo[b]naphtho[1,2-d]thiophene						
Chrysene, -methyl-						
Cyclohexane, 1-methyl-3-propyl-						
Dibenzothiophene						
Docosanoic acid, methyl ester	X	X	X	X	X	X
Dodecanoic acid, hexadecyl ester				X		
Dodecanoic acid, methyl ester	X		X	X		X
Eicosanoic acid, methyl ester	X	X	X	X	X	X
Heptadecanoic acid, 10-methyl-, methyl ester						
Heptadecanoic acid, 16-methyl-, methyl ester	X		X	X	X	X
Hexacosanoic acid, methyl ester	X					
Hexadecanoic acid, 3,7,11,15-tetramethyl-, methyl ester	X					
Hexadecanoic acid, methyl ester	X	X	X	X	X	X
Hydrazine, 1,1-diphenyl-2-(2,4,6-trinitrophenyl)-						
Naphthalene, -dimethyl-		X				
Naphthalene, -phenyl-						
Naphthalene, -trimethyl		X				
Naphthalene, 2-phenyl-						
Nonanal						
Octacosanoic acid, methyl ester	X		X		X	X
Octanal						
Phenanthrene, -dimethyl-						
Phenanthrene, -methyl-		X				
Phenanthrene, -tetramethyl-		X				

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-12-03	SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03
DAS SAMPLE NUMBER:	DAM358	DAM341	DAM342	DAM340	DAM347	DAM348
REMARKS:	-----	-----	-----	-----	-----	-----
Phenanthrene, 4-methyl-						
Pyrene, -methyl-					X	X
Squalene						
Tetracosanoic acid, methyl ester	X	X	X		X	X
Tetradecanoic acid, 12-methyl-, methyl ester	X					X
Tetradecanoic acid, hexadecyl ester					X	X
Tetradecanoic acid, methyl ester	X	X	X	X	X	X
Triacontanoic acid, methyl ester						
Triphenylene, 2-methyl-						
Undecanoic acid, 10-methyl-,methyl ester					X	
Unknown carboxylic acid methyl ester			X			X
Unknown PAH				X		
Unknown PAH MW=226						
Unknown PAH MW=228						
Unknown PAH MW=234		X			X	
Unknown PAH MW=242					X	
Unknown PAH MW=252				X		
Unknown PAH MW=266						
Unknown PAH MW=276						
Unknown PAH MW=278						
Vitamin E						
DATE SAMPLED:	11/20/97	11/17/97	11/17/97	11/17/97	11/18/97	11/18/97

NOTES:
X - indicates that this TIC was reported in the sample

SITE: Wells G... (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-19-01	SED-20-01	SED-21-01	SED-22-02	SED-24-03	SED-25-02
DAS SAMPLE NUMBER:	DAM354	DAM339	DAM335	DAM321	DAM320	DAM346
REMARKS:	-----	-----	-----	-----	-----	-----
TENTATIVELY IDENTIFIED COMPOUNDS						
Unknown hydrocarbons	X	X	X	X	X	X
Unknown aromatics			X			
Unknown chlorinateds						
10-Octadecenoic acid, methyl ester		X				
11H-Benzo(a)fluorene						X
11H-Benzo(b)fluorene						X
2-Pentadecanone, 6,10,14-trimethyl-	X	X				
4H-Cyclopenta(def)phenanthrene						
9-Hexadecanoic acid, methyl ester						
9-Hexadecanoic acid, methyl ester, (z)-						
9-Octadecenoic acid, (z)-, methyl ester				X		
9-Octadecenoic acid, 12-(acetyloxy)-, methyl ester, [r-(z)]-						
9H-Fluorene, 4-methyl						
Anthracene, -methyl-						
Benzenamine, N-phenyl-						
Benzene, 1,1'-oxybis						
Benzene, ethenyl-, dimer						
Benzo(b)triphenylene						X
Benzo(c)phenanthrene						
Benzo(e)pyrene				X	X	X
Benzo(ghi)fluoranthene						
Benzo[b]naphtho[1,2-d]thiophene						
Chrysene, -methyl-						
Cyclohexane, 1-methyl-3-propyl-						
Dibenzothiophene						
Docosanoic acid, methyl ester	X				X	
Dodecanoic acid, hexadecyl ester						
Dodecanoic acid, methyl ester	X					
Eicosanoic acid, methyl ester	X	X	X	X	X	
Heptadecanoic acid, 10-methyl-, methyl ester			X			
Heptadecanoic acid, 16-methyl-, methyl ester	X	X		X		X
Hexacosanoic acid, methyl ester	X	X	X	X	X	
Hexadecanoic acid, 3,7,11,15-tetramethyl-, methyl ester						
Hexadecanoic acid, methyl ester	X					X
Hydrazine, 1,1-diphenyl-2-(2,4,6-trinitrophenyl)-						
Naphthalene, -dimethyl-			X			
Naphthalene, -phenyl-						
Naphthalene, -trimethyl			X			
Naphthalene, 2-phenyl-						
Nonanal			X			
Octacosanoic acid, methyl ester					X	X
Octanal			X			
Phenanthrene, -dimethyl-						
Phenanthrene, -methyl-					X	
Phenanthrene, -tetramethyl-	X				X	

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-19-01	SED-20-01	SED-21-01	SED-22-02	SED-24-03	SED-25-02
DAS SAMPLE NUMBER:	DAM354	DAM339	DAM335	DAM321	DAM320	DAM346
REMARKS:	-----	-----	-----	-----	-----	-----
Phenanthrene, 4-methyl-						X
Pyrene, -methyl-			X	X	X	X
Squalene						
Tetracosanoic acid, methyl ester	X		X	X	X	
Tetradecanoic acid, 12-methyl-, methyl ester		X				
Tetradecanoic acid, hexadecyl ester	X	X	X	X	X	
Tetradecanoic acid, methyl ester						
Triacontanoic acid, methyl ester					X	X
Triphenylene, 2-methyl-		X		X		
Undecanoic acid, 10-methyl-,methyl ester						
Unknown carboxylic acid methyl ester						
Unknown PAH						
Unknown PAH MW=226						X
Unknown PAH MW=228						X
Unknown PAH MW=234						X
Unknown PAH MW=242						
Unknown PAH MW=252						
Unknown PAH MW=266						X
Unknown PAH MW=276						
Unknown PAH MW=278						
Vitamin E						
DATE SAMPLED:	11/19/97	11/17/97	11/14/97	11/12/97	11/12/97	11/18/97

NOTES:
X - indicates that this TIC was reported in the sample

SITE: Wells G... (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-17-EB	SED-20-EB
DAS SAMPLE NUMBER:	DAM344	DAM362
REMARKS:	Equip. Blank	Equip. Blank
TENTATIVELY IDENTIFIED COMPOUNDS		
Unknown hydrocarbons		
Unknown aromatics		
Unknown chlorinateds	X	
10-Octadecenoic acid, methyl ester		
11H-Benzo(a)fluorene		
11H-Benzo(b)fluorene		
2-Pentadecanone, 6,10,14-trimethyl-		
4H-Cyclopenta(def)phenanthrene		
9-Hexadecanoic acid, methyl ester		
9-Hexadecanoic acid, methyl ester, (z)-		
9-Octadecenoic acid, (z)-, methyl ester		
9-Octadecenoic acid, 12-(acetyloxy)-, methyl ester, [r-(z)]-		
9H-Fluorene, 4-methyl		
Anthracene, -methyl-		
Benzenamine, N-phenyl-		
Benzene, 1,1'-oxybis		
Benzene, ethenyl-, dimer		
Benzo(b)triphenylene		
Benzo(c)phenanthrene		
Benzo(e)pyrene		
Benzo(ghi)fluoranthene		
Benzo[b]naphtho[1,2-d]thiophene		
Chrysene, -methyl-		
Cyclohexane, 1-methyl-3-propyl-	X	
Dibenzothiophene		
Docosanoic acid, methyl ester		
Dodecanoic acid, hexadecyl ester		
Dodecanoic acid, methyl ester		
Eicosanoic acid, methyl ester		
Heptadecanoic acid, 10-methyl-, methyl ester		
Heptadecanoic acid, 16-methyl-, methyl ester		
Hexadecanoic acid, methyl ester		
Hexadecanoic acid, 3,7,11,15-tetramethyl-, methyl ester		
Hexadecanoic acid, methyl ester		
Hydrazine, 1,1-diphenyl-2-(2,4,6-trinitrophenyl)-		
Naphthalene, -dimethyl-		
Naphthalene, -phenyl-		
Naphthalene, -trimethyl		
Naphthalene, 2-phenyl-		
Nonanal		
Octacosanoic acid, methyl ester		
Octanal		
Phenanthrene, -dimethyl-		
Phenanthrene, -methyl-		
Phenanthrene, -tetramethyl-		

SITE: Wells G. (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (OLM03.1)
Sediment Matrix
Tentatively Identified Compounds (TICs)

M&E SAMPLE ID:	SED-17-EB	SED-20-EB
DAS SAMPLE NUMBER:	DAM344	DAM362
REMARKS:	Equip. Blank	Equip. Blank
Phenanthrene, 4-methyl-		
Pyrene, -methyl-		
Squalene		
Tetracosanoic acid, methyl ester		
Tetradecanoic acid, 12-methyl-, methyl ester		
Tetradecanoic acid, hexadecyl ester		
Tetradecanoic acid, methyl ester		
Triacontanoic acid, methyl ester		
Triphenylene, 2-methyl-		
Undecanoic acid, 10-methyl-,methyl ester		
Unknown carboxylic acid methyl ester		
Unknown PAH		
Unknown PAH MW=226		
Unknown PAH MW=228		
Unknown PAH MW=234		
Unknown PAH MW=242		
Unknown PAH MW=252		
Unknown PAH MW=266		
Unknown PAH MW=276		
Unknown PAH MW=278		
Vitamin E		
DATE SAMPLED:	11/17/97	11/20/97

NOTES:
X - indicates that this TIC was reported in the sample

Low Concentration PAHs (GC/MS/SIM)

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (SIM)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-02-01	SED-10-02	SED-11-01	SED-12-01	SED-12-03	SED-15-01
DAS SAMPLE NUMBER:		DAM326	DAM352	DAM336	DAM357	DAM358	DAM340
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	**QL**						
Naphthalene	1	13 UJ	30 UJ	32 J	24 J	120 J	15 UJ
2-Methylnaphthalene	1	12 J	10 U	16 J	13 J	25 J	10 J
Acenaphthylene	1	22 J	13 J	9 J	19 J	23 J	7 J
Acenaphthene	1	11 J	13	8 J	10 J	15 J	8 J
Fluorene	1	42 J	72 J	57 J	45 J	78 J	69 J
Dibenz(a,h)anthracene	2	69 J	42 J	97 J	320 J	150	34 J
DILUTION FACTOR:		1	10	1	1	1/20	1
SAMPLE WEIGHT (g):		88.2	187.5	150	187.5	120	272.7
PERCENT MOISTURE (%):		66	84	80	84	75	89
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/13/97	11/19/97	11/14/97	11/20/97	11/20/97	11/17/97
DATE EXTRACTED:		11/18/97	11/24/97	11/18/97	11/24/97	11/24/97	11/24/97
DATE ANALYZED:		12/27/97	12/29/97	12/29/97	12/30/97	12/30/97	12/28/97

