

00394



## **Seneca Army Depot Activity Quarterly Report**

**Quality Assured Data Received between  
April 1, 2000 and June 30, 2000**

- **Ash Remedial Design Groundwater Data  
Collected in October 1999**
- **Ash Remedial Design Groundwater Data  
Collected in January 2000**
- **SEAD-46/57 Soil/Sediment Chemical Data  
Collected in November/December 1999**
- **SEAD-46/57 Groundwater Chemical Data  
Collected in January 2000**
- **SEAD-46/57 Groundwater Chemical Data  
Collected in April 2000**

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## **Ash Remedial Design Groundwater Chemical Data – October 1999**

## **Ash Remedial Design Groundwater Chemical Data – January 2000**



ASH REMEDIAL DESIGN  
SDG 75541  
VALIDATED DATA

PARAMETER	STUDY ID: SDG: LOC ID: SAMP_ID: FIELD OC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN		REMEDIAL DESIGN		REMEDIAL DESIGN		REMEDIAL DESIGN		REMEDIAL DESIGN	
		75541 PT-24 ARD2000 SA 10.4 GROUND WATER 7-Oct-99	75541 MW-41D ARD2001 SA 32 GROUND WATER 8-Oct-99	75541 PT-10 ARD2002 SA 40 GROUND WATER 8-Oct-99	75541 MW-31 ARD2003 SA 9.8 GROUND WATER 8-Oct-99	75541 PT-10 ARD2002 SA 40 GROUND WATER 8-Oct-99	75541 MW-31 ARD2003 SA 9.8 GROUND WATER 8-Oct-99	75541 PT-10 ARD2002 SA 40 GROUND WATER 8-Oct-99	75541 MW-31 ARD2003 SA 9.8 GROUND WATER 8-Oct-99	75541 PT-10 ARD2002 SA 40 GROUND WATER 8-Oct-99	75541 MW-31 ARD2003 SA 9.8 GROUND WATER 8-Oct-99
UNIT		VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
per		1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
oxide		5. UJ	5. UJ	5. UJ	5. UJ	5. UJ	5. UJ	5. UJ	5. UJ	5. UJ	5. UJ
d		14.7 UJ	14.7 UJ	21.8 J	14.7 UJ	21.8 J	14.7 UJ	14.7 UJ	14.7 UJ	14.7 UJ	14.7 UJ
anganese		1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
anganese		11,400. J	31,100. J	33,300. J	11,600. J	33,300. J	11,600. J	11,600. J	11,600. J	11,600. J	11,600. J
cury		.9 UJ	252. J	105. J	.1 UJ	105. J	17.1 J	105. J	17.1 J	17.1 J	17.1 J
el		.1 UJ	.1 UJ	.1 UJ	.1 UJ	.1 UJ	.1 UJ	.1 UJ	.1 UJ	.1 UJ	.1 UJ
assium		2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ
anium		1,510. J	3,520. J	2,560. J	1,860. J	2,560. J	1,860. J	1,860. J	1,860. J	1,860. J	1,860. J
er		2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ
ium		1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
ilium		10,200. J	35,500. J	33,500. J	15,800. J	33,500. J	15,800. J	15,800. J	15,800. J	15,800. J	15,800. J
adium		2.9 UJ	2.9 UJ	2.9 UJ	2.9 UJ	2.9 UJ	2.9 UJ	2.9 UJ	2.9 UJ	2.9 UJ	2.9 UJ
		3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ
		1.8 UJ	4.8 J	1.8 UJ	4.8 J	1.8 UJ	2. J	1.8 UJ	2. J	2. J	2. J



ASH REMEDIAL DESIGN  
SDG 75541  
VALIDATED DATA

PARAMETER	STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN 75541 MW-59 ARD2005 SA 8 8 GROUND WATER 9-Oct-99	REMEDIAL DESIGN 75541 PT-11 ARD2006 SA 18 18 GROUND WATER 10-Oct-99	REMEDIAL DESIGN 75541 MW-39 ARD2007 SA 9.5 9.5 GROUND WATER 9-Oct-99	REMEDIAL DESIGN 75541 MW-40 ARD2008 SA 12 12 GROUND WATER 9-Oct-99	REMEDIAL DESIGN 75541 MW-40 ARD2008 SA 12 12 GROUND WATER 9-Oct-99
AMMETER	UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
per	UG/L	1.9 U	1.7 U	1.9 U	1.9 U	1.9 U
nitride	UG/L	5 U	5 U	5 U	5 U	5 U
d	UG/L	14.7 U	457	14.7 U	14.7 U	14.7 U
nesium	UG/L	1.2 U	1 U	1.2 U	1.2 U	1.2 U
ganese	UG/L	47,100	31,900	11,800	10,600	17,800
cury	UG/L	.9 U	36.1	.9 U	.9 U	.9 U
rel	UG/L	1 U	1 U	1 U	1 U	1 U
assium	UG/L	2.6 U	1.7 U	4.6 J	2.6 U	2.6 U
anium	UG/L	2,610 J	3,160 J	2,430 J	1,720 J	2,610 J
er	UG/L	2.8 U	2.4 U	2.8 U	2.8 U	2.8 U
ilium	UG/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
ilium	UG/L	36,200	19,700	8,040	13,600	10,100
adium	UG/L	2.9 UJ	2.7 UJ	2.9 UJ	2.9 UJ	2.9 UJ
	UG/L	3.2 U	1.5 U	3.2 U	3.2 U	3.2 U
	UG/L	2.5 J	9.5 J	9.5 J	5 J	5 J





ASH REMEDIAL DESIGN  
SDG 75541  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG:	75541	75541	75541	75541	75541	75541
LOC ID:	MW-50D	MW-49D	MW-48	MW-48	PT-16	PT-16
SAMP_ID:	ARD2010	ARD2011	ARD2012	ARD2012	ARD2013	ARD2013
FIELD QC CODE:	SA	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	50	26	10	10	10	10
SAMP. DEPTH BOT:	50	26	10	10	10	10
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP. DATE:	10-Oct-99	10-Oct-99	10-Oct-99	10-Oct-99	11-Oct-99	11-Oct-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
PERMANGANATE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
NITRATE	5. U	5. U	5. U	5. U	5. U	5. U
AMMONIUM	348. J	250. J	14.7 U	14.7 U	14.7 U	14.7 U
ARSENIC	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CHLORIDE	22,400.	23,200.	12,500.	12,400.	12,400.	11,900.
COPPER	87.4	125.	1.2 J	3.7 J	3.7 J	3.7 J
LEAD	1. U	1. U	1. U	1.5 J	1.5 J	1.5 J
SILVER	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
ANTHRACENE	2,270. J	1,820. J	1,870. J	1,160. J	1,160. J	1,160. J
BENZENE	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
1,1-DICHLOROETHANE	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
1,1-DICHLOROETHYLENE	20,900.	8,220.	8,490.	7,780.	7,780.	7,780.
1,1-DICHLOROETHYLENE	29 U	29 U	29 U	29 U	29 U	29 U
1,1-DICHLOROETHYLENE	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
1,1-DICHLOROETHYLENE	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U

ASH REMEDIAL DESIGN  
SDG 75541  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN 75541 MW-38D ARD2015 SA 20 20 GROUND WATER 11-Oct-99	REMEDIAL DESIGN 75541 PT-23 ARD2016 SA 12 12 GROUND WATER 11-Oct-99	REMEDIAL DESIGN 75541 MW-37 ARD2017 SA 11 11 GROUND WATER 11-Oct-99	REMEDIAL DESIGN 75541 PT-19 ARD2018 SA 10.5 10.5 GROUND WATER 11-Oct-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q
PARAMETER	10. U	10. U	10. U	10. U
-Trichloroethane	10. U	10. U	10. U	10. U
-2-Tetrachloroethane	10. U	10. U	10. U	10. U
-Trichloroethane	10. U	10. U	10. U	10. U
-Dichloroethane	10. U	10. U	10. U	10. U
-Dichloroethane	10. U	10. U	10. U	10. U
-Dichloroethane (total)	10. U	10. U	10. U	10. U
-Dichloropropane	10. U	10. U	10. U	10. U
-ene	10. U	10. U	10. U	10. U
-Dichlorobromethane	10. U	10. U	10. U	10. U
-Dibromomethane	10. U	10. U	10. U	10. U
-mon disulfide	10. U	10. U	10. U	10. U
-mon tetrachloride	10. U	10. U	10. U	10. U
-robenzene	10. U	10. U	10. U	10. U
-Dibromomethane	10. U	10. U	10. U	10. U
-roethane	10. U	10. U	10. U	10. U
-roform	10. U	10. U	10. U	10. U
-3-Dichloropropene	10. U	10. U	10. U	10. U
-benzene	10. U	10. U	10. U	10. U
-yl bromide	10. U	10. U	10. U	10. U
-yl butyl ketone	10. U	10. U	10. U	10. U
-yl chloride	10. U	10. U	10. U	10. U
-yl ethyl ketone	10. U	10. U	10. U	10. U
-yl isobutyl ketone	10. U	10. U	10. U	10. U
-ylene chloride	10. U	10. U	10. U	10. U
-ene	10. U	10. U	10. U	10. U
-Dichloroethene	10. U	10. U	10. U	10. U
-ene	10. U	10. U	10. U	10. U
Xylenes	10. U	10. U	10. U	10. U
-s-1,3-Dichloropropene	10. U	10. U	10. U	10. U
-Dichloroethene	10. U	10. U	10. U	10. U
-chloride	357	357	69.6 J	184 J
-inimum	16.3 U	4.9 U	4.9 U	4.9 U
-nonyl	4.9 U	3.9 J	3.7 U	7. J
-nic	4.5 J	52.9 J	58.3 J	173 J
-m	164 J	.2 U	.2 U	.46 J
-lilium	.2 U	.7 U	.7 U	.7 U
-mium	.7 U	104,000.	97,600.	202,000.
-ium	91,200.	9 U	9 U	1.3 J
-mium	9 U	2.5 U	2.5 U	3.2 J
-nit	2.5 U			

ASH REMEDIAL DESIGN  
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PARAMETER	STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN 75541 MW-38D ARD2015 SA 20 20 GROUND WATER 11-Oct-99	REMEDIAL DESIGN 75541 PT-23 ARD2016 SA 12 12 GROUND WATER 11-Oct-99	REMEDIAL DESIGN 75541 MW-37 ARD2017 SA 11 11 GROUND WATER 11-Oct-99	REMEDIAL DESIGN 75541 PT-19 ARD2018 SA 10.5 10.5 GROUND WATER 11-Oct-99
AMETER	UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q
ber	UG/L	1.9 U	1.9 U	1.9 U	3.8 J
ide	UG/L	5. U	5. U	5. U	5. U
	UG/L	172.	413.	61.4 J	11,600.
esium	UG/L	1.2 U	1.2 U	1.2 U	1.2 U
ganese	UG/L	16,500.	12,700.	13,400.	25,700.
ury	UG/L	143.	146.	12. J	3,140.
el	UG/L	.1 U	.1 U	.1 U	.16 J
esium	UG/L	2.6 U	2.6 U	2.6 U	2.6 U
ium	UG/L	7,100.	2,220. J	1,120. J	8,270.
r	UG/L	2.8 U	2.8 U	2.8 U	2.8 U
um	UG/L	1.6 U	1.6 U	1.6 U	1.6 U
ium	UG/L	5,580.	10,600.	9,360.	28,900.
ium	UG/L	2.9 U	2.9 U	2.9 U	10.8
idium	UG/L	3.2 U	3.2 U	3.2 U	3.2 U
	UG/L	18.6 J	5.9 J	7.7 J	4.4 J



ASH REMEDIAL DESIGN  
SDG 75574  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG: 75574	75574	75574	75574	75574	75574	75574
LOC ID:	PT-11	PT-25	MW-33	MW-34	MW-33	MW-34
SAMP_ID:	ARD2006	ARD2019	ARD2020	ARD2021	ARD2020	ARD2021
FIELD QC CODE:	SA	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	18	11.5	9.79	12.5	12.5	12.5
SAMP. DEPTH BOT:	18	11.5	9.79	12.5	12.5	12.5
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP. DATE:	10-Oct-99	12-Oct-99	12-Oct-99	12-Oct-99	12-Oct-99	13-Oct-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	5. U	5. U	5. U	5. U	5. U	5. U
UG/L	457.	27.8 J	81.7 J	142.	142.	142.
UG/L	1. U	1. U	1. U	1. U	1. U	1. U
UG/L	31,900.	8,130.	11,200.	11,200.	11,200.	11,200.
UG/L	38.1	9 U	6.3 J	54.4	54.4	54.4
UG/L	1. U	15 J	1.1 U	.1 U	.1 U	.1 U
UG/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	3,160. J	1,050. J	1,710. J	2,450. J	2,450. J	2,450. J
UG/L	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
UG/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
UG/L	19,700.	10,800.	16,000.	63,100.	63,100.	63,100.
UG/L	2.7 UJ	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U
UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
UG/L	9.5 J	1.9 J	1.6 U	2.5 J	2.5 J	2.5 J

ASH REMEDIAL DESIGN  
SDG 75574  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN 75574 MW-54D ARD2023 SA 25 25 GROUND WATER 13-Oct-99	REMEDIAL DESIGN 75574 PT-20 ARD2025 SA 10 10 GROUND WATER 18-Oct-99	REMEDIAL DESIGN 75574 PT-20 ARD2026 DU 10 10 GROUND WATER 18-Oct-99	REMEDIAL DESIGN 75574 PT-17 ARD2027 SA 10.5 10.5 GROUND WATER 18-Oct-99	REMEDIAL DESI 75 MW ARD2
UNIT	VALUE Q 10. U	VALUE Q 10. UJ	VALUE Q 10. UJ	VALUE Q 10. UJ	VALUE Q 10. UJ
VAMETER	10. U	10. UJ	10. UJ	10. UJ	10. UJ
1-Trichloroethane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
2,2-Tetrachloroethane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
2-Trichloroethane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
Dichloroethane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
Dichloroethene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
Dichloroethane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
Dichloroethene (total)	2. J	29. J	28. J	16. J	16. J
Dichloropropane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
one	10. U	10. UJ	10. UJ	10. UJ	10. UJ
ene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
modichloromethane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
monofom	10. U	10. UJ	10. UJ	10. UJ	10. UJ
mon disulfide	10. U	10. UJ	10. UJ	10. UJ	10. UJ
mon tetrachloride	10. U	10. UJ	10. UJ	10. UJ	10. UJ
robenzene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
rodibromomethane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
roethane	10. U	10. UJ	10. UJ	10. UJ	10. UJ
roform	10. U	10. UJ	10. UJ	10. UJ	10. UJ
1,3-Dichloropropene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
benzene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
yl bromide	10. U	10. UJ	10. UJ	10. UJ	10. UJ
yl butyl ketone	10. U	10. UJ	10. UJ	10. UJ	10. UJ
yl chloride	10. U	10. UJ	10. UJ	10. UJ	10. UJ
yl ethyl ketone	10. U	10. UJ	10. UJ	10. UJ	10. UJ
yl isobutyl ketone	10. U	10. UJ	10. UJ	10. UJ	10. UJ
ylene chloride	10. U	10. UJ	10. UJ	10. UJ	10. UJ
ene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
achloroethene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
ene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
Xylenes	10. U	10. UJ	10. UJ	10. UJ	10. UJ
is-1,3-Dichloropropene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
chloroethene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
chloride	10. U	10. UJ	10. UJ	10. UJ	10. UJ
inim	14.3 U	14.3 UJ	14.3 UJ	14.3 UJ	14.3 UJ
nonyl	2.7 U	2.7 UJ	2.7 UJ	2.7 UJ	2.7 UJ
nic	1.9 U	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
um	134. J	5.6 UJ	81.1 J	50.5 J	50.5 J
ilium	2. U	2. UJ	2. UJ	2. UJ	2. UJ
mium	3. U	3. UJ	3. UJ	3. UJ	3. UJ
ium	82,000.	124. UJ	159,000. J	105,000. J	112,000. J
mium	9. U	9. UJ	9. UJ	9. UJ	9. UJ
salat	2. U	2. UJ	2. UJ	2. UJ	2. UJ