NOTES:
QL - Quantitation Limits
J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DA... SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration PAHs (SIM)
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-19-01	SED-20-01	SED-22-02
DAS SAMPLE NUMBER:		DAM354	DAM339	DAM321
REMARKS:		-----	-----	-----
ANALYTE	**QL**			
Naphthalene	1	11 U	14 UJ	25 J
2-Methylnaphthalene	1	6 U	13 J	13 J
Acenaphthylene	1	1 J	6 J	12 J
Acenaphthene	1	3 J	6 J	11 J
Fluorene	1	14 J	36 J	26 J
Dibenz(a,h)anthracene	2	18 J	45 J	36 J
DILUTION FACTOR:		1/10	1	1
SAMPLE WEIGHT (g):		187.5	272.7	176.5
PERCENT MOISTURE (%):		84	89	83
LEVEL:		Low	Low	Low
DATE SAMPLED:		11/19/97	11/17/97	11/12/97
DATE EXTRACTED:		11/24/97	11/18/97	11/18/97
DATE ANALYZED:		12/30/97	12/28/97	12/27/97

NOTES:
QL - Quantitation Limits
J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

Organochlorine Pesticides

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Organochlorine Pesticides
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
DAS SAMPLE NUMBER:		DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
2,4'-DDT	0.33	0.31 U	0.31 U	0.32 UJ	0.33 U	3.2 U	3.9 U
4,4'-DDD	0.33	16 J	18 J	20 J	25 J	94	160
4,4'-DDE	0.33	24	28	26 J	30	29	91
4,4'-DDT	0.33	2.5 J	3.2 J	1.8 J	2.4 J	5.8 J	21 J
Aldrin	0.17	0.16 U	0.21 J	0.16 UJ	0.16 U	1.6 U	1.9 U
alpha-BHC	0.17	0.16 U	0.17 J	0.16 UJ	0.16 U	1.6 U	1.9 U
alpha-Chlordane	0.17	9.3 J	10 J	11 J	16	11 J	21
beta-BHC	0.17	0.16 U	0.16 U	0.16 UJ	0.16 U	1.6 U	1.9 U
delta-BHC	0.17	0.19 J	0.16 U	1.3 J	0.16 U	2.3 J	1.9 U
Dieldrin	0.33	0.50 J	0.61 J	0.45 J	0.47	3.2 U	3.9 U
Endosulfan I	0.17	0.16 U	0.16 U	0.16 UJ	0.17 U	1.6 U	1.9 U
Endosulfan II	0.33	0.41	0.66	0.21 J	0.28	3.2 U	3.9 U
Endosulfan Sulfate	0.33	0.67 J	0.78 J	0.47 J	0.33 U	3.2 U	3.9 U
Endrin	0.33	1.2 J	1.8 J	1.3 J	1.9	3.2 U	5.0 J
Endrin Aldehyde	0.33	3.4 J	3.2 J	1.6 J	1.9 J	3.2 U	11 J
Endrin Ketone	0.33	0.31 U	0.31 U	0.32 UJ	0.33 U	3.2 U	3.9 U
gamma-BHC	0.17	0.16 U	0.16 U	0.16 UJ	0.16 U	1.6 U	1.9 U
gamma-Chlordane	0.17	6.4 J	6.8 J	8.0 J	11 J	9.3 J	16 J
Heptachlor	0.17	0.16 U	0.16 U	0.16 UJ	0.16 U	1.6 U	1.9 U
Heptachlor Epoxide	0.17	0.16 U	0.16 U	0.16 UJ	0.16 U	1.6 U	1.9 U
Methoxychlor	1.7	1.6 U	1.6 U	1.6 UJ	1.6 U	16 U	19 U
Toxaphene	17.0	16 U	16 U	16 UJ	16 U	160 U	190 U
DILUTION FACTOR:		1/10	1/10	1/10	1/10	10/50	10/50
SAMPLE WEIGHT (kg):		0.053	0.053	0.042	0.032	0.049	0.035
PERCENT MOISTURE (%):		40	40	26	6.0	35	13
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/12/97	11/12/97	11/13/97	11/13/97	11/13/97	11/14/97
DATE EXTRACTED:		11/21/97	11/20/97	11/21/97	11/21/97	11/21/97	11/21/97
DATE ANALYZED:		12/18/97	12/18/97	12/18/97	12/18/97	12/14/97	12/14/97

NOTES:
QL - Quantitation Limits
J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Organochlorine Pesticides
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-04-03	SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05
DAS SAMPLE NUMBER:		DAM334	DAM328	DAM331	DAM345	DAM359	DAM360
REMARKS:		-----	FD of SED-05-05	FD of SED-05-03	-----	-----	-----
ANALYTE	QL						
2,4'-DDT	0.33	0.33 U	3.3 U	3.3 U	3.2 U	3.3 U	3.2 U
4,4'-DDD	0.33	37 J	180	180	79	47	39 J
4,4'-DDE	0.33	20 J	37	34	71	19 J	41
4,4'-DDT	0.33	4.4 J	9.7 J	8.8 J	15 J	21 J	18 J
Aldrin	0.17	0.30 J	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
alpha-BHC	0.17	0.16 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
alpha-Chlordane	0.17	29 J	9.1 J	17 J	80	49 J	64
beta-BHC	0.17	0.16 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
delta-BHC	0.17	1.3 J	3.0 J	4.3 J	25 J	1.6 U	24 J
Dieldrin	0.33	0.73 J	4.2 J	3.3 U	5.0 J	4.1 J	3.2 U
Endosulfan I	0.17	0.16 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
Endosulfan II	0.33	0.49	3.3 U	3.3 U	3.2 U	3.3 U	3.2 U
Endosulfan Sulfate	0.33	0.33 J	3.3 U	3.3 U	3.2 U	3.3 U	3.2 U
Endrin	0.33	3.2 J	3.3 U	3.3 U	17 J	8.6 J	17 J
Endrin Aldehyde	0.33	4.9 J	3.3 U	3.3 U	3.2 U	27 J	3.2 U
Endrin Ketone	0.33	0.33 U	3.3 U	3.3 U	3.2 U	3.3 U	3.2 U
gamma-BHC	0.17	0.16 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
gamma-Chlordane	0.17	22 J	7.3 J	16 J	48 J	41	38 J
Heptachlor	0.17	0.16 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
Heptachlor Epoxide	0.17	0.16 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
Methoxychlor	1.7	1.6 U	17 U	17 U	16 U	16 U	16 U
Toxaphene	17.0	16 U	170 U	170 U	160 U	160 U	160 U
DILUTION FACTOR:		1/10	10/50	10/50	10/50	10/50	10/50
SAMPLE WEIGHT (kg):		0.035	0.031	0.031	0.039	0.035	0.044
PERCENT MOISTURE (%):		12	3.0	3.0	21	13	28
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/14/97	11/13/97	11/13/97	11/18/97	11/20/97	11/20/97
DATE EXTRACTED:		11/21/97	11/21/97	11/21/97	11/24/97	11/24/97	11/24/97
DATE ANALYZED:		12/19/97	12/14/97	12/14/97	12/18/97	12/19/97	12/18/97

NOTES:
QL - Quantitation Limits
J - Quantitation is approximate due to limitations identified in the quality control review
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R - Value is rejected
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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Organochlorine Pesticides
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-07-10	SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01
DAS SAMPLE NUMBER:		DAM353	DAM351	DAM352	DAM355	DAM336	DAM357
REMARKS:		-----	FD of SED-10-04	-----	FD of SED-10-01	-----	-----
ANALYTE	QL						
2,4'-DDT	0.33	3.2 U	3.4 U	0.35 U	3.3 U	0.33 UJ	0.33 U
4,4'-DDD	0.33	36	98 J	17	260 J	45 J	17
4,4'-DDE	0.33	33	90 J	5.1	230 J	15 J	4.0
4,4'-DDT	0.33	14 J	3.4 U	0.35 U	5.3 J	1.9 J	1.3 J
Aldrin	0.17	1.6 U	11 J	0.17 U	25 J	0.16 UJ	0.17 U
alpha-BHC	0.17	1.6 U	1.7 U	0.17 U	1.7 U	0.16 UJ	0.17 U
alpha-Chlordane	0.17	80	18 J	1.5 J	41 J	8.1 J	2.4 J
beta-BHC	0.17	1.6 U	1.7 U	0.17 U	1.7 U	0.16 UJ	0.17 U
delta-BHC	0.17	1.6 U	1.7 U	0.17 U	1.7 U	0.16 UJ	0.17 U
Dieldrin	0.33	3.2 U	13	0.35 U	15 J	1.4 J	0.78 J
Endosulfan I	0.17	1.6 U	1.7 U	0.17 U	1.7 U	0.44 J	0.17 U
Endosulfan II	0.33	3.2 U	3.4 U	0.35 U	3.3 U	0.51 J	0.33 U
Endosulfan Sulfate	0.33	3.2 U	3.4 U	0.35 U	3.3 U	0.72 J	0.33 U
Endrin	0.33	16 J	4.7 J	0.61 J	6.9	0.69 J	1.4 J
Endrin Aldehyde	0.33	3.2 U	6.4 J	1.7 J	17 J	1.7 J	1.8 J
Endrin Ketone	0.33	3.2 U	3.4 U	0.35 U	3.3 U	0.33 UJ	0.33 U
gamma-BHC	0.17	1.6 U	1.7 U	0.17 U	1.7 U	0.16 UJ	0.23 J
gamma-Chlordane	0.17	45 J	16 J	0.25 J	25 J	5.6 J	1.7 J
Heptachlor	0.17	1.6 U	1.7 U	0.17 U	1.7 U	0.16 UJ	0.17 U
Heptachlor Epoxide	0.17	1.6 U	1.7 U	0.54 J	2.3 J	0.16 UJ	0.46 J
Methoxychlor	1.7	16 U	17 U	1.7 U	17 U	1.6 UJ	1.7 U
Toxaphene	17.0	160 U	170 U	17 U	170 U	16 UJ	17 U
DILUTION FACTOR:		10/50	10/50	1/10	10/100	1/10	1/10
SAMPLE WEIGHT (kg):		0.044	0.043	0.037	0.038	0.036	0.045
PERCENT MOISTURE (%):		29	27	16	18	14	30
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/19/97	11/19/97	11/19/97	11/19/97	11/14/97	11/19/97
DATE EXTRACTED:		11/24/97	11/24/97	11/24/97	11/24/97	11/21/97	11/24/97
DATE ANALYZED:		12/19/97	12/19/97	12/20/97	12/19/97	12/19/97	12/20/97