ASH REMEDIAL DESIGN  
SDG 75574  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG: 75574	75574	75574	75574	75574	75574	75574	75574
LOC ID: MW-54D	PT-20	PT-20	PT-20	PT-20	PT-20	PT-17	PT-17
SAMP ID: ARD2023	ARD2025	ARD2025	ARD2025	ARD2026	ARD2026	ARD2027	ARD2027
FIELD QC CODE: SA	SA	SA	SA	DU	DU	SA	SA
SAMP. DEPTH TOP: 25	10	10	10	10	10	10.5	10.5
SAMP. DEPTH BOT: 25	10	10	10	10	10	10.5	10.5
MATRIX: GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP. DATE: 13-Oct-99	18-Oct-99	18-Oct-99	18-Oct-99	18-Oct-99	18-Oct-99	18-Oct-99	18-Oct-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
PERMEABILITY	1.7 U	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
CHLORIDE	5 U	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
ARSENIC	28.7 J	14.7 UJ	14.7 UJ	14.7 UJ	14.7 UJ	24.3 J	24.3 J
LEAD	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
CHROMIUM	24,600	134 UJ	134 UJ	16,200 J	16,200 J	10,200 J	10,200 J
COPPER	127	.9 UJ	.9 UJ	3.3 J	3.3 J	12.2 J	12.2 J
MANGANESE	.1 U	.1 UJ	.1 UJ	.12 J	.12 J	.1 UJ	.1 UJ
NITRATE	1.7 U	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
AMMONIUM	2,570 J	261 UJ	261 UJ	2,050 J	2,050 J	1,230 J	1,230 J
ANTHRACENE	2.4 U	2.4 UJ	2.4 UJ	2.4 UJ	2.4 UJ	2.4 UJ	2.4 UJ
FLUORENTHENE	1.6 U	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
PHENANTHRENE	23,300	875 UJ	875 UJ	24,800 J	24,800 J	20,000 J	20,000 J
FLUORANTHENE	2.7 U	2.7 UJ	2.7 UJ	2.7 UJ	2.7 UJ	2.7 UJ	2.7 UJ
ACENAPHTHENE	1.5 U	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ
INDENOPYRENE	1.8 J	1.6 UJ	1.6 UJ	2.4 J	2.4 J	2.3 J	2.3 J





ASH REMEDIAL DESIGN  
SDG 75574  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN 75574 MW-32 ARD2029 SA 10 10 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 MW-27 ARD2030 SA 10 10 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 PT-15 ARD2031 SA 18.5 18.5 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75574 MW-47 ARD2032 SA 9.5 9.5 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 MW-47 ARD2032 SA 9.5 9.5 GROUND WATER 19-Oct-99
AMETER	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
er	1.7 U	1.7 U	6.1 J	1.7 U	1.7 U
ide	5. U	5. U	5. U	5. U	5. U
	1,490.	1,130.	4,410. J	14.7 U	14.7 U
esium	1. U	1.1 J	5.4	1. U	1. U
anese	14,000.	10,800.	22,100.	12,000.	13,500.
il	805.	102.	259.	9. U	4.
ry	.1 U	.1 U	.1 U	.1 U	.1 U
il	1.8 J	1.7 U	5.6 J	1.7 U	1.7 U
esium	3,390. J	2,640. J	3,460. J	992. J	1,300. J
esium	2.4 U	2.4 U	2.8 U	2.4 U	2.4 U
ium	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
um	21,100.	28,600.	27,600.	9,240.	26,500.
um	2.7 U	2.7 U	3.3 J	2.7 U	2.7 U
idium	1.5 U	1.5 U	4.5 J	1.5 U	1.5 U
idium	5.1 J	5.2 J	34.1	1.6 J	1.6 J

ASH REMEDIAL DESIGN  
SDG 75574  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:		REMEDIAL DESIGN 75574 MW-52D ARD2034 SA 50 50 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 FH-D ARD2036 SA 0 0 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 FH-S ARD2037 SA 0 0 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 BN-S ARD2038 SA 0 0 GROUND WATER 19-Oct-99
UNIT	VALUE	Q	Q	Q	Q
ANALYZER					
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	2	J	10	UJ	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	10	U	10	U	10
UG/L	2,350		10	U	10
UG/L	27	U	10	U	10
UG/L	19	U	10	U	10
UG/L	64.7	J	10	UJ	10
UG/L	2	U	10	U	10
UG/L	3	U	10	U	10
UG/L	5,920		10	U	10
UG/L	9	U	10	U	10
UG/L	2	U	10	U	10

SDG 75574  
VALIDATED DATA

PARAMETER	STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN 75574 MW-52D ARD2034 SA 50 50 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 FH-D ARD2036 SA 0 0 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 FH-S ARD2037 SA 0 0 GROUND WATER 19-Oct-99	REMEDIAL DESIGN 75574 BN-S ARD2038 SA 0 0 GROUND WATER 19-Oct-99
	UNIT	VALUE	VALUE	VALUE	VALUE
Mercury	UG/L	1.9 J			
Mercury	UG/L	5. U			
Mercury	UG/L	2,310.			
Mercury	UG/L	2.6 J			
Mercury	UG/L	2,180. J			
Mercury	UG/L	39.3			
Mercury	UG/L	1. U			
Mercury	UG/L	2.7 J			
Mercury	UG/L	1,570. J			
Mercury	UG/L	2.4 U			
Mercury	UG/L	1.6 U			
Mercury	UG/L	102,000.			
Mercury	UG/L	2.7 U			
Mercury	UG/L	3.3 J			
Mercury	UG/L	6.9 J			

REMEDIATION DESIGN  
SDG 75697  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	REMEDIAL DESIGN 75697 PT-15 ARD2031 SA 18.5 18.5 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75697 MW-56 ARD2035 SA 6 6 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75697 MW-57D ARD2039 SA 25 25 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75697 MW-36 ARD2040 SA 10 10 GROUND WATER 20-Oct-99	REMEDIAL DES
AMMETER	UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q
-Trichloroethane	UG/L	10. U	10. U	10. U	10. U
-2-Tetrachloroethane	UG/L	10. U	10. U	10. U	10. U
-Trichloroethane	UG/L	10. U	10. U	10. U	10. U
-Dichloroethane	UG/L	10. U	10. U	10. U	10. U
-Dichloroethane (total)	UG/L	10. U	10. U	10. U	10. U
-Dichloropropane	UG/L	10. U	10. U	10. U	10. U
-Benzene	UG/L	10. U	10. U	10. U	10. U
-Methylchloromethane	UG/L	10. U	10. U	10. U	10. U
-Methanol	UG/L	10. U	10. U	10. U	10. U
-Methanedisulfide	UG/L	10. U	10. U	10. U	10. U
-Methanetetrachloride	UG/L	10. U	10. U	10. U	10. U
-Methanobenzene	UG/L	10. U	10. U	10. U	10. U
-Methanodibromomethane	UG/L	10. U	10. U	10. U	10. U
-Methanochloroethane	UG/L	10. U	10. U	10. U	10. U
-Methanopropane	UG/L	10. U	10. U	10. U	10. U
-3-Dichloropropene	UG/L	10. U	10. U	10. U	10. U
-Benzene	UG/L	10. U	10. U	10. U	10. U
-Bromide	UG/L	10. U	10. U	10. U	10. U
-Butyl ketone	UG/L	10. UJ	10. UJ	10. UJ	10. UJ
-Chloride	UG/L	10. U	10. U	10. U	10. U
-Ethyl ketone	UG/L	10. UJ	10. UJ	10. UJ	10. UJ
-Isobutyl ketone	UG/L	10. UJ	10. UJ	10. UJ	10. UJ
-Methylene chloride	UG/L	10. U	10. U	10. U	10. U
-Methane	UG/L	10. U	10. U	10. U	10. U
-Methane	UG/L	10. U	10. U	10. U	10. U
-Xylenes	UG/L	10. U	10. U	10. U	10. U
-1,3-Dichloropropene	UG/L	10. U	10. U	10. U	10. U
-Dibromoethane	UG/L	10. U	10. U	10. U	10. U
-Dichloride	UG/L	10. U	10. U	10. U	10. U
-Dichloromethane	UG/L	2,600.	688.	688.	24. J
-Dichloromethane	UG/L	2.7 U	2.7 U	2.7 U	2.7 U
-Dichloromethane	UG/L	3. J	1.9 U	1.9 U	3.2 J
-Dichloromethane	UG/L	119. J	44.5 J	62.1 J	66.9 J
-Dichloromethane	UG/L	2. U	2. U	2. U	2. U
-Dichloromethane	UG/L	3. U	3. U	3. U	3. U
-Dichloromethane	UG/L	92,000.	104,000.	3,130. J	108,000.
-Dichloromethane	UG/L	5.6 J	.9 U	1.9 J	.93 J
-Dichloromethane	UG/L	8.4 J	2.5 U	2.5 U	2.5 U

ASH REMEDIAL DESIGN  
SDG 75697  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN 75697 PT-15 ARD2031 SA 18.5 18.5 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75697 MW-56 ARD2035 SA 6 6 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75697 MW-57D ARD2039 SA 25 25 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75697 MW-36 ARD2040 SA 10 10 GROUND WATER 20-Oct-99	REMEDIAL DES
AMETER	VALUE Q	VALUE Q	VALUE Q	VALUE Q	
per	6.1 J	1.7 U	1.7 U	1.7 U	
ide	5 U	5 U	5 U	5 U	
J	4,410 J	149 J	853 J	254 U	
nesium	5.4	1 U	1 U	1 U	
ganese	22,100	12,500	842 J	16,500	
ury	259	12.3 J	3.2 J	20.7	
el	1 U	1 U	1 U	1 U	
ssium	5.6 J	1.7 U	1.7 U	1.7 U	
ium	3,460 J	1,630 J	1,150 J	1,850 J	
er	2.8 U	2.4 U	2.4 U	2.4 U	
ium	1.6 U	1.6 U	1.6 U	1.6 U	
ium	27,600	18,800	133,000	32,600	
adium	3.3 J	2.9 U	2.9 U	2.9 U	
	4.5 J	1.5 U	1.5 U	1.5 U	
	34.1	3.7 J	7.1 J	4.2 J	