NOTES:
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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Organochlorine Pesticides
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-12-03	SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03
DAS SAMPLE NUMBER:		DAM358	DAM341	DAM342	DAM340	DAM347	DAM348
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
2,4'-DDT	0.33	0.32 U	0.31 UJ	3.3 U	0.33 UJ	0.33 U	0.34 U
4,4'-DDD	0.33	1.9	18 J	310	6.9 J	23 J	4.9 J
4,4'-DDE	0.33	0.90 J	17 J	130	3.8 J	28	30
4,4'-DDT	0.33	1.1 J	4.0 J	12 J	1.8 J	1.2 J	1.7 J
Aldrin	0.17	0.16 U	0.16 UJ	1.6 U	0.17 UJ	0.16 U	0.17 U
alpha-BHC	0.17	0.16 U	0.16 UJ	1.6 U	0.17 UJ	0.16 U	0.17 U
alpha-Chlordane	0.17	1.1 J	17 J	93	6.0 J	7.7 J	17 J
beta-BHC	0.17	0.16 U	0.16 UJ	1.6 U	0.17 UJ	0.16 U	0.17 U
delta-BHC	0.17	0.16 U	0.16 UJ	15 J	0.17 UJ	0.16 U	0.17 U
Dieldrin	0.33	0.32 U	1.4 J	11 J	0.57 J	0.33 J	0.94 J
Endosulfan I	0.17	0.16 U	0.16 UJ	1.6 U	0.45 J	0.16 U	0.17 U
Endosulfan II	0.33	0.32 U	0.39 J	3.3 U	0.33 UJ	0.33 U	0.34 U
Endosulfan Sulfate	0.33	0.32 U	0.38 J	3.3 U	0.33 UJ	0.33 U	0.41 J
Endrin	0.33	0.77 J	9.6 J	3.3 U	0.48 J	1.3 J	1.1 J
Endrin Aldehyde	0.33	0.87 J	2.2 J	7.5 J	2.0 J	2.4 J	3.6 J
Endrin Ketone	0.33	0.32 U	0.31 UJ	3.3 U	0.33 UJ	0.33 U	0.34 U
gamma-BHC	0.17	0.34 J	0.16 UJ	1.6 U	0.17 UJ	0.16 U	0.17 U
gamma-Chlordane	0.17	0.73 J	16 J	650 J	0.98 J	1.9 J	26 J
Heptachlor	0.17	0.16 U	0.16 UJ	1.6 U	0.17 UJ	0.16 U	0.17 U
Heptachlor Epoxide	0.17	0.27 J	0.40 J	1.6 U	0.17 J	0.16 U	0.17 U
Methoxychlor	1.7	1.6 U	1.6 UJ	16 U	1.7 UJ	1.6 U	1.7 U
Toxaphene	17.0	16 U	16 UJ	160 U	17 UJ	16 U	17 U
DILUTION FACTOR:		1	1/10	10/100	1/10	1/10	1/10
SAMPLE WEIGHT (kg):		0.036	0.05	0.034	0.058	0.032	0.053
PERCENT MOISTURE (%):		15	42	9.0	44	6.0	40
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/20/97	11/17/97	11/17/97	11/17/97	11/18/97	11/18/97
DATE EXTRACTED:		11/24/97	11/24/97	11/24/97	11/24/97	11/24/97	11/24/97
DATE ANALYZED:		12/20/97	12/19/97	12/18/97	12/19/97	12/20/97	12/20/97

NOTES:
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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Organochlorine Pesticides
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-19-01	SED-20-01	SED-21-01	SED-22-02	SED-24-03	SED-25-02
DAS SAMPLE NUMBER:		DAM354	DAM339	DAM335	DAM321	DAM320	DAM346
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
2,4'-DDT	0.33	0.33 U	R	3.6 U	0.31 U	3.2 U	0.32 U
4,4'-DDD	0.33	9.0	8.4 J	35 J	9.6 J	390	11 J
4,4'-DDE	0.33	3.2	4.4	22	31	37	4.4 J
4,4'-DDT	0.33	0.33 U	4.6 J	4.4 J	2.7 J	24 J	2.1 J
Aldrin	0.17	0.16 U	R	1.6 U	0.15 U	1.6 U	0.16 U
alpha-BHC	0.17	0.16 U	0.16 U	1.6 U	0.15 U	1.6 U	0.16 U
alpha-Chlordane	0.17	0.98 J	12 J	29	1.2 J	2.0 J	1.3 J
beta-BHC	0.17	0.16 U	0.16 U	1.6 U	0.15 U	1.6 U	0.16 U
delta-BHC	0.17	0.16 U	0.16 U	1.8 J	0.16 J	1.6 U	0.16 U
Dieldrin	0.33	2.5 J	0.70 J	3.2 U	0.38 J	3.2 U	0.32 U
Endosulfan I	0.17	0.44 J	0.16 U	1.6 U	0.18 J	1.6 U	0.16 U
Endosulfan II	0.33	0.33 U	0.31 U	5.2	0.48 J	3.2 U	0.33 J
Endosulfan Sulfate	0.33	0.33 U	0.31 U	3.2 U	0.31 U	3.2 U	0.32 U
Endrin	0.33	0.92 J	0.97 J	3.6 J	0.31 U	3.2 U	0.98 J
Endrin Aldehyde	0.33	0.33 U	1.3 J	9.0 J	3.3 J	5.9 J	4.4 J
Endrin Ketone	0.33	0.33 U	0.31 U	3.2 U	0.31 U	3.2 U	0.32 U
gamma-BHC	0.17	0.16 U	0.16 U	1.6 U	0.15 U	1.6 U	0.16 U
gamma-Chlordane	0.17	0.59 J	6.8 J	19 J	0.19 J	4.2	1.3 J
Heptachlor	0.17	0.16 U	R	1.6 U	0.15 U	1.6 U	0.16 U
Heptachlor Epoxide	0.17	0.16 U	0.49 J	1.6 U	0.29 J	1.6 U	0.36 J
Methoxychlor	1.7	1.6 U	1.6 U	16 U	1.5 U	16 U	1.6 U
Toxaphene	17.0	16 U	16 U	160 U	15 U	160 U	16 U
DILUTION FACTOR:		1/10	1/10	1/10	1/10	10/100	1/10
SAMPLE WEIGHT (kg):		0.05	0.056	0.047	0.060	0.041	0.040
PERCENT MOISTURE (%):		38	43	32	46	24	22
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/19/97	11/17/97	11/14/97	11/12/97	11/12/97	11/18/97
DATE EXTRACTED:		11/24/97	11/21/97	11/21/97	11/21/97	11/21/97	11/24/97
DATE ANALYZED:		12/19/97	12/18/97	12/18/97	11/18/97	12/13/97	12/19/97

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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Organochlorine Pesticides
Aqueous Matrix
(ug/l)

M&E SAMPLE ID:		SED-17-EB	SED-20-EB
DAS SAMPLE NUMBER:		DAM344	DAM362
REMARKS:		Equip. Blank	Equip. Blank
ANALYTE	QL		
2,4'-DDT	0.10	0.10 U	0.10 U
4,4'-DDD	0.10	0.10 U	0.10 U
4,4'-DDE	0.10	0.10 U	0.10 U
4,4'-DDT	0.10	0.10 U	0.10 U
Aldrin	0.050	0.050 U	0.050 U
alpha-BHC	0.050	0.050 U	0.050 U
alpha-Chlordane	0.050	0.050 U	0.050 U
beta-BHC	0.050	0.050 U	0.050 U
delta-BHC	0.050	0.050 U	0.050 U
Dieldrin	0.10	0.10 U	0.10 U
Endosulfan I	0.050	0.050 U	0.050 U
Endosulfan II	0.10	0.10 U	0.10 U
Endosulfan Sulfate	0.10	0.10 U	0.10 U
Endrin	0.10	0.10 U	0.10 U
Endrin Aldehyde	0.10	0.10 U	0.10 U
Endrin Ketone	0.10	0.10 U	0.10 U
gamma-BHC	0.050	0.050 U	0.050 U
gamma-Chlordane	0.050	0.050 U	0.050 U
Heptachlor	0.050	0.050 U	0.050 U
Heptachlor Epoxide	0.050	0.050 U	0.050 U
Methoxychlor	0.50	0.50 U	0.50 U
Toxaphene	5.0	5.0 U	5.0 U
DILUTION FACTOR:		1	1
LEVEL:		Low	Low
DATE SAMPLED:		11/17/97	11/20/97
DATE EXTRACTED:		11/24/97	11/24/97
DATE ANALYZED:		12/12/97	12/19/97

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PCBs

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
PCBs
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
DAS SAMPLE NUMBER:		DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
Aroclor-1016	3.3	3.1 U	3.1 U	3.2 U	3.3 U	3.2 U	2.6 U
Aroclor-1221	6.7	6.2 U	6.3 U	6.4 U	6.6 U	6.3 U	5.2 U
Aroclor-1232	3.3	3.1 U	3.1 U	3.2 U	3.3 U	3.2 U	2.6 U
Aroclor-1242	3.3	3.1 U	3.1 U	3.2 U	3.3 U	3.2 U	2.6 U
Aroclor-1248	3.3	46 J	70 J	160 J	180 J	160 J	200 J
Aroclor-1254	3.3	3.1 U	3.1 U	3.2 U	3.3 U	3.2 U	2.6 U
Aroclor-1260	3.3	47	69 J	140	170	110	94
DILUTION FACTOR:		1/3	1/5	1/8	1/8	1/8	1/8
SAMPLE WEIGHT (kg):		0.053	0.053	0.042	0.032	0.049	0.035
PERCENT MOISTURE (%):		40	40	26	6.0	35	13
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/12/97	11/12/97	11/13/97	11/13/97	11/13/97	11/14/97
DATE EXTRACTED:		11/21/97	11/21/97	11/21/97	11/21/97	11/21/97	11/21/97
DATE ANALYZED:		12/11/97	12/11/97	12/12/97	12/13/97	12/11/97	12/13/97

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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
PCBs
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-04-03	SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05
DAS SAMPLE NUMBER:		DAM334	DAM328	DAM331	DAM345	DAM359	DAM360
REMARKS:		-----	FD of SED-05-05	FD of SED-05-03	-----	-----	-----
ANALYTE	QL						
Aroclor-1016	3.3	3.3 U	3.3 U	3.4 U	3.2 U	3.3 U	3.2 U
Aroclor-1221	6.7	6.5 U	6.6 U	6.8 U	6.4 U	6.7 U	6.4 U
Aroclor-1232	3.3	3.3 U	3.3 U	3.4 U	3.2 U	3.3 U	3.2 U
Aroclor-1242	3.3	3.3 U	3.3 U	3.4 U	3.2 U	3.3 U	3.2 U
Aroclor-1248	3.3	44 J	120 J	120 J	120 J	37 J	29 J
Aroclor-1254	3.3	3.3 U	3.3 U	3.4 U	3.2 U	3.3 U	3.2 U
Aroclor-1260	3.3	160	77	72	82	95	74
DILUTION FACTOR:		1/10	1/4	1/4	1/2	1/6	1/5
SAMPLE WEIGHT (kg):		0.035	0.031	0.031	0.039	0.035	0.044
PERCENT MOISTURE (%):		12	3.0	3.0	21	13	28
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/14/97	11/13/97	11/13/97	11/18/97	11/20/97	11/20/97
DATE EXTRACTED:		11/21/97	11/21/97	11/21/97	11/24/97	11/24/97	11/24/97
DATE ANALYZED:		12/13/97	12/12/97	12/12/97	12/17/97	12/18/97	12/16/97

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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
PCBs
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-07-10	SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01
DAS SAMPLE NUMBER:		DAM353	DAM351	DAM352	DAM355	DAM336	DAM357
REMARKS:		-----	FD of SED-10-04	-----	FD of SED-10-01	-----	-----
ANALYTE	QL						
Aroclor-1016	3.3	3.2 U	3.4 U	3.5 U	3.3 U	3.3 U	3.3 U
Aroclor-1221	6.7	6.4 U	6.8 U	6.9 U	6.6 U	6.5 U	6.7 U
Aroclor-1232	3.3	3.2 U	3.4 U	3.5 U	3.3 U	3.3 U	3.3 U
Aroclor-1242	3.3	3.2 U	3.4 U	3.5 U	3.3 U	3.3 U	3.3 U
Aroclor-1248	3.3	67 J	300 J	47 J	820 J	180 J	28 J
Aroclor-1254	3.3	3.2 U	3.4 U	3.5 U	3.3 U	3.3 U	3.3 U
Aroclor-1260	3.3	50	190 J	44	450 J	230	58
DILUTION FACTOR:		1/3	1/7	1/5	1/20	1/8	1/5
SAMPLE WEIGHT (kg):		0.044	0.043	0.037	0.038	0.036	0.045
PERCENT MOISTURE (%):		29	27	16	18	14	30
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/19/97	11/19/97	11/19/97	11/19/97	11/14/97	11/19/97
DATE EXTRACTED:		11/24/97	11/24/97	11/24/97	11/24/97	11/21/97	11/24/97
DATE ANALYZED:		12/16/97	12/17/97	12/17/97	12/17/97	12/19/97	12/17/97

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SITE: Wells G&H (Operable Unit 3)
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DATA SUMMARY TABLES
Delivery of Analytical Services for
PCBs
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-12-03	SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03
DAS SAMPLE NUMBER:		DAM358	DAM341	DAM342	DAM340	DAM347	DAM348
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
Aroclor-1016	3.3	3.2 U	3.1 U	3.3 U	3.3 U	3.3 U	3.4 U
Aroclor-1221	6.7	6.5 U	6.3 U	6.6 U	6.6 U	6.6 U	6.8 U
Aroclor-1232	3.3	3.2 U	3.1 U	3.3 U	3.3 U	3 3 U	3.4 U
Aroclor-1242	3.3	3.2 U	3.1 U	3.3 U	3.3 U	3.3 U	3.4 U
Aroclor-1248	3.3	15 J	25 J	170 J	43 J	60 J	170 J
Aroclor-1254	3.3	3.2 U	3.1 U	3.3 U	3.3 U	3.3 U	3.4 U
Aroclor-1260	3.3	18	79	250	83	90	190
DILUTION FACTOR:		1	1/3	1/5	1/5	1/3	1/5
SAMPLE WEIGHT (kg):		0.036	0.055	0.034	0.058	0.032	0.053
PERCENT MOISTURE (%):		15	42	9.0	44	6.0	40
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/20/97	11/17/97	11/17/97	11/17/97	11/18/97	11/18/97
DATE EXTRACTED:		11/24/97	11/24/97	11/24/97	11/24/97	11/24/97	11/24/97
DATE ANALYZED:		12/16/97	12/16/97	12/16/97	12/17/97	12/16/97	12/17/97

NOTES:
QL - Quantitation Limits
J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
PCBs
Sediment Matrix
(ug/kg)

M&E SAMPLE ID:		SED-19-01	SED-20-01	SED-21-01	SED-22-02	SED-24-03	SED-25-02
DAS SAMPLE NUMBER:		DAM354	DAM339	DAM335	DAM321	DAM320	DAM346
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	QL						
Aroclor-1016	3.3	3.3 U	3.1 U	3.2 U	3.1 U	3.2 U	3.2 U
Aroclor-1221	6.7	6.6 U	6.2 U	6.3 U	6.2 U	6.4 U	6.4 U
Aroclor-1232	3.3	3.3 U	3.1 U	3.2 U	3.1 U	3.2 U	3.2 U
Aroclor-1242	3.3	3.3 U	3.1 U	3.2 U	3.1 U	3.2 U	3.2 U
Aroclor-1248	3.3	35 J	28 J	240 J	8.1 J	290 J	56 J
Aroclor-1254	3.3	3.3 U	3.1 U	3.2 U	3.1 U	3.2 U	3.2 U
Aroclor-1260	3.3	11	79	420	29	200	47
DILUTION FACTOR:		1	1/6	1/2	1/10	1/7	1/3
SAMPLE WEIGHT (kg):		0.05	0.056	0.047	0.060	0.041	0.040
PERCENT MOISTURE (%):		38	43	32	46	24	22
LEVEL:		Low	Low	Low	Low	Low	Low
DATE SAMPLED:		11/19/97	11/17/97	11/14/97	11/12/97	11/12/97	11/18/97
DATE EXTRACTED:		11/24/97	11/21/97	11/21/97	11/21/97	11/21/97	11/24/97
DATE ANALYZED:		12/18/97	12/13/97	12/13/97	12/15/97	12/18/97	12/16/97

NOTES:
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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
PCBs
Aqeuous Matrix
(ug/l)

M&E SAMPLE ID:		SED-17-EB	SED-20-EB
DAS SAMPLE NUMBER:		DAM344	DAM362
REMARKS:		Equip. Blank	Equip. Blank
ANALYTE	QL		
Aroclor-1016	1.0	1.0 U	1.0 U
Aroclor-1221	2.0	2.0 U	2.0 U
Aroclor-1232	1.0	1.0 U	1.0 U
Aroclor-1242	1.0	1.0 U	1.0 U
Aroclor-1248	1.0	1.0 U	1.0 U
Aroclor-1254	1.0	1.0 U	1.0 U
Aroclor-1260	1.0	1.0 U	1.0 U
DILUTION FACTOR:		1	1
LEVEL:		Low	Low
DATE SAMPLED:		11/17/97	11/20/97
DATE EXTRACTED:		11/24/97	11/21/97
DATE ANALYZED:		12/13/97	12/18/97

NOTES:
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Low Concentration Metals

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration Metals (Totals)
Sediment Matrix
(mg/kg)

M&E SAMPLE ID:			SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
DAS SAMPLE NUMBER:			DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:			-----	-----	-----	-----	-----	-----
ANALYTE	METHOD	CRQL						
Silver	F	0.020	0.75 J	0.66 J	0.40 J	0.91 J	0.69 J	0.59 J
Aluminum	P	4.0	12200 J	13200 J	6570 J	11200 J	6720 J	17700 J
Arsenic	P,F	0.20	78.1	111	56.4	105	86.5	1570
Barium	P	2.0	85.8	95.1	50.6	81.2	84.6	77.3
Beryllium	P,F	0.040	0.87 J	0.98 J	0.47 J	0.91 J	0.59 J	1.7 J
Calcium	P	8.0	5420	7510	2610	4600	4410	5900
Cadmium	P,F	0.010	6.8	8.5	3.8	16.1	5.2	19.1
Cobalt	P	2.0	27.9 J	33.1 J	17.0 J	33.0 J	21.4 J	42.7 J
Chromium	P	1.0	148 J	192 J	103 J	190 J	200 J	3000 J
Copper	P	1.0	305	436	128	381	171	1080
Iron	P	4.0	31800 J	32500 J	16900 J	26000 J	21900 J	86200 J
Mercury	AV	0.010	1.0	1.1	0.37	1.1	0.71	13.6
Potassium	P	80	1190 J	1170 J	640 J	784 J	604 J	476 J
Magnesium	P	10	3480	3430	2150	2510	1790	1400
Manganese	P	1.0	479	595	206	390	503	803
Sodium	P	50	583	611	197	382	321	330
Nickel	P	2.0	40.4 J	41.3 J	21.5 J	31.0 J	26.7 J	41.2 J
Lead	P,F	0.40	413 J	477 J	225 J	449 J	345 J	425 J
Antimony	P,F	0.30	1.7 J	1.8 J	1.9 J	2.1 J	1.7 J	11.1 J
Selenium	F	1.0	5.1 J	1.4 J	1.6 J	2.0 J	4.2 J	1.8 J
Thallium	F	0.40	0.63 UJ	0.43 UJ	0.53 UJ	0.48 UJ	0.43 UJ	0.44 UJ
Vanadium	P	1.0	56.4	55.3	32.2	46.1	49.2	63.8
Zinc	P	2.0	2080 J	2370 J	992 J	5170 J	1420 J	4330 J
DATE SAMPLED:			11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97

NOTES:
CRQL - Contract Required Quantiation Limit
J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
AV - Auto Cold Vapor Extraction
P - ICP/AE
F - Furnace
FD - Field Duplicate

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration Metals (Totals)
Sediment Matrix
(mg/kg)

M&E SAMPLE ID:			SED-04-03	SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05
DAS SAMPLE NUMBER:			DAM334	DAM328	DAM331	DAM345	DAM359	DAM360
REMARKS:			-----	FD of SED-05-05	FD of SED-05-03	-----	-----	-----
ANALYTE	METHOD	CRQL						
Silver	F	0.020	0.91 J	0.18 J	0.73 J	0.18 J	0.86 J	0.91 J
Aluminum	P	4.0	11500 J	4860 J	4300 J	14300	13200	14700
Arsenic	P,F	0.20	98.6	9.8	9.9	135	111	98.3
Barium	P	2.0	175	40.8	37.8	130	110	118
Beryllium	P,F	0.040	0.86 J	0.32 J	0.27 J	1.0	0.95	1.0
Calcium	P	8.0	6310	1590	1090	5510	5310	6630
Cadmium	P,F	0.010	7.4	0.76	0.48	7.7	6.3	5.8
Cobalt	P	2.0	21.6 J	5.6 J	4.4 J	20.9	19.2	21.5
Chromium	P	1.0	240 J	90.0 J	46.9 J	403	291	277
Copper	P	1.0	323	45.9	40.4	389	306	304
Iron	P	4.0	31600 J	9520 J	8600 J	40600	33800	35400
Mercury	AV	0.010	1.7	0.23	0.22	2.6	2.3	2.0
Potassium	P	80	1120 J	681 J	390 J	1380	1310	1620
Magnesium	P	10	3470	2100	1590	4260	4180	5330
Manganese	P	1.0	1010	103	91.9	1630	517	495
Sodium	P	50	347	103	85.3	617 U	416 U	519 U
Nickel	P	2.0	33.6 J	11.2 J	10.8 J	32.2	35.2	37.5
Lead	P,F	0.40	487 J	1090 J	220 J	455	382	406
Antimony	P,F	0.30	1.8 J	2.4 J	0.68 UJ	2.5 J	2.6 J	2.8 J
Selenium	F	1.0	2.0 J	0.53 U	0.53 U	3.4 J	2.2 J	2.2 J
Thallium	F	0.40	0.43 UJ	0.04 UJ	0.04 UJ	0.77 U	0.81 U	0.44 U
Vanadium	P	1.0	55.7	26.3	20.8	60.2	56.7	62.6
Zinc	P	2.0	1590 J	144 J	126 J	1630	1500	1450
DATE SAMPLED:			11/12/97	11/12/97	11/13/97	11/18/97	11/20/97	11/20/97

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AV - Auto Cold Vapor Extraction
P - ICP/AE
F - Furnace
FD - Field Duplicate

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration Metals (Totals)
Sediment Matrix
(mg/kg)

M&E SAMPLE ID:			SED-07-10	SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01
DAS SAMPLE NUMBER:			DAM353	DAM351	DAM352	DAM355	DAM336	DAM357
REMARKS:			-----	FD of SED-10-04	-----	FD of SED-10-01	-----	-----
ANALYTE	METHOD	CRQL						
Silver	F	0.020	0.78 J	0.62 J	0.57 J	0.17 J	0.92 J	0.54 J
Aluminum	P	4.0	12500	30100	24400	28400	12600 J	26000
Arsenic	P,F	0.20	87.4	715	875	670	121	3230
Barium	P	2.0	89.8	99.2	53.4	126	149	78.8
Beryllium	P,F	0.040	0.86	2.0	1.7	2.1	0.97 J	2.0
Calcium	P	8.0	5840	9570	8590	9970	5800	8920
Cadmium	P,F	0.010	4.5	17.5	12.4	19.9	9.5	11.7
Cobalt	P	2.0	18.2	34.5	16.5	46.1	25.3 J	36.2
Chromium	P	1.0	238	3290	934	3580	303 J	2120
Copper	P	1.0	261	2590	1870	2040	402	2080
Iron	P	4.0	29100	45500	31900	57800	31700 J	90200
Mercury	AV	0.010	1.6	24.4	24.2	15.4	1.9	27.5
Potassium	P	80	1320	597	345 U	877	956 J	795
Magnesium	P	10	4420	2130	1500	2410	2980	1860
Manganese	P	1.0	397	570	409	760	728	776
Sodium	P	50	483 U	726 U	642 U	815	421	708 U
Nickel	P	2.0	31.5	41.4	18.4	50.1	32.8 J	28.3
Lead	P,F	0.40	326	975	559	787	606 J	1240
Antimony	P,F	0.30	2.4 J	17.7 J	13.9 J	10.2 J	1.5 UJ	68.0 J
Selenium	F	1.0	2.4 J	10.3	11.5	8.3 J	2.5 J	18.3
Thallium	F	0.40	0.76 U	1.7 U	1.3 U	2.6 U	0.44 UJ	1.2 U
Vanadium	P	1.0	54.6	75.5	47.8	78.4	58.8	107
Zinc	P	2.0	1190	3340	1570	4700	2260 J	2640
DATE SAMPLED:			11/19/97	11/19/97	11/19/97	11/19/97	11/12/97	11/20/97