**ASH REMEDIAL DESIGN  
SDG 75697  
VALIDATED DATA**

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	REMEDIAL DESIGN 75697 MW-58D ARD2042 SA 48 48 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75697 MW-35D ARD2043 SA 44 44 GROUND WATER 20-Oct-99	REMEDIAL DESIGN 75697 MW-28 ARD2044 SA 9 9 GROUND WATER 21-Oct-99	REMEDIAL DESIGN 75697 PT-22 ARD2045 SA 11.3 11.3 GROUND WATER 21-Oct-99	REMEDIAL DESIGN 75697 PT-22 ARD2045 SA 11.3 11.3 GROUND WATER 21-Oct-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
AMETER	10. U	10. U	10. U	10. U	10. U
-Trichloroethane	10. U	10. U	10. U	10. U	10. U
-2-Tetrachloroethane	10. U	10. U	10. U	10. U	10. U
-Trichloroethane	10. U	10. U	10. U	10. U	10. U
Dichloroethane	10. U	10. U	10. U	10. U	10. U
Dichloroethene	10. U	10. U	10. U	10. U	10. U
Dichloroethane	10. U	10. U	10. U	10. U	10. U
Dichloroethene (total)	10. U	10. U	19.	88.	4. J
Dichloropropane	10. UJ	10. UJ	10. U	10. U	10. U
ene	10. U	10. UJ	10. UJ	10. UJ	10. UJ
ene	10. U	10. U	10. U	10. U	10. U
odichloromethane	10. U	10. U	10. U	10. U	10. U
oform	10. U	10. U	10. U	10. U	10. U
on disulfide	10. U	10. U	10. U	10. U	10. U
on tetrachloride	10. U	10. U	10. U	10. U	10. U
robenzene	10. U	10. U	10. U	10. U	10. U
rodibromomethane	10. U	10. U	10. U	10. U	10. U
roethane	10. U	10. U	10. U	10. U	10. U
roform	10. U	10. U	10. U	10. U	10. U
-3-Dichloropropene	10. U	10. U	10. U	10. U	10. U
benzene	10. U	10. U	10. U	10. U	10. U
yl bromide	10. U	10. U	10. U	10. U	10. U
yl butyl ketone	10. UJ	10. UJ	10. U	10. U	10. U
yl chloride	10. U	10. U	10. U	10. U	10. U
yl ethyl ketone	10. UJ	10. UJ	10. U	10. U	10. U
yl isobutyl ketone	10. UJ	10. UJ	10. U	10. U	10. U
ylene chloride	10. U	10. U	10. U	10. U	10. U
ene	10. U	10. U	10. U	10. U	10. U
chloroethene	10. U	10. U	10. U	10. U	10. U
ene	10. U	10. U	10. U	10. U	10. U
Xylenes	10. U	10. U	10. U	10. U	10. U
s-1,3-Dichloropropene	10. U	10. U	10. U	10. U	10. U
chloroethene	10. U	10. U	21.	74.	10. U
chloride	10. U	10. U	10. U	10. U	10. U
inimum	2,400.	42. J	21.1 J	30.3 J	10. U
mony	2.7 U	2.7 U	2.7 U	2.7 U	10. U
onic	1.9 U	3.6 J	1.9 U	1.9 U	10. U
um	69.1 J	102. J	43.8 J	77.5 J	10. U
ilium	.2 U	.2 U	.2 U	.2 U	10. U
mium	.3 U	.3 U	.3 U	.3 U	10. U
ium	4,110. J	19,400.	112,000.	236,000.	191,000.
mium	4.5 J	9. U	9. U	9. U	10. U
alt	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

ASH REMEDIAL DESIGN  
SDG 75697  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG: LOC ID: SAMP_ID:	75697 MW-58D ARD2042	75697 MW-35D ARD2043	75697 MW-28 ARD2044	75697 MW-28 ARD2044	75697 PT-22 ARD2045	75697 PT-22 ARD2045
FIELD QC CODE:	SA	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	48	44	44	9	11.3	11.3
SAMP. DEPTH BOT:	48	44	44	9	11.3	11.3
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP. DATE:	20-Oct-99	20-Oct-99	21-Oct-99	21-Oct-99	21-Oct-99	21-Oct-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
Mercury	2.2 J	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Lead	5. U	5. U	5. U	5. U	5. U	5. U
Chromium	3,200. J	66.9 J	28.8 J	28.8 J	58.4 J	58.4 J
Vanadium	1.9 J	1. U	1. U	1. U	1. U	1. U
Barium	1,350. J	6,010. J	12,100. J	12,100. J	28,500. J	28,500. J
Cadmium	35.3	37.6	1.3 J	1.3 J	37.1	37.1
Copper	1. U	1. U	1. U	1. U	1. U	1. U
Iron	3.4 J	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Manganese	1,740. J	1,820. J	1,220. J	1,220. J	1,990. J	1,990. J
Nickel	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Selenium	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Zinc	142,000. J	95,900. J	8,770. J	8,770. J	59,400. J	59,400. J
Chloride	2.9 U	2.9 U	4.4 J	4.4 J	3.9 J	3.9 J
Fluoride	4.1 J	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Ammonium	8.9 J	3.7 J	2.1 J	2.1 J	5.3 J	5.3 J





ASH REMEDIAL DESIGN  
SDG 75697  
VALIDATED DATA

PARAMETER	STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	REMEDIAL DESIGN 75697 MW-12A ARD2047 SA 11 11 GROUND WATER 21-Oct-99	REMEDIAL DESIGN 75697 PT-18 ARD2048 SA 11.1 11.1 GROUND WATER 21-Oct-99	REMEDIAL DESIGN 75697 MW-43 ARD2049 SA 7 7 GROUND WATER 22-Oct-99	REMEDIAL DESIGN 75697 MW-44A ARD2050 SA 12 12 GROUND WATER 22-Oct-99	REMEDIAL DESIGN 75697 MW-44A ARD2050 SA 12 12 GROUND WATER 22-Oct-99
AMETER	UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
per	UG/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
nide	UG/L	5 U	5 U	5 U	5 U	5 U
	UG/L	155 J	199 J	57.2 J	82.6 J	82.6 J
	UG/L	1.2 U	1.2 U	1 U	1 U	1 U
nesium	UG/L	38,400	27,900	9,700	43,400	43,400
ganese	UG/L	528	471	4 U	1,250	1,250
cury	UG/L	.1 U	.16 J	.1 U	.1 U	.1 U
el	UG/L	1.7 U	1.8 J	1.7 U	1.7 U	1.7 U
assium	UG/L	6,100	4,470 J	1,140 J	18,400	18,400
mium	UG/L	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
ar	UG/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
ium	UG/L	74,000	58,600	13,200	78,100	78,100
lithium	UG/L	2.9 U	4.2 J	4.6 J	8.3 J	8.3 J
adium	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
	UG/L	6.5 J	134	2.6 J	5.3 J	5.3 J