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P - ICP/AE
F - Furnace
FD - Field Duplicate

SITE: Wells OuH (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration Metals (Totals)
Sediment Matrix
(mg/kg)

M&E SAMPLE ID:			SED-12-03	SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03
DAS SAMPLE NUMBER:			DAM358	DAM341	DAM342	DAM340	DAM347	DAM348
REMARKS:			-----	-----	-----	-----	-----	-----
ANALYTE	METHOD	CRQL						
Silver	F	0.020	1.2 J	0.21 J	0.32 J	0.29 J	0.74 J	0.62 J
Aluminum	P	4.0	27500	6430 J	14800 J	6100 J	20300	24100
Arsenic	P,F	0.20	4550	15.9	186	184	1180	839
Barium	P	2.0	52.5	63.8	107	65.6	143	169
Beryllium	P,F	0.040	1.7	0.45 J	1.1 J	0.76 J	1.8	2.3
Calcium	P	8.0	7160	3020	6950	13400	7300	6860
Cadmium	P,F	0.010	11.4	3.1	3.8	17.7	15.1	16.0
Cobalt	P	2.0	38.1	7.2 J	9.7 J	23.1 J	44.3	54.9
Chromium	P	1.0	726	61.2 J	562 J	537 J	3890	4340
Copper	P	1.0	1980	113	450	306	1010	1310
Iron	P	4.0	107000	12800 J	20200 J	16000 J	99600	85100
Mercury	AV	0.010	44.8	0.25 J	14.3 J	1.3 J	7.5	5.5
Potassium	P	80	450 U	715 J	741 J	243 J	894	1050
Magnesium	P	10	1480	1930	2370	1300	2780	2930
Manganese	P	1.0	586	123	330	956	1630	1580
Sodium	P	50	493 U	622	798	642	648 U	551 U
Nickel	P	2.0	20.5	15.9 J	19.4 J	18.9 J	42.5	46.7
Lead	P,F	0.40	1220	340 J	771 J	157 J	469	678
Antimony	P,F	0.30	117 J	1.7 J	4.2 J	3.9 J	8.9 J	9.2 J
Selenium	F	1.0	30.3	0.53 J	3.1 J	1.2 UJ	8.0 J	9.0 J
Thallium	F	0.40	1.5 U	0.43 UJ	0.43 UJ	2.4 J	1.0 U	1.9 U
Vanadium	P	1.0	127	27.4	54.0	22.4	76.0	95.9
Zinc	P	2.0	4760	445 J	641 J	2490 J	4020	3600
DATE SAMPLED:			11/20/97	11/17/97	11/17/97	11/17/97	11/18/97	11/18/97

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SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration Metals (Totals)
Sediment Matrix
(mg/kg)

M&E SAMPLE ID:			SED-19-01	SED-20-01	SED-21-01	SED-22-02	SED-24-03	SED-25-02
DAS SAMPLE NUMBER:			DAM354	DAM339	DAM335	DAM321	DAM320	DAM346
REMARKS:			-----	-----	-----	-----	-----	-----
ANALYTE	METHOD	CRQL						
Silver	F	0.020	0.12 UJ	0.29 J	0.30 J	0.22 J	2.5 J	0.20 J
Aluminum	P	4.0	10100	13500 J	11300 J	2700 J	8440 J	7190
Arsenic	P,F	0.20	182	236	258	6.6	30.7	5.4
Barium	P	2.0	66.5	44.2	181	32.9	43.6	48.5
Beryllium	P,F	0.040	2.9	1.2 J	0.93 J	0.48 J	0.80 J	0.37
Calcium	P	8.0	11800	11100	8290	19600	2410	2150
Cadmium	P,F	0.010	7.4	15.3	14.1	0.61	2.0	0.78 J
Cobalt	P	2.0	18.7	28.3 J	26.9 J	2.7 J	12.1 J	8.1
Chromium	P	1.0	226	1090 J	5590 J	11.7 J	410 J	26.1
Copper	P	1.0	557	1060	613	26.0	130	52.7
Iron	P	4.0	19800	18500 J	20800 J	2710 J	13200 J	14700
Mercury	AV	0.010	0.98	1.3 J	0.15	0.50	0.71	0.10
Potassium	P	80	342 U	454 J	531 J	260 J	1170 J	1210
Magnesium	P	10	1300	1530	2170	1370	2880	3490
Manganese	P	1.0	677	711	268	36.7	131	190
Sodium	P	50	706 U	612	796	546	516	187 U
Nickel	P	2.0	14.6	27.5 J	29.8 J	9.2 J	23.7 J	14.6
Lead	P,F	0.40	197	450 J	546 J	3970 J	566 J	210
Antimony	P,F	0.30	5.2 J	3.8 J	2.0 J	8.0 J	1.2 J	0.64 J
Selenium	F	1.0	5.6	3.3 J	3.2 J	8.1 J	0.91 J	0.48 UJ
Thallium	F	0.40	1.5 U	0.44 UJ	0.44 UJ	0.44 UJ	0.12 UJ	0.14 U
Vanadium	P	1.0	25.4	38.2	46.2	38.8	80.3	29.7 J
Zinc	P	2.0	1080	2380 J	4940 J	34.2 J	251 J	178
DATE SAMPLED:			11/19/97	11/12/97	11/12/97	11/12/97	11/12/97	11/18/97

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P - ICP/AE
F - Furnace
FD - Field Duplicate

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Low Concentration Metals (Totals)
Aqueous Matrix
(ug/L)

M&E SAMPLE ID:			SED-17-EB	SED-20-EB
DAS SAMPLE NUMBER:			DAM344	DAM362
REMARKS:			Equip. Blank	Equip. blank
ANALYTE	METHOD	CRQL		
Silver	F	0.4	0.74 U	0.58 UJ
Aluminum	P	40	38.2 UJ	53.4
Arsenic	P,F	4	1.4 U	1.4 U
Barium	P	20	0.64	0.53
Beryllium	P,F	0.8	0.10 U	0.10 U
Calcium	P	80	113 U	89.5 U
Cadmium	P,F	0.2	0.10 U	0.10 U
Cobalt	P	20	4.1 UJ	4.1 U
Chromium	P	10	2.5 UJ	0.60 U
Copper	P	10	7.9 U	1.2 U
Iron	P	40	56.7 UJ	36.9
Mercury	AV	0.1	0.10 U	0.10 UJ
Potassium	P	800	91.8 U	79.7 U
Magnesium	P	100	38.1 U	52.9
Manganese	P	10	1.5 U	0.56 U
Sodium	P	500	207 U	122 U
Nickel	P	20	1.6 UJ	1.6 U
Lead	P,F	8	0.60 UJ	0.60 U
Antimony	P,F	6	1.7 UJ	1.6 J
Selenium	F	20	1.1 UJ	1.5 J
Thallium	F	8	0.80 U	0.90 U
Vanadium	P	10	0.80 U	1.4 U
Zinc	P	20	7.8 UJ	3.0
DATE SAMPLED:			11/17/97	11/20/97

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AV - Auto Cold Vapor Extraction
P - ICP/AE
F - Furnace
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AVS/SEM

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Acid Volatile Sulfide and Selected Simultaneously Extracted Metals (AVS/SEM)
Sediment and Aqueous Matrices
(umoles/g)

M&E SAMPLE ID:			SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02	SED-04-03
DAS SAMPLE NUMBER:			DAM322	DAM323	DAM326	DAM327	DAM325	DAM333	DAM334
REMARKS:			-----	-----	-----	-----	-----	-----	-----
ANALYTE	METHOD	CRDL							
Sulfide	--	0.05	72.0	79.9	34.7	129	88.0	23.5	18.7
Arsenic	P	0.05	0.06 J	0.11 J	0.05 U	0.05 J	0.05 U	0.09 J	0.08 J
Cadmium	P	0.05	0.08 UJ	0.09 J	0.05 U	0.15 J	0.08 UJ	0.08 UJ	0.06 UJ
Copper	P	0.05	0.05 UJ	0.08 J	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Lead	P	0.05	1.87 J	2.13 J	0.83 J	1.88 J	1.69 J	1.96 J	1.60 J
Mercury	CV	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	P	0.05	0.86 J	0.23 J	0.14 J	0.49 J	0.98 J	0.24 J	0.34 J
Zinc	P	0.05	26.5 J	29.3 J	11.2 J	36.7 J	25.0 J	21.0 J	15.1 J
SEM/AVS Ratio *			0.41	0.40	0.35	0.30	0.32	0.99	0.91
DATE SAMPLED:			11/12/97	11/12/97	11/13/97	11/13/97	11/13/97	11/14/97	11/14/97
PERCENT MOISTURE (%)			84.9	83.8	65.4	79.6	82.6	83.1	81.1

NOTES:
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NC - Not Calcluated
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UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
CV - Cold Vapor Extraction
P - ICP/Flame AE
FD - Field Duplicate

* SEM/AVS Ratio = sum of cadmium, copper, lead, mercury, nickel, and zinc detected concentrations divided by the sulfide concentration

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES

Delivery of Analytical Services for
Acid Volatile Sulfide and Selected Simultaneously Extracted Metals (AVS/SEM)
Sediment and Aqueous Matrices
(umoles/g)

M&E SAMPLE ID:			SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05	SED-07-10	SED-10-01
DAS SAMPLE NUMBER:			DAM328	DAM331	DAM345	DAM359	DAM360	DAM353	DAM351
REMARKS:			FD of SED-05-05	FD of SED-05-03	-----	-----	-----	-----	FD of SED-10-04
ANALYTE	METHOD	CRDL							
Sulfide	--	0.05	24.7	15.3	5.44	20.4	49.6	5.22	64.3
Arsenic	P	0.05	0.05 U	0.05 U	0.17 J	0.19 J	0.10 J	0.17 J	1.56 J
Cadmium	P	0.05	0.05 U	0.05 U	0.06	0.05 U	0.05	0.07	0.11
Copper	P	0.05	0.46 J	0.05 UJ	0.08	0.19	0.05 U	0.05 U	0.10
Lead	P	0.05	1.17 J	0.78 J	1.54	1.46	1.41	1.67	1.98 J
Mercury	CV	0.05	0.05 U	0.05 U	R	R	R	R	R
Nickel	P	0.05	0.10 J	0.06 J	0.39 J	0.47 J	0.30 J	0.25 J	0.34 J
Zinc	P	0.05	3.88 J	2.24 J	11.2 J	15.1 J	17.1 J	11.2 J	24.1 J
SEM/AVS Ratio *			0.23	0.20	2.44	0.84	0.38	2.53	0.41
DATE SAMPLED:			11/13/97	11/14/97	11/18/97	11/20/97	11/20/97	11/19/97	11/19/97
PERCENT MOISTURE (%)			24.9	30.6	73.9	68.0	73.1	71.7	86.7