ASH REMEDIAL DESIGN  
SDG 75697  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	75697 MW-45 ARD2054 SA 7.8 7.8 GROUND WATER 22-Oct-99	75697 MW-53 ARD2055 SA 11.5 11.5 GROUND WATER 22-Oct-99	75697 MW-29 ARD2056 SA 11 11 GROUND WATER 22-Oct-99	75697 PT-26 ARD2057 SA 13.5 13.5 GROUND WATER 27-Oct-99	
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
1-Trichloroethane	10. U	10. U	10. U	10. U	10. U
2,2-Tetrachloroethane	10. U	10. U	10. U	10. U	10. U
1,2-Trichloroethane	10. U	10. U	10. U	10. U	10. U
Dichloroethane	10. U	10. U	10. U	10. U	10. U
Dichloroethene	10. U	10. U	10. U	10. U	10. U
Dichloroethane	10. U	10. U	10. U	10. U	10. U
Dichloroethene (total)	10. U	15.	110.	10. U	10. U
Dichloropropane	10. U	10. U	10. U	10. U	10. U
one	10. UJ	10. UJ	10. UJ	10. UJ	10. UJ
ene	10. U	10. U	10. U	10. U	10. U
monochloromethane	10. U	10. U	10. U	10. U	10. U
monofrom	10. U	10. U	10. U	10. U	10. U
mon disulfide	10. U	10. U	10. U	10. U	10. U
non tetrachloride	10. U	10. U	10. U	10. U	10. U
robenzene	10. U	10. U	10. U	10. U	10. U
rodibromomethane	10. U	10. U	10. U	10. U	10. U
roethane	10. U	10. U	10. U	10. U	10. U
roform	10. U	10. U	10. U	10. U	10. U
1,3-Dichloropropene	10. U	10. U	10. U	10. U	10. U
benzene	10. U	10. U	10. U	10. U	10. U
yl bromide	10. U	10. U	10. U	10. U	10. U
yl butyl ketone	10. U	10. U	10. U	10. U	10. U
yl chloride	10. U	10. U	10. U	10. U	10. U
yl ethyl ketone	10. U	10. U	10. U	10. U	10. UJ
yl isobutyl ketone	10. U	10. U	10. U	10. U	10. U
ylene chloride	10. U	10. U	10. U	10. U	10. U
ene	10. U	10. U	10. U	10. U	10. U
achloroethane	10. U	10. U	10. U	10. U	10. U
ene	10. U	10. U	10. U	10. U	10. U
yl Xylenes	10. U	10. U	10. U	10. U	10. U
is-1,3-Dichloropropene	10. U	10. U	10. U	10. U	10. U
chloroethane	10. U	2. J	3. J	10. U	10. U
chloride	10. U	10. U	10. U	10. U	10. U
chlorum	14.7 J	14.3 U	173. J	96.2 J	
mony	2.7 U	2.7 U	2.7 U	2.7 U	
nic	1.9 U	3.9 J	1.9 U	1.9 U	
um	44.5 J	71. J	67.9 J	58.2 J	
ilium	2. U	2. U	2. U	2. U	
mium	3. U	3. U	3. U	3. U	
ium	100,000.	165,000.	164,000.	36,900.	
mium	9. U	9. U	9. U	1.2 J	
mium salt	2.5 U	2.5 U	2.5 U	2.5 U	

ASH REMEDIAL DESIGN  
SDG 75697  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG:	75697	75697	75697	75697	75697
LOC ID:	MW-45	MW-53	MW-29	PT-26	PT-26
SAMP_ID:	ARD2054	ARD2055	ARD2056	ARD2057	ARD2057
FIELD QC CODE:	SA	SA	SA	SA	SA
SAMP_DEPTH TOP:	7.8	11.5	11	13.5	13.5
SAMP_DEPTH BOT:	7.8	11.5	11	13.5	13.5
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP_DATE:	22-Oct-99	22-Oct-99	22-Oct-99	27-Oct-99	27-Oct-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
UG/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	5 U	5 U	5 U	5 U	5 U
UG/L	25.4 U	25.4 U	442 J	191 J	191 J
UG/L	1 U	1 U	1 U	1 U	1 U
UG/L	11,000 J	20,100 J	18,900 J	14,000 J	14,000 J
UG/L	.44 J	.4 U	2.6 J	82.2 J	82.2 J
UG/L	1 U	1 U	1 U	1 U	1 U
UG/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	1,050 J	1,690 J	1,680 J	2,680 J	2,680 J
UG/L	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
UG/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
UG/L	7,400 J	24,100 J	22,900 J	91,100 J	91,100 J
UG/L	2.9 U	2.9 U	2.9 U	5.5 J	5.5 J
UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
UG/L	3.3 J	2.5 J	2.5 J	2.5 J	2.8 J

**Ash Remedial Design Groundwater Chemical Data – January 2000**



ASH REMEDIAL DESIGN  
SDG 76564  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG: 76564	76564	76564	76564	76564	76564	76564	76564
LOC ID: MW-41D	PT-10	MW-39	MW-43	MW-50	MW-59	MW-59	MW-59
SAMP_ID: ARD2100	ARD2101	ARD2102	ARD2103	ARD2104	ARD2105	ARD2105	ARD2105
FIELD QC CODE: SA	SA	SA	SA	SA	SA	SA	SA
SAMP_DEPTH TOP: 32	40	9.5	6.5	8	7	7	7
SAMP_DEPTH BOT: 32	40	9.5	6.5	8	7	7	7
MATRIX: GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP_DATE: 6-Jan-00	6-Jan-00	6-Jan-00	6-Jan-00	7-Jan-00	7-Jan-00	7-Jan-00	7-Jan-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
UG/L	2.1 J	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	3,230 J	2,160 J	420 J	850 J	1,470 J	1,470 J	1,470 J
UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
UG/L	1 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
UG/L	50,400	7,400	9,980	16,400	29,700	29,700	29,700
UG/L	32 U	32 U	32 U	32 U	32 U	32 U	32 U
UG/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
UG/L	9.4 J	11.2 J	4.1 J	5.1 J	6.1 J	6.1 J	6.1 J





ASH REMEDIAL DESIGN  
SDG 76564  
VALIDATED DATA

STUDY ID: SDG:	REMEDIAL DESIGN 76564	REMEDIAL DESIGN 76564	REMEDIAL DESIGN 76564	REMEDIAL DESIGN 76564	REMEDIAL DESIGN 76564	REMEDIAL DESIGN 76564	REMEDIAL DESIGN 76564
LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX:	PT-11 ARD2107 SA 18 18 GROUND WATER	PT-11 ARD2108 SA 12 12 GROUND WATER	MW-42D ARD2109 SA 38 38 GROUND WATER	PT-19 ARD2110 SA 8.5 8.5 GROUND WATER	PT-19 ARD2110 SA 8.5 8.5 GROUND WATER	PT-19 ARD2110 SA 8.5 8.5 GROUND WATER	PT-19 ARD2110 SA 8.5 8.5 GROUND WATER
SAMP. DATE:	7-Jan-00	7-Jan-00	7-Jan-00	8-Jan-00	8-Jan-00	8-Jan-00	8-Jan-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
UG/L	4.6 JJ	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	2,520. B	1,340. J	1,860. J	1,800. J	1,280. J	1,280. J	706. J
UG/L	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
UG/L	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
UG/L	32,200.	13,800.	15,800.	20,700.	6,680.	6,680.	7,060.
UG/L	3.6 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
UG/L	2 J	1.6 U	1.5 U	1.8 U	1.8 U	1.8 U	1.8 U
UG/L	13.8 UJ	9.1 J	3.2 J	8. J	4. J	4. J	4.5 J



ASH REMEDIAL DESIGN  
SDG 76564  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG: 76564	76564	76564	76564	76564	76564	76564	76564
LOC ID: MW-46	MW-31	MW-31	MW-30	MW-30	MW-30	MW-30	MW-30
SAMP ID: ARD2113	ARD2114	ARD2114	ARD2115	ARD2115	ARD2115MS	ARD2115MSD	ARD2116
FIELD QC CODE: SA	SA	SA	SA	SA	SA	SA	SA
SAMP DEPTH TOP: 9.5	8.5	8.5	8.5	8.5	8.5	8.5	10
SAMP DEPTH BOT: 9.5	8.5	8.5	8.5	8.5	8.5	8.5	10
MATRIX: GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP DATE: 8-Jan-00	9-Jan-00	9-Jan-00	9-Jan-00	9-Jan-00	9-Jan-00	9-Jan-00	9-Jan-00
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
UG/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	730 J	1,210 J	1,830 J	1,830 J	1,830 J	626 J	626 J
UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
UG/L	10,500	11,400	11,400	12,300	12,300	10,100	10,100
UG/L	3.2 U	3.6 U	3.6 U	6.2 J	6.2 J	3.2 U	3.2 U
UG/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
UG/L	3.8 J	6.4 J	6.4 J	5 J	5 J	4 J	4 J



ASH REMEDIAL DESIGN  
SDG 76564  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG:	76564	76564	76564	76564	76564
LOC ID:	MW-34	MW-33	MW-32	MW-30	
SAMP ID:	ARDZ117	ARDZ118	ARDZ119	ARDZ129	
FIELD GC CODE:	SA	SA	SA	DU	
SAMP. DEPTH TOP:	15	8.5	8.5	8.5	
SAMP. DEPTH BOT:	15	8.5	8.5	8.5	
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	
SAMP. DATE:	9-Jan-00	9-Jan-00	9-Jan-00	9-Jan-00	
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
UG/L	1 U	1 U	1 U	1 U	1 U
UG/L	1.8 J	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	1,730 J	630 J	1,960 J	1,930 J	1,930 J
UG/L	2.5 U	2.5 U	2.5 U	3 J	3 J
UG/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
UG/L	41,200	15,800	18,100	13,200	13,200
UG/L	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
UG/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
UG/L	19.1 J	4.6 J	5.1 J	4.3 J	4.3 J