NOTES:
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R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
CV - Cold Vapor Extraction
P - ICP/Flame AE
FD - Field Duplicate

* SEM/AVS Ratio = sum of cadmium copper, lead, mercury, nickel, and zinc detected concentrations divided by the sulfide concentration

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Acid Volatile Sulfide and Selected Simultaneously Extracted Metals (AVS/SEM)
Sediment and Aqueous Matrices
(umoles/g)

M&E SAMPLE ID:			SED-10-02	SED-10-04	SED-11-01	SED-12-01	SED-12-03	SED-13-01	SED-13-03
DAS SAMPLE NUMBER:			DAM352	DAM355	DAM336	DAM357	DAM358	DAM341	DAM342
REMARKS:			-----	FD of SED-10-01	-----	-----	-----	-----	-----
ANALYTE	METHOD	CRDL							
Sulfide	--	0.05	5.15	64.8	15.7	35.8	11.6	4.80	3.79
Arsenic	P	0.05	4.53 J	0.80 J	2.98 J	3.40 J	2.99 J	0.05 U	0.50 J
Cadmium	P	0.05	0.05 U	0.12	0.10 UJ	0.05 U	0.08	0.05 U	0.05 U
Copper	P	0.05	0.61	0.05 U	1.45 J	1.27	0.62	0.05 UJ	0.59 J
Lead	P	0.05	1.87 J	1.53	1.29 J	1.54	3.26	1.17 J	2.79 J
Mercury	CV	0.05	R	R	0.05 U	R	R	0.05 U	0.05 U
Nickel	P	0.05	0.23 J	0.83 J	0.44 J	0.26 J	0.28 J	0.15 J	0.21 J
Zinc	P	0.05	9.56 J	25.0 J	17.8 J	13.0 J	13.3 J	5.79 J	4.96 J
SEM/AVS Ratio *			2.38	0.42	1.34	0.45	1.51	1.48	2.26
DATE SAMPLED:			11/19/97	11/19/97	11/14/97	11/20/97	11/20/97	11/17/97	11/17/97
PERCENT MOISTURE (%)			82.6	86.2	79.4	82.7	75.4	69.7	73.8

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UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
CV - Cold Vapor Extraction
P - ICP/Flame AE
FD - Field Duplicate

* SEM/AVS Ratio = sum of cadmium copper, lead, mercury, nickel, and zinc detected concentrations divided by the sulfide concentration

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Acid Volatile Sulfide and Selected Simultaneously Extracted Metals (AVS/SEM)
Sediment and Aqueous Matrices
(umoles/g)

M&E SAMPLE ID:			SED-15-01	SED-18-02	SED-18-03	SED-19-01	SED-20-01	SED-21-01	SED-22-02
DAS SAMPLE NUMBER:			DAM340	DAM347	DAM348	DAM354	DAM339	DAM335	DAM321
REMARKS:			-----	-----	-----	-----	-----	-----	-----
ANALYTE	METHOD	CRDL							
Sulfide	--	0.05	31.3	17.1	15.9	6.88	17.7	28.0	0.050 U
Arsenic	P	0.05	0.47 J	3.43 J	3.00 J	0.52 J	1.12 J	0.19 J	0.05 U
Cadmium	P	0.05	0.20 J	0.11	0.08	0.05 U	0.09 J	0.09 UJ	0.05 U
Copper	P	0.05	0.05 UJ	2.18	4.11	0.38	1.29 J	0.05 UJ	0.53 J
Lead	P	0.05	0.81 J	1.70	2.38	0.60	1.43 J	1.68 J	20.4 J
Mercury	CV	0.05	0.05 U	R	R	R	0.05 U	0.05 U	0.05 U
Nickel	P	0.05	0.52 J	0.47 J	0.61 J	0.15 J	0.72 J	0.17 J	0.35 J
Zinc	P	0.05	26.1 J	19.5 J	18.9 J	9.55 J	20.6 J	25.7 J	2.10 J
SEM/AVS Ratio *			0.88	1.40	1.64	1.55	1.36	0.99	467.6
DATE SAMPLED:			11/17/97	11/18/97	11/18/97	11/19/97	11/17/97	11/14/97	11/12/97
PERCENT MOISTURE (%)			88.2	83.7	83.8	83.8	88.4	85.1	83.3

NOTES:
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UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
CV - Cold Vapor Extraction
P - ICP/Flame AE
FD - Field Duplicate

* SEM/AVS Ratio = sum of cadmium copper, lead, mercury, nickel, and zinc detected concentrations divided by the sulfide concentration

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Acid Volatile Sulfide and Selected Simultaneously Extracted Metals (AVS/SEM)
Sediment and Aqueous Matrices
(umoles/g)

M&E SAMPLE ID:			SED-24-03	SED-25-02
DAS SAMPLE NUMBER:			DAM320	DAM346
REMARKS:			-----	-----
ANALYTE	METHOD	CRDL		
Sulfide	--	0.05	10.2	2.03
Arsenic	P	0.05	0.05 U	0.05 U
Cadmium	P	0.05	0.05 U	0.05 U
Copper	P	0.05	0.05 UJ	0.11
Lead	P	0.05	1.79 J	0.90
Mercury	CV	0.05	0.05 U	R
Nickel	P	0.05	0.38 J	0.05 J
Zinc	P	0.05	3.69 J	1.84 J
SEM/AVS Ratio *			0.57	1.43
DATE SAMPLED:			11/12/97	11/18/97
PERCENT MOISTURE (%)			69.6	44.7

NOTES:
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NC - Not Calcluated
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
CV - Cold Vapor Extraction
P - ICP/Flame AE
FD - Field Duplicate

* SEM/AVS Ratio = sum of cadmium copper, lead, mercury, nickel, and zinc detected concentrations divided by the sulfide concentration

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Acid Volatile Sulfide and Selected Simultaneously Extracted Metals (AVS/SEM)
Sediment and Aqueous Matrices
(umoles/g)

M&E SAMPLE ID:			SED-17-EB	SED-20-EB
DAS SAMPLE NUMBER:			DAM344	DAM362
REMARKS:			Eqt. Blank	Equip. Blank
ANALYTE	METHOD	CRDL		
Sulfide	--	0.05	0.050 U	0.050 U
Arsenic	P	0.05	0.05 U	0.05 U
Cadmium	P	0.05	0.05 U	0.05 U
Copper	P	0.05	0.05 U	0.05 U
Lead	P	0.05	0.05 U	0.05 U
Mercury	CV	0.05	0.05 U	0.05 U
Nickel	P	0.05	0.05 U	0.05 U
Zinc	P	0.05	0.05 U	0.05 U
SEM/AVS Ratio *			NC	NC
DATE SAMPLED:			11/17/97	11/20/97
PERCENT MOISTURE (%)			100.0	100.0

NOTES:
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U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
CV - Cold Vapor Extraction
P - ICP/Flame AE

* SEM/AVS Ratio = sum of cadmium, copper, lead, mercury, nickel, and zinc detected concentrations divided by the sulfide concentration

Total Combustible Organics

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Total Combustible Organics/Total Organic Carbon
Sediment Matrix

M&E SAMPLE ID:		SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
DAS SAMPLE NUMBER:		DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	RL						
Percent Moisture (%)	0.01	83.7	81.6	67.9	79.8	83.0	82.7
Percent Solids - Wet (%)	0.01	16.3	18.4	32.1	20.2	17.0	17.3
Percent Solids - Dry (%)	0.01	99.0	99.1	99.7	99.3	98.9	97.6
Total Combustible Organics (mg/kg)	2000	230000 J	152000 J	125000 J	160000 J	195000 J	193000 J
Total Organic Carbon (mg/kg)		NR	NR	NR	NR	NR	NR
pH	--	6.6 J	6.9 J	6.5 J	6.5 J	6.3 J	6.8 J
DILUTION FACTOR (for TCO):		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		11/12/97	11/12/97	11/13/97	11/13/97	11/13/97	11/14/97
DATE TCO ANALYZED:		12/15/97	12/15/97	12/15/97	12/15/97	12/15/97	12/15/97

NOTES:
RL - Reporting Limit
TCO - Total Combustible Organics

J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
NR - Not required to be reported

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Total Combustible Organics/Total Organic Carbon
Sediment Matrix

M&E SAMPLE ID:		SED-04-03	SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05
DAS SAMPLE NUMBER:		DAM334	DAM328	DAM331	DAM345	DAM359	DAM360
REMARKS:		-----	FD of SED-05-05	FD of SED-05-03	-----	-----	-----
ANALYTE	RL						
Percent Moisture (%)	0.01	82.4	25.5	20.3	73.4 J	69.6 J	73.7 J
Percent Solids - Wet (%)	0.01	17.6	74.5	79.7	26.6 J	30.4 J	26.3 J
Percent Solids - Dry (%)	0.01	98.6	NR	NR	99.5 J	99.5 J	97.1 J
Total Combustible Organics (mg/kg)	2000	255000 J	34200 J	84000 J	197000 J	194000 J	210000 J
Total Organic Carbon (mg/kg)		NR	NR	NR	NR	NR	NR
pH	--	6.6 J	6.3 J	6.4 J	6.6 J	5.6 J	5.6 J
DILUTION FACTOR (for TCO):		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		11/14/97	11/13/97	11/14/97	11/18/97	11/20/97	11/20/97
DATE TCO ANALYZED:		12/15/97	12/15/97	12/15/97	12/22/97	12/22/97	12/22/97

NOTES:
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TCO - Total Combustible Organics

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NR - Not required to be reported

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Total Combustible Organics/Total Organic Carbon
Sediment Matrix

M&E SAMPLE ID:		SED-07-10	SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01
DAS SAMPLE NUMBER:		DAM353	DAM351	DAM352	DAM355	DAM336	DAM357
REMARKS:		-----	FD of SED-10-04	-----	FD of SED-10-01	-----	-----
ANALYTE	RL						
Percent Moisture (%)	0.01	74.0 J	88.0 J	85.5 J	87.3 J	83.0	84.2 J
Percent Solids - Wet (%)	0.01	26.0 J	12.0 J	14.5 J	12.7 J	17.0	15.8 J
Percent Solids - Dry (%)	0.01	99.6 J	77.0 J	99.5 J	84.0 J	98.4	98.1 J
Total Combustible Organics (mg/kg)	2000	218000 J	471000 J	463000 J	459000 J	387000 J	912000 J
Total Organic Carbon (mg/kg)		NR	NR	NR	NR	NR	NR
pH	--	6.5 J	5.5 J	5.4 J	5.5 J	6.3 J	4.5 J
DILUTION FACTOR (for TCO):		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		11/19/97	11/19/97	11/19/97	11/19/97	11/14/97	11/19/97
DATE TCO ANALYZED:		12/22/97	12/22/97	12/22/97	12/22/97	12/15/97	12/22/97

NOTES:
RL - Reporting Limit
TCO - Total Combustible Organics

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U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
NR - Not required to be reported

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Total Combustible Organics/Total Organic Carbon
Sediment Matrix

M&E SAMPLE ID:		SED-12-03	SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03
DAS SAMPLE NUMBER:		DAM358	DAM341	DAM342	DAM340	DAM347	DAM348
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	RL						
Percent Moisture (%)	0.01	76.7 J	62.2	75.6	86.4	85.7 J	84.3 J
Percent Solids - Wet (%)	0.01	23.3 J	37.8	24.4	13.6	14.3 J	15.7 J
Percent Solids - Dry (%)	0.01	93.4 J	99.2	98.8	42.5	98.9 J	99.2 J
Total Combustible Organics (mg/kg)	2000	431000 J	232000 J	118000 J	702000 J	361000 J	423000 J
Total Organic Carbon (mg/kg)		NR	NR	NR	NR	NR	NR
pH	--	5.6 J	6.1 J	6.4 J	5.9 J	6.3 J	6.4 J
DILUTION FACTOR (for TCO):		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		11/20/97	11/17/97	11/17/97	11/17/97	11/18/97	11/18/97
DATE TCO ANALYZED:		12/22/97	12/15/97	12/15/97	12/15/97	12/22/97	12/22/97

NOTES:
RL - Reporting Limit
TCO - Total Combustible Organics

J - Quantitation is approximate due to limitations identified in the quality control review
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R - Value is rejected
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NR - Not required to be reported

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Total Combustible Organics/Total Organic Carbon
Sediment Matrix

M&E SAMPLE ID:		SED-19-01	SED-20-01	SED-21-01	SED-22-02	SED-24-03	SED-25-02
DAS SAMPLE NUMBER:		DAM354	DAM339	DAM335	DAM321	DAM320	DAM346
REMARKS:		-----	-----	-----	-----	-----	-----
ANALYTE	RL						
Percent Moisture (%)	0.01	84.9 J	87.7	85.7	83.5	67.3	43.7 J
Percent Solids - Wet (%)	0.01	15.1 J	12.3	14.3	16.5	32.7	56.3 J
Percent Solids - Dry (%)	0.01	57.8 J	97.4	97.3	96.8	99.4	NR
Total Combustible Organics (mg/kg)	2000	686000 J	441000 J	344000 J	693000 J	153000 J	59200 J
Total Organic Carbon (mg/kg)		NR	NR	NR	NR	NR	NR
pH	--	5.2 J	5.8 J	6.1 J	6.1 J	5.7 J	6.4 J
DILUTION FACTOR (for TCO):		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		11/19/97	11/17/97	11/14/97	11/12/97	11/12/97	11/18/97
DATE TCO ANALYZED:		12/22/97	12/15/97	12/15/97	12/15/97	12/15/97	12/22/97

NOTES:
RL - Reporting Limit
TCO - Total Combustible Organics

J - Quantitation is approximate due to limitations identified in the quality control review
U - Value reported is the sample-specific detection limit
R - Value is rejected
UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
NR - Not required to be reported

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Total Combustible Organics/Total Organic Carbon
Sediment Matrix

M&E SAMPLE ID:		SED-17-EB
DAS SAMPLE NUMBER:		DAM344
REMARKS:		Eqt. Blank
ANALYTE	RL	
Percent Moisture (%)	0.01	NR
Percent Solids - Wet (%)	0.01	NR
Percent Solids - Dry (%)	0.01	NR
Total Combustible Organics (mg/kg)	2000	NR
Total Organic Carbon (mg/kg)		NR
pH	--	6.3 J
DILUTION FACTOR (for TCO):		-----
DATE SAMPLED:		11/17/97
DATE TCO ANALYZED:		-----

NOTES:
RL - Reporting Limit
TCO - Total Combustible Organics

J - Quantitation is approximate due to limitations identified in the quality control review
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UJ - Sample-specific detection limit is approximate due to limitations identified in the quality control review
NR - Not required to be reported

Grain Size -- Sieve Analysis

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Sieve by D422-63)
Sediment Matrix
(% Retained)

M&E SAMPLE ID:		SED-01-06	SED-01-07	SED-02-01	SED-02-02	SED-03-02	SED-04-02
AS SAMPLE NUMBER:		DAM322	DAM323	DAM326	DAM327	DAM325	DAM333
REMARKS:		-----	-----	-----	-----	-----	-----
Sieve Analysis	Particle Size						
3 inch	> 75 mm	0.0	0.0	0.0	0.0	0.0	0.0
2 inch	50 - 75 mm	0.0	0.0	0.0	0.0	0.0	0.0
1 inch	37.5 - 50 mm	0.0	0.0	0.0	0.0	0.0	0.0
1.5 inch	25 - 37.5 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/4 inch	19 - 25 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/8 inch	9.75 - 19 mm	0.0	0.0	0.0	0.0	0.0	0.0
#4	4.75 - 9.75 mm	0.0	0.0	0.2	0.0	0.0	0.2
#10	2.00 - 4.75 mm	0.1	0.1	3.2	0.4	0.8	1.3
#20	0.850 - 2.00 mm	3.8	2.5	15.3	2.5	10.3	3.1
#40	0.425 - 0.850 mm	6.7	4.8	32.0	6.9	25.4	5.8
#60	0.250 - 0.425 mm	8.8	6.7	46.5	11.4	33.1	8.5
#100	0.150 - 0.250 mm	12.0	9.0	59.9	15.6	37.2	11.9
#200	0.075 - 0.150 mm	21.5	20.2	74.5	25.3	42.1	18.0
TOTAL SAMPLE WEIGHT (g):		64.66	64.05	87.95	68.21	78.81	69.37
DATE SAMPLED:		11/12/97	11/12/97	11/13/97	11/13/97	11/13/97	11/14/97

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Sieve by D422-63)
Sediment Matrix
(% Retained)

M&E SAMPLE ID:		SED-04-03	SED-05-03	SED-05-05	SED-06-03	SED-07-02	SED-07-05
AS SAMPLE NUMBER:		DAM334	DAM328	DAM331	DAM345	DAM359	DAM360
REMARKS:		-----	FD of SED-05-05	FD of SED-05-03	-----	-----	-----
Sieve Analysis	Particle Size						
3 inch	>75 mm	0.0	0.0	0.0	0.0	0.0	0.0
2 inch	50 - 75 mm	0.0	0.0	0.0	0.0	0.0	0.0
1 inch	37.5 - 50 mm	0.0	0.0	0.0	0.0	0.0	0.0
1.5 inch	25 - 37.5 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/4 inch	19 - 25 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/8 inch	9.75 - 19 mm	0.0	0.5	0.0	0.0	0.0	0.0
#4	4.75 - 9.75 mm	0.0	6.9	5.3	0.0	0.0	0.0
#10	2.00 - 4.75 mm	0.4	19.2	17.6	0.0	0.0	0.0
#20	0.850 - 2.00 mm	1.7	38.3	36.8	0.9	0.3	0.3
#40	0.425 - 0.850 mm	4.1	57.8	58.2	3.3	1.6	1.9
#60	0.250 - 0.425 mm	5.3	70.5	72.5	8.8	3.7	4.4
#100	0.150 - 0.250 mm	9.0	78.6	80.0	18.4	6.8	7.5
#200	0.075 - 0.150 mm	16.3	85.4	86.8	30.8	24.7	19.3
TOTAL SAMPLE WEIGHT (g):		73.58	286.74	283.49	144.76	178.21	164.48
DATE SAMPLED:		11/14/97	11/13/97	11/14/97	11/18/97	11/20/97	11/20/97

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Sieve by D422-63)
Sediment Matrix
(% Retained)

M&E SAMPLE ID:		SED-07-10	SED-10-01	SED-10-02	SED-10-04	SED-11-01	SED-12-01
AS SAMPLE NUMBER:		DAM353	DAM351	DAM352	DAM355	DAM336	DAM357
REMARKS:		-----	FD of SED-10-04	-----	FD of SED-10-01	-----	-----
Sieve Analysis	Particle Size						
3 inch	>75 mm	0.0	0.0	0.0	0.0	0.0	0.0
2 inch	50 - 75 mm	0.0	0.0	0.0	0.0	0.0	0.0
1 inch	37.5 - 50 mm	0.0	0.0	0.0	0.0	0.0	0.0
1.5 inch	25 - 37.5 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/4 inch	19 - 25 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/8 inch	9.75 - 19 mm	0.0	0.0	0.0	0.0	0.0	0.0
#4	4.75 - 9.75 mm	0.0	0.0	0.0	0.0	0.0	0.0
#10	2.00 - 4.75 mm	0.0	0.3	0.0	0.1	0.7	0.0
#20	0.850 - 2.00 mm	0.3	3.4	1.2	1.5	4.6	3.7
#40	0.425 - 0.850 mm	3.2	12.4	4.8	14.6	12.5	11.7
#60	0.250 - 0.425 mm	7.8	22.0	9.6	26.7	24.0	19.9
#100	0.150 - 0.250 mm	13.8	32.3	14.4	35.3	39.8	28.0
#200	0.075 - 0.150 mm	35.6	45.7	22.5	49.1	53.2	38.7
TOTAL SAMPLE WEIGHT (g):		189.51	83.49	105.70	80.43	66.49	89.23
DATE SAMPLED:		11/19/97	11/19/97	11/19/97	11/19/97	11/14/97	11/19/97

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Sieve by D422-63)
Sediment Matrix
(% Retained)

M&E SAMPLE ID:		SED-12-03	SED-13-01	SED-13-03	SED-15-01	SED-18-02	SED-18-03
AS SAMPLE NUMBER:		DAM358	DAM341	DAM342	DAM340	DAM347	DAM348
REMARKS:		-----	-----	-----	-----	-----	-----
Sieve Analysis	Particle Size						
3 inch	>75 mm	0.0	0.0	0.0	0.0	0.0	0.0
2 inch	50 - 75 mm	0.0	0.0	0.0	0.0	0.0	0.0
1 inch	37.5 - 50 mm	0.0	0.0	0.0	0.0	0.0	0.0
1.5 inch	25 - 37.5 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/4 inch	19 - 25 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/8 inch	9.75 - 19 mm	0.0	0.0	0.0	0.0	0.0	0.0
#4	4.75 - 9.75 mm	0.0	0.3	0.0	0.0	0.0	0.0
#10	2.00 - 4.75 mm	0.1	1.2	0.7	0.0	0.0	0.0
#20	0.850 - 2.00 mm	1.3	8.3	4.0	2.3	1.6	3.6
#40	0.425 - 0.850 mm	5.5	16.5	8.0	20.7	6.2	9.0
#60	0.250 - 0.425 mm	12.5	26.3	13.8	35.0	11.7	14.9
#100	0.150 - 0.250 mm	23.4	40.4	21.0	44.8	19.7	20.6
#200	0.075 - 0.150 mm	43.1	62.6	29.4	52.5	31.5	29.3
TOTAL SAMPLE WEIGHT (g):		210.74	89.92	65.19	99.27	89.25	99.50
DATE SAMPLED:		11/20/97	11/17/97	11/17/97	11/17/97	11/18/97	11/18/97

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Sieve by D422-63)
Sediment Matrix
(% Retained)