ASH REMEDIAL DESIGN  
SDG 76583  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG:	76583	76583	76583	76583	76583	76583	76583
LOC ID:	MW-37	PT-16	PT-23	MW-36	MW-36	MW-36	MW-36
SAMP ID:	ARD2120	ARD2121	ARD2123	ARD2122	ARD2124	ARD2124	ARD2124
FIELD QC CODE:	SA	DU	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	11.5	9	10.8	20	12	12	9
SAMP. DEPTH BOT:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP. DATE:	10-Jan-00	10-Jan-00	10-Jan-00	10-Jan-00	11-Jan-00	10-Jan-00	10-Jan-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
UG/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	895 J	712 J	574 J	7 990	1 250 J	822 J	822 J
UG/L	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
UG/L	1.3 UJ	1.3 UJ	1.3 UJ	1.3 J	1.3 UJ	1.3 UJ	1.3 UJ
UG/L	10 400 J	5 900 J	5 950 J	6 750 J	28 300 J	6 010 J	6 010 J
UG/L	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ
UG/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
UG/L	13.8 J	3.1 J	5. J	7.5 J	5.4 J	4. J	4. J





ASH REMEDIAL DESIGN  
SDG 76583  
VALIDATED DATA

STUDY ID:	76583	NONE	REMEDIAL DESIGN	76583	REMEDIAL DESIGN	76583	REMEDIAL DESIGN	76583	REMEDIAL DESIGN
SDG:	76583	NONE	76583	76583	76583	76583	76583	76583	76583
LOC ID:	NONE	NONE	MW-58D	MW-58D	MW-56	MW-57D	MW-56	MW-57D	MW-57D
SAMP_ID:	ARD2129MS	ARD2129MSD	ARD2127	ARD2128	ARD2130	ARD2131	ARD2130	ARD2131	ARD2131
FIELD QC CODE:	NONE	NONE	SA	SA	SA	SA	SA	SA	SA
SAMP_DEPTH TOP:	NONE	NONE	45	48	6	25	6	25	25
SAMP_DEPTH BOT:	NONE	NONE	45	48	6	25	6	25	25
MATRIX:	NONE	NONE	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP_DATE:	11-Jan-00	11-Jan-00	11-Jan-00	11-Jan-00	11-Jan-00	11-Jan-00	11-Jan-00	11-Jan-00	11-Jan-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
UG/L	1.7 U	1.7 U	5.2 J	5.2 J	6.2 J	1.7 U	6.2 J	1.7 U	1.7 U
UG/L	1,650. J	1,650. J	1,900. J	1,900. J	3,530. J	1,100. J	3,530. J	1,100. J	1,100. J
UG/L	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
UG/L	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
UG/L	107,000.	107,000.	175,000.	175,000.	13,200.	164,000.	13,200.	164,000.	164,000.
UG/L	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
UG/L	1.8 U	1.8 U	5.5 J	5.5 J	10.8 J	1.8 U	10.8 J	1.8 U	1.8 U
UG/L	6.4 J	6.4 J	15.1 J	15.1 J	28.4	7.7 J	28.4	7.7 J	7.7 J

ASH REMEDIAL DESIGN  
SDG 76583  
VALIDATED DATA

UNIT	STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
	SDG:	76583	76583	76583	76583	76583	76583	76583	76583	76583	76583	76583	76583
	LOC ID:	MW-27	PT-15	MW-48D	MW-50D	MW-54D	MW-55D	MW-54D	MW-54D	MW-54D	MW-54D	MW-54D	MW-54D
	SAMP ID:	ARD2132	ARD2133	ARD2134	ARD2135	ARD2137	ARD2136	ARD2135	ARD2136	ARD2135	ARD2136	ARD2135	ARD2137
	FIELD QC CODE:	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA
	SAMP. DEPTH TOP:	10	0	26	26	25	50	50	50	50	50	50	25
	SAMP. DEPTH BOT:	10	0	26	26	25	50	50	50	50	50	50	25
	MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
	SAMP. DATE:	10-Jan-00	11-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00
	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
ETHER	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
chloroethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
tetrachloroethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
chloroethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
proethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
chlorobenzene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
m-3-chloropropene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
moethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
probenzene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
proethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
propropane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
probenzene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
probenzene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
UG/L	UG/L	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
chloromethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
chloromethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
m	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
isulfide	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
tetrachloride	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
zene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
romomethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
ane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
m	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
chloroethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
chloroethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
chloroethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
zene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
amide	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
nyl ketone	UG/L	5	5	5	5	5	5	5	5	5	5	5	5
loride	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
hyl ketone	UG/L	5	5	5	5	5	5	5	5	5	5	5	5
obutyl ketone	UG/L	5	5	5	5	5	5	5	5	5	5	5	5
e chloride	UG/L	2	2	2	2	2	2	2	2	2	2	2	2
UG/L	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
roethane	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
UG/L	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
enes	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
-Dichloroethene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
-Dichloropropene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
ethene	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
UG/L	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
UG/L	UG/L	4	4	4	4	4	4	4	4	4	4	4	4
UG/L	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
UG/L	UG/L	443	133	32.6	158	1410	35.6	35.6	35.6	35.6	35.6	35.6	35.6
UG/L	UG/L	2	2	2	2	2	2	2	2	2	2	2	2
UG/L	UG/L	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
UG/L	UG/L	40.6	79.8	133	119	73.7	130	130	130	130	130	130	130
UG/L	UG/L	2	2	2	2	2	2	2	2	2	2	2	2
UG/L	UG/L	92,900	75,700	93,100	54,100	2,960	86,200	86,200	86,200	86,200	86,200	86,200	86,200
UG/L	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
UG/L	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
UG/L	UG/L	1	1	1	1	1	1	1	1	1	1	1	1
UG/L	UG/L	10	10	10	10	10	10	10	10	10	10	10	10
UG/L	UG/L	347	188	418	150	1,070	151	151	151	151	151	151	151
UG/L	UG/L	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
UG/L	UG/L	8,330	18,000	24,400	25,400	915	26,000	26,000	26,000	26,000	26,000	26,000	26,000
UG/L	UG/L	24	9.8	99.4	79.2	28.9	161	161	161	161	161	161	161

ASH REMEDIAL DESIGN  
SDG 76583  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG:	76583	76583	76583	76583	76583	76583	76583	76583	76583
LOC ID:	MW-27	PT-15	MW-49D	MW-50D	MW-55D	MW-54D	MW-54D	MW-54D	MW-54D
SAMP ID:	ARD2132	ARD2133	ARD2134	ARD2135	ARD2136	ARD2137	ARD2137	ARD2137	ARD2137
FIELD QC CODE:	SA	SA	SA	SA	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	10	0	26	50	50	50	50	50	50
SAMP. DEPTH BOT:	10	0	26	50	50	50	50	50	50
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP. DATE:	10-Jan-00	11-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00	18-Jan-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
UG/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
UG/L	1,610 J	1,940 J	1,860 J	2,360 J	2,250 J	2,430 J	2,430 J	2,430 J	2,430 J
UG/L	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
UG/L	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ
UG/L	26,500	19,600	8,970	19,600	102,000	22,900	22,900	22,900	22,900
UG/L	3.2 UJ	3.2 UJ	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
UG/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
UG/L	7.9 J	6.1 J	4.5 J	10. J	18.2 J	3.9 J	3.9 J	3.9 J	3.9 J



ASH REMEDIAL DESIGN  
SDG 76583  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG:	76583	76583	76583	76583	76583
LOC ID:	PT-26	FH-S	FH-D	BN-S	
SAMP ID:	ARD2138	ARD2139	ARD2140	ARD2141	
FIELD QC CODE:	SA	SA	SA	SA	
SAMP. DEPTH TOP:	13.5	0	0	0	
SAMP. DEPTH BOT:	13.5	0	0	0	
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	
SAMP. DATE:	29-Jan-00	19-Jan-00	19-Jan-00	19-Jan-00	
METER	UNIT	VALUE	Q	VALUE	Q
	UG/L	1	U		
	UG/L	1.7	U		
um	UG/L	1,850	J		
m	UG/L	2.2	U		
	UG/L	1.3	UJ		
n	UG/L	38,400			
um	UG/L	3.2	U		
	UG/L	1.8	U		
	UG/L	5.1	J		
					VALUE
					Q

**ASH REMEDIAL DESIGN  
SDG 76688  
VALIDATED DATA**

STUDY ID: SDG:	REMEDIAL DESIGN 76688	REMEDIAL DESIGN 76688	REMEDIAL DESIGN 76688	REMEDIAL DESIGN 76688	REMEDIAL DESIGN 76688	REMEDIAL DESIGN 76688	REMEDIAL DESIGN 76688	REMEDIAL DESIGN 76688	NONE 76688
LOC ID:	MW-51D	MW-52D	PT-24	MW-53					
SAMP. ID:	ARD2142	ARD2143	ARD2144	ARD2145					ARD2145MS
FIELD OC CODE:	SA	SA	SA	SA					NONE
SAMP. DEPTH TOP:	28	50	10.4	9					NONE
SAMP. DEPTH BOT:	28	50	10.4	9					NONE
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER					NONE
SAMP. DATE:	18-Jan-00	18-Jan-00	20-Jan-00	20-Jan-00					NONE
UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE
AMETER	1	U	1	U	1	U	1	U	1
1-Trichloroethane	1	U	1	U	1	U	1	U	1
2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1
2-Trichloroethane	1	U	1	U	1	U	1	U	4
Dichloroethane	1	U	1	U	1	U	1	U	1
Dichloroethene	1	U	1	U	1	U	1	U	1
1,1-Trichlorobenzene	1	U	1	U	1	U	1	U	4
Dibromo-3-chloropropane	1	U	1	U	1	U	1	U	1
Dibromoethane	1	U	1	U	1	U	1	U	1
Dichlorobenzene	1	U	1	U	1	U	1	U	4
Dichloroethane	1	U	1	U	1	U	1	U	1
Dichloropropane	1	U	1	U	1	U	1	U	5
Dichlorobenzene	1	U	1	U	1	U	1	U	5
Dichlorobenzene	1	U	1	U	1	U	1	U	1
Dichlorobenzene	1	U	1	U	1	U	1	U	1
lone	5	UJ	5	UJ	5	UJ	5	UJ	5
zene	1	U	1	U	1	U	1	U	4
nochloromethane	1	U	1	U	1	U	1	U	1
modichloromethane	1	U	1	U	1	U	1	U	1
noform	1	U	1	U	1	U	1	U	1
mon disulfide	1	U	1	U	1	U	1	U	4
mon tetrachloride	1	U	1	U	1	U	1	U	1
robenzene	1	U	1	U	1	U	1	U	4
rodibromomethane	1	U	1	U	1	U	1	U	1
roethane	1	U	1	U	1	U	1	U	1
roform	1	U	1	U	1	U	1	U	1
1,2-Dichloroethene	1	U	1	U	1	U	1	U	1
1,3-Dichloropropene	1	U	1	U	1	U	1	U	1
ri benzene	1	U	1	U	1	U	1	U	1
nyl bromide	1	U	1	U	1	U	1	U	22
nyl butyl ketone	5	U	5	UJ	5	UJ	5	UJ	4
nyl chloride	1	U	1	U	1	U	1	U	1
nyl ethyl ketone	5	U	5	U	5	U	5	U	1
nyl isobutyl ketone	5	U	5	U	5	U	5	U	5
nylene chloride	2	U	2	U	2	U	2	U	2
ne	1	U	1	U	1	U	1	U	1
nachloroethene	1	U	1	U	1	U	1	U	5
nene	1	U	1	U	1	U	1	U	1
n Xylenes	1	U	1	U	1	U	1	U	1
ns-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1
ns-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1
chloroethene	1	U	1	U	1	U	1	U	1
l chloride	1	U	1	U	1	U	1	U	7
luminum	34.4	UJ	34.4	UJ	34.4	UJ	34.4	UJ	1
mony	2.2	U	2.2	U	2.2	U	2.2	U	6

ASH REMEDIAL DESIGN  
SDG 76688  
VALIDATED DATA

AMETER	STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	VALUE Q	UNIT
	SDG: 76688	76688	76688	76688	76688	76688	76688	76688	VALUE Q	UNIT
	LOC ID: MW-51D	MW-52D	MW-52D	PT-24	PT-24	PT-24	PT-24	PT-24	3.1 J	2.5 U
	SAMP_ID: ARD2142	ARD2143	ARD2143	ARD2144	ARD2144	ARD2144	ARD2144	ARD2144	31.1 J	58.9 J
	FIELD QC CODE: SA	SA	SA	SA	SA	SA	SA	SA	.1 U	.1 U
	SAMP_DEPTH TOP: 28	28	50	10.4	10.4	10.4	10.4	10.4	.2 U	.2 U
	SAMP_DEPTH BOT: 28	28	50	10.4	10.4	10.4	10.4	10.4	1.0 U	1.0 U
	MATRIX: GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	1.0 U	1.0 U
	SAMP_DATE: 19-Jan-00	19-Jan-00	18-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20.3 U	20.3 U
AMETER		VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	1.0 U	1.0 U
Ammoniac	UGL	2.9 J	4.5 J	3.1 J	3.1 J	3.1 J	3.1 J	3.1 J	1.0 U	1.0 U
Ammonium	UGL	90.2 J	72.5 J	31.1 J	31.1 J	31.1 J	31.1 J	31.1 J	1.0 U	1.0 U
Barium	UGL	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	144,000.	1.0 U
Bismuth	UGL	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	17,800.	1.0 U
Boron	UGL	86,700.	5,900.	91,400.	91,400.	91,400.	91,400.	91,400.	2.1 J	2.1 J
Bromine	UGL	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	UGL	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.0 U	1.0 U
Chloride	UGL	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.0 U	1.0 U
Chromium	UGL	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.0 U	1.0 U
Copper	UGL	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.0 U	1.0 U
Cyanide	UGL	43.5 J	1,980. J	20.3 U	20.3 U	20.3 U	20.3 U	20.3 U	1.0 U	1.0 U
Fluoride	UGL	1.0 U	1.3 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	17,800.	1.0 U
Iron	UGL	13,900.	2,150. J	9,800.	9,800.	9,800.	9,800.	9,800.	2.1 J	2.1 J
Magnesium	UGL	17.4	48.1	188.	188.	188.	188.	188.	1.0 U	1.0 U
Manganese	UGL	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	1.0 U	1.0 U
Nickel	UGL	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.0 U	1.0 U
Nitrate	UGL	1,100. J	1,280. J	753. J	753. J	753. J	753. J	753. J	971. J	971. J
Nitrite	UGL	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Nitrogen	UGL	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	2.2 U	2.2 U
Phosphorus	UGL	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Selenium	UGL	27,100.	161,000. J	12,000. U	12,000. U	12,000. U	12,000. U	12,000. U	1.3 UJ	1.3 UJ
Silver	UGL	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	22,900. U	22,900. U
Sulfate	UGL	1.8 U	2.6 J	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3.2 UJ	3.2 UJ
Sulfur	UGL	1.8 U	2.6 J	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Titanium	UGL	3.2 J	7.5 J	4.7 J	4.7 J	4.7 J	4.7 J	4.7 J	1.8 U	1.8 U
Zinc	UGL	3.2 J	7.5 J	4.7 J	4.7 J	4.7 J	4.7 J	4.7 J	4.5 J	4.5 J

ASH REMEDIAL DESIGN  
SDG 76688  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG:	76688	76688	76688	76688	76688	76688	76688	76688	76688	76688
LOC ID:		MW-28	MW-53	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29
SAMP_ID:	ARD2145MSD	ARD2146	ARD2147	ARD2148	ARD2148	ARD2148	ARD2148	ARD2148	ARD2148	ARD2148
FIELD QC CODE:	NONE	SA	DU	DU	SA	SA	SA	SA	SA	SA
SAMP_DEPTH TOP:	NONE	8.5	9	9	9	9	9	9	9	9
SAMP_DEPTH BOT:	NONE	8.5	9	9	9	9	9	9	9	9
MATRIX:	NONE									
SAMP_DATE:		20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00
UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
METER										
Trichloroethane	1	U	1	U	1	U	1	U	1	U
1,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
Trichloroethane	5		1	U	1	U	1	U	1	U
chloroethane	1	U	1	U	1	U	1	U	1	U
chloroethane	1	U	1	U	1	U	1	U	1	U
Trichlorobenzene	5		1	U	1	U	1	U	1	U
bromo-3-chloropropane	1	U	1	U	1	U	1	U	1	U
bromoethane	4		1	U	1	U	1	U	1	U
chlorobenzene	1	U	1	U	1	U	1	U	1	U
chlorobenzene	5		1	U	1	U	1	U	1	U
chloropropane	5		1	U	1	U	1	U	1	U
chlorobenzene	4		1	U	1	U	1	U	1	U
chlorobenzene	4		1	U	1	U	1	U	1	U
chlorobenzene	5	U	5	R	5	R	5	R	5	R
chlorobenzene	5	U	1	U	1	U	1	U	1	U
chlorobenzene	5	U	1	U	1	U	1	U	1	U
ene	1	U	1	U	1	U	1	U	1	U
chloromethane	1	U	1	U	1	U	1	U	1	U
1,1-dichloroethane	1	U	1	U	1	U	1	U	1	U
form	4		1	U	1	U	1	U	1	U
in disulfide	1	U	1	U	1	U	1	U	1	U
n tetrachloride	4		1	U	1	U	1	U	1	U
benzene	1	U	1	U	1	U	1	U	1	U
1,1-dibromomethane	1	U	1	U	1	U	1	U	1	U
ethane	1	U	1	U	1	U	1	U	1	U
form	1	U	1	U	1	U	1	U	1	U
2-Dichloroethene	22		19		19		22		19	
3-Dichloropropene	4		1	U	1	U	1	U	1	U
benzene	1	U	1	U	1	U	1	U	1	U
benzene	1	U	1	U	1	U	1	U	1	U
bromide	1	U	1	U	1	U	1	U	1	U
butyl ketone	5	U	5	U	5	U	5	U	5	U
chloride	1	U	1	U	1	U	1	U	1	U
ethyl ketone	5	U	5	U	5	U	5	U	5	U
isobutyl ketone	5	U	5	U	5	U	5	U	5	U
ketone	2	U	2	U	2	U	2	U	2	U
ethylene chloride	1	U	1	U	1	U	1	U	1	U
ene	1	U	1	U	1	U	1	U	1	U
chloroethene	5		1	U	1	U	1	U	1	U
ene	1	U	1	U	1	U	1	U	1	U
Xylenes	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
chloroethene	7		20		2		2		5	J
chloride	7		1	U	1	U	1	U	1	U
num	123	J	34.4	J	98	J	34.4	J	98	J
only	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U