M&E SAMPLE ID:		SED-19-01	SED-20-01	SED-21-01	SED-22-02	SED-24-03	SED-25-02
AS SAMPLE NUMBER:		DAM354	DAM339	DAM335	DAM321	DAM320	DAM346
REMARKS:		-----	-----	-----	-----	-----	-----
Sieve Analysis	Particle Size						
3 inch	> 75 mm	0.0	0.0	0.0	0.0	0.0	0.0
2 inch	50 - 75 mm	0.0	0.0	0.0	0.0	0.0	0.0
1 inch	37.5 - 50 mm	0.0	0.0	0.0	0.0	0.0	0.0
1.5 inch	25 - 37.5 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/4 inch	19 - 25 mm	0.0	0.0	0.0	0.0	0.0	0.0
3/8 inch	9.75 - 19 mm	0.0	0.0	0.0	0.0	0.0	0.0
#4	4.75 - 9.75 mm	0.0	0.0	0.0	0.0	1.3	0.3
#10	2.00 - 4.75 mm	0.3	0.0	0.5	0.6	1.9	3.4
#20	0.850 - 2.00 mm	4.7	3.2	3.4	11.6	5.1	9.7
#40	0.425 - 0.850 mm	17.3	13.3	10.0	19.6	9.6	20.3
#60	0.250 - 0.425 mm	27.7	24.3	17.4	23.5	18.0	35.6
#100	0.150 - 0.250 mm	34.8	32.5	23.9	26.3	33.1	57.5
#200	0.075 - 0.150 mm	41.8	41.5	33.3	36.7	50.2	80.0
TOTAL SAMPLE WEIGHT (g):		89.81	68.49	72.09	69.74	94.33	194.64
DATE SAMPLED:		11/19/97	11/17/97	11/14/97	11/12/97	11/12/97	11/18/97

Grain Size -- Hydrometer Analysis

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Hydrometer by D422-63)
Sediment Matrix
(% Finer)

M&E SAMPLE ID:	SED-01-06		SED-01-07		SED-02-01		SED-02-02		SED-03-02	
DAS SAMPLE NUMBER:	DAM322		DAM323		DAM326		DAM327		DAM325	
REMARKS:	-----		-----		-----		-----		-----	
Hydrometer Analysis	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**
2 Minutes	0.0442	41.218	0.0455	32.025	0.0400	16.390	0.0465	39.055	0.0454	24.979
5 Minutes	0.0290	29.786	0.0293	25.620	0.0254	14.341	0.0300	32.163	0.0291	21.136
15 Minutes	0.0169	25.189	0.0173	17.080	0.0149	8.195	0.0177	22.974	0.0170	17.293
30 Minutes	0.0125	9.160	0.0123	14.945	0.0107	2.049	0.0128	16.082	0.0122	11.529
60 Minutes	0.0089	4.580	0.0088	12.810	0.0077	0.000	0.0091	11.487	0.0087	7.686
60 Minutes	0.0044	4.580	0.0044	6.405	0.0037	0.000	0.0045	6.892	0.0043	3.843
1440 Minutes	0.0018	4.580	0.0018	4.270	0.0016	0.000	0.0019	4.595	0.0018	1.921
SPECIFIC GRAVITY (<0.075 mm):	1.94		1.94		2.31		1.88		1.99	
HYDROMETER SAMPLE WEIGHT (g):	50.19		53.83		50.54		50.30		58.87	
DATE SAMPLED:	11/12/97		11/12/97		11/13/97		11/13/97		11/13/97	

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Hydrometer by D422-63)
Sediment Matrix
(% Finer)

M&E SAMPLE ID:	SED-04-02		SED-04-03		SED-05-03		SED-05-05		SED-06-03	
DAS SAMPLE NUMBER:	DAM333		DAM334		DAM328		DAM331		DAM345	
REMARKS:	-----		-----		FD of SED-05-05		FD of SED-05-03		-----	
Hydrometer Analysis	Diam (mm)	% Finer	Diam (mm)	% Finer	Diam (mm)	% Finer	Diam (mm)	% Finer	Diam (mm)	% Finer
2 Minutes	0.0437	77.207	0.0575	81.169	0.0412	6.900 J	0.0406	15.868 J	0.0330	48.058
5 Minutes	0.0281	73.143	0.0380	69.573	0.0263	5.175 J	0.0264	7.053 J	0.0214	40.369
15 Minutes	0.0172	58.921	0.0233	51.020	0.0153	1.725 J	0.0154	5.289 J	0.0130	24.990
30 Minutes	0.0126	48.762	0.0170	39.425	0.0108	1.725 J	0.0109	5.289 J	0.0093	23.068
60 Minutes	0.0093	36.572	0.0122	32.467	0.0077	1.725 J	0.0077	5.289 J	0.0066	19.223
60 Minutes	0.0049	14.222	0.0062	16.234	0.0038	0.000 J	0.0038	1.763 J	0.0033	11.534
1440 Minutes	0.0021	8.127	0.0027	6.957	0.0016	0.000 J	0.0016	1.763 J	0.0014	5.767
SPECIFIC GRAVITY (<0.075 mm):	1.73		1.45		2.29		2.30		2.61	
HYDROMETER SAMPLE WEIGHT (g):	57.81		53.28		50.60		50.49		51.50	
DATE SAMPLED:	11/14/97		11/14/97		11/13/97		11/14/97		11/18/97	

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Hydrometer by D422-63)
Sediment Matrix
(% Finer)

M&E SAMPLE ID:	SED-07-02		SED-07-05		SED-07-10		SED-10-01		SED-10-02	
DAS SAMPLE NUMBER:	DAM359		DAM360		DAM353		DAM351		DAM352	
REMARKS:	-----		-----		-----		FD of SED-10-04		-----	
Hydrometer Analysis	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**
2 Minutes	0.0434	41.991	0.0327	54.704	0.0335	31.130	0.0375	41.949	0.0559	59.921
5 Minutes	0.0278	37.571	0.0219	39.074	0.0213	29.298	0.0241	37.754	0.0363	50.334
15 Minutes	0.0165	26.521	0.0130	31.259	0.0127	20.143	0.0141	33.559	0.0213	45.540
30 Minutes	0.0118	24.311	0.0094	23.445	0.0091	16.480	0.0102	25.169	0.0152	40.747
60 Minutes	0.0085	17.680	0.0068	19.537	0.0065	14.649	0.0073	20.974	0.0110	33.556
60 Minutes	0.0042	11.050	0.0034	11.722	0.0032	9.156	0.0037	12.585	0.0055	21.572
1440 Minutes	0.0018	6.630	0.0014	7.815	0.0014	5.493	0.0016	6.292	0.0024	11.984
SPECIFIC GRAVITY (<0.075 mm):	2.01		2.53		2.74		2.31		1.56	
HYDROMETER SAMPLE WEIGHT (g):	51.13		52.72		51.88		50.88		50.90	
DATE SAMPLED:	11/20/97		11/20/97		11/19/97		11/19/97		11/19/97	

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Hydrometer by D422-63)
Sediment Matrix
(% Finer)

M&E SAMPLE ID:	SED-10-04		SED-11-01		SED-12-01		SED-12-03		SED-13-01	
DAS SAMPLE NUMBER:	DAM355		DAM336		DAM357		DAM358		DAM341	
REMARKS:	FD of SED-10-01		-----		-----		-----		-----	
Hydrometer Analysis	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**
2 Minutes	0.0482	41.345	0.0447	45.533	0.0363	48.701	0.0390	49.170	0.0589	35.801
5 Minutes	0.0308	36.751	0.0292	35.184	0.0234	42.613	0.0252	42.757	0.0385	22.376
15 Minutes	0.0183	25.267	0.0173	26.906	0.0139	34.496	0.0150	34.205	0.0226	15.663
30 Minutes	0.0131	22.970	0.0123	24.836	0.0100	28.409	0.0107	27.792	0.0161	13.426
60 Minutes	0.0093	18.376	0.0089	18.627	0.0072	22.321	0.0077	23.516	0.0115	11.188
60 Minutes	0.0047	11.485	0.0045	8.279	0.0036	14.204	0.0039	14.965	0.0057	6.713
1440 Minutes	0.0020	6.891	0.0019	4.139	0.0015	8.117	0.0016	8.551	0.0024	4.475
SPECIFIC GRAVITY (< 0.075 mm):	1.82		1.90		2.34		2.18		1.57	
HYDROMETER SAMPLE WEIGHT (g):	50.88		55.66		52.73		51.40		53.85	
DATE SAMPLED:	11/19/97		11/14/97		11/19/97		11/20/97		11/17/97	

SITE: Wells G&H (Operable Unit 3)
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DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Hydrometer by D422-63)
Sediment Matrix
(% Finer)

M&E SAMPLE ID:	SED-13-03		SED-15-01		SED-18-02		SED-18-03		SED-19-01	
DAS SAMPLE NUMBER:	DAM342		DAM340		DAM347		DAM348		DAM354	
REMARKS:	-----		-----		-----		-----		-----	
Hydrometer Analysis	Diam (mm)	% Finer	Diam (mm)	% Finer	Diam (mm)	% Finer	Diam (mm)	% Finer	Diam (mm)	% Finer
2 Minutes	0.0304	48.381	0.0535	38.125	0.0395	54.604	0.0414	62.387	0.0545	49.525
5 Minutes	0.0199	40.040	0.0344	30.977	0.0258	43.684	0.0266	58.228	0.0350	44.809
15 Minutes	0.0119	31.698	0.0204	21.446	0.0152	37.131	0.0159	47.830	0.0203	42.450
30 Minutes	0.0087	25.025	0.0145	19.063	0.0110	28.394	0.0116	39.512	0.0148	33.017
60 Minutes	0.0062	20.020	0.0104	14.297	0.0078	26.210	0.0084	33.273	0.0105	30.659
60 Minutes	0.0032	10.010	0.0052	7.149	0.0039	17.473	0.0043	18.716	0.0053	18.867
1440 Minutes	0.0013	6.673	0.0022	7.149	0.0017	10.921	0.0018	10.398	0.0023	9.433
SPECIFIC GRAVITY (< 0.075 mm):	2.76		1.69		2.12		1.93		1.62	
HYDROMETER SAMPLE WEIGHT (g):	55.36		50.36		50.82		55.30		51.17	
DATE SAMPLED:	11/17/97		11/17/97		11/18/97		11/18/97		11/19/97	

SITE: Wells G&H (Operable Unit 3)
CASE NO.: 0049M

DATA SUMMARY TABLES
Delivery of Analytical Services for
Grain Size Analysis (Hydrometer by D422-63)
Sediment Matrix
(% Finer)

M&E SAMPLE ID:	SED-20-01		SED-21-01		SED-22-02		SED-24-03		SED-25-02	
DAS SAMPLE NUMBER:	DAM339		DAM335		DAM321		DAM320		DAM346	
REMARKS:	-----		-----		-----		-----		-----	
Hydrometer Analysis	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**	**Diam (mm)**	**% Finer**
2 Minutes	0.0632	56.044	0.0654	70.334	0.0662	51.874	0.0428	28.468	0.0390	13.814
5 Minutes	0.0409	49.578	0.0423	63.058	0.0431	41.994	0.0278	19.708	0.0250	9.867
15 Minutes	0.0251	28.022	0.0253	50.931	0.0264	17.291	0.0165	8.759	0.0146	5.920
30 Minutes	0.0180	23.711	0.0186	36.380	0.0188	14.821	0.0117	6.569	0.0103	5.920
60 Minutes	0.0129	19.400	0.0135	26.678	0.0135	7.411	0.0083	4.380	0.0073	5.920
60 Minutes	0.0065	10.778	0.0068	14.552	0.0066	7.411	0.0041	2.190	0.0036	3.947
1440 Minutes	0.0027	8.622	0.0029	7.276	0.0028	2.470	0.0017	0.000	0.0015	1.973
SPECIFIC GRAVITY (<0.075 mm):	1.43		1.38		1.42		2.09		2.44	
HYDROMETER SAMPLE WEIGHT (g):	57.99		51.70		50.32		50.17		51.39	
DATE SAMPLED:	11/17/97		11/14/97		11/12/97		11/12/97		11/18/97	