ASH REMEDIAL DESIGN  
SDG 76688  
VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN:	REMEDIAL DESIGN:	REMEDIAL DESIGN:	REMEDIAL DESIGN:	REMEDIAL DESIGN:	REMEDIAL DESIGN:
SDG: 76688	76688	76688	76688	76688	76688	76688
LOC ID:	MW-28	MW-53	MW-29	MW-29	MW-29	MW-29
SAMP_ID:	ARD2146	ARD2147	ARD2148	ARD2148	ARD2148	ARD2148
FIELD QC CODE:	SA	DU	SA	SA	SA	SA
SAMP_DEPTH TOP:	8.5	9	9.5	9.5	9.5	10
SAMP_DEPTH BOT:	8.5	9	9.5	9.5	9.5	10
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP_DATE:	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00	20-Jan-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UGL	2.5 U	2.5 U	4.1 J	4.1 J	2.7	2.7
UGL	45.1 J	59.4 J	64.1 J	64.1 J	54.6	54.6
UGL	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
UGL	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U
UGL	126,000.	145,000.	173,000.	173,000.	123,000.	123,000.
UGL	1. U	1. U	1. U	1. U	1. U	1. U
UGL	1.3 U	1.3 U	1.3 U	1.3 U	1.3	1.3
UGL	1.9 U	1.9 U	5.2 J	5.2 J	2.6	2.6
UGL	10. U	10. U	10. U	10. U	10. U	10. U
UGL	150.	20.3 U	98.6 J	98.6 J	20.3	20.3
UGL	1. U	1. U	1. U	1. U	1. U	1. U
UGL	13,500.	18,800.	20,800.	20,800.	12,100.	12,100.
UGL	4.6 J	2.2 J	7.6 J	7.6 J	2.2	2.2
UGL	.1 U	.1 U	.1 U	.1 U	.1	.1
UGL	1.7 U	1.7 U	1.7 U	1.7 U	1.7	1.7
UGL	607. J	951. J	594. J	594. J	690.	690.
UGL	2.2 U	2.2 U	2.2 U	2.2 U	2.2	2.2
UGL	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3	1.3
UGL	6,210. U	23,200.	20,900. J	20,900. J	24,100.	24,100.
UGL	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2	3.2
UGL	1.8 U	1.8 U	1.8 U	1.8 U	1.8	1.8
UGL	3.9 J	3.6 J	5.2 J	5.2 J	4.1	4.1



ASH REMEDIAL DESIGN  
SDG 76688

VALIDATED DATA

STUDY ID:	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN	REMEDIAL DESIGN
SDG:	76688	76688	76688	76688	76688	76688	76688	76688	76688
LOC ID:	PT-21A	PT-22	MM-12A	PT-20	PT-18	PT-20	PT-18	PT-20	PT-18
SAMP ID:	ARD2150	ARD2151	ARD2151	ARD2151	ARD2152	ARD2153	ARD2154	ARD2153	ARD2154
FIELD QC CODE:	SA	SA	SA	SA	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	17.5	11.3	11.3	12	12	9.5	10	9.5	10
SAMP. DEPTH BOT:	17.5	11.3	11.3	12	12	9.5	10	9.5	10
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP. DATE:	21-Jan-00	21-Jan-00	21-Jan-00	21-Jan-00	21-Jan-00	21-Jan-00	21-Jan-00	21-Jan-00	21-Jan-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UGL	2.4 U	2.5 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
UGL	69.2 J	74.9 J	74.9 J	24.2 J	24.2 J	89.2 J	47.8 J	89.2 J	47.8 J
UGL	.6 U	.1 U	.1 U	.6 U	.6 U	.6 U	.6 U	.6 U	.6 U
UGL	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.35	.2 U	.35
UGL	164,000.	247,000.	247,000.	240,000.	240,000.	154,000.	288,000.	154,000.	288,000.
UGL	1. U	1. U	1. U	1. U	1. U	1. U	1. U	1. U	1. U
UGL	3.5 U	1.3 U	1.3 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
UGL	3. J	1.9 U	1.9 U	1.6 U	1.6 U	5 J	14.6	5 J	14.6
UGL	10. U	10. U	10. U	10. U	10. U	10. U	10. U	10. U	10. U
UGL	369.	20.3 U	20.3 U	42.8 J	42.8 J	14.8 UJ	14.8	14.8 UJ	14.8
UGL	1. U	1. U	1. U	1. U	1. U	1. U	1. U	1. U	1. U
UGL	37,800.	26,400.	26,400.	38,000.	38,000.	19,500.	44,500.	19,500.	44,500.
UGL	344.	10. J	10. J	196.	196.	9.2 J	9.7	9.2 J	9.7
UGL	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.14	.1 U	.14
UGL	4.2 U	1.7 U	1.7 U	4.2 U	4.2 U	4.2 U	4.2	4.2 U	4.2
UGL	10,300.	879. J	879. J	4,480. J	4,480. J	1,420. J	4,740.	1,420. J	4,740.
UGL	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2	2.2 U	2.2
UGL	1. UJ	1.3 UJ	1.3 UJ	1. UJ	1. UJ	2.8 J	1.	2.8 J	1.
UGL	36,300.	43,700.	43,700.	60,800. J	60,800. J	26,200. J	39,800.	26,200. J	39,800.
UGL	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	3.2 UJ	5.1 J	7.4	5.1 J	7.4
UGL	2.8 U	1.8 U	1.8 U	2.8 U	2.8 U	2.8 U	2.8	2.8 U	2.8
UGL	3. J	4.3 J	4.3 J	2. J	2. J	3.7 J	1,620.	3.7 J	1,620.

ASH REMEDIAL DESIGN  
SDG 76688  
VALIDATED DATA

STUDY ID: REMEDIAL DESIGN		76688	
SDG:		MW-44A	
LOC ID:		ARD2155	
SAMP_ID:		SA	
FIELD QC CODE:		12	
SAMP_DEPTH TOP:		12	
SAMP_DEPTH BOT:		12	
MATRIX:		GROUND WATER	
SAMP_DATE:		22-Jan-00	
METER	UNIT	VALUE	Q
Trichloroethane	UG/L	1	U
P-Tetrachloroethane	UG/L	1	U
Trichloroethane	UG/L	1	U
chloroethane	UG/L	1	U
chloroethene	UG/L	1	U
Trichlorobenzene	UG/L	1	U
mono-3-chloropropane	UG/L	1	U
monobromoethane	UG/L	1	U
chlorobenzene	UG/L	1	U
chloroethane	UG/L	1	U
chloropropane	UG/L	1	U
chlorobenzene	UG/L	1	U
chlorobenzene	UG/L	1	U
ene	UG/L	5	R
ne	UG/L	1	U
chloromethane	UG/L	1	U
1,1-dichloromethane	UG/L	1	U
form	UG/L	1	U
in disulfide	UG/L	1	U
in tetrachloride	UG/L	1	U
benzene	UG/L	1	U
1,1-dibromomethane	UG/L	1	U
ethane	UG/L	1	U
form	UG/L	1	U
2-Dichloroethene	UG/L	16	
3-Dichloropropene	UG/L	1	U
benzene	UG/L	1	U
bromide	UG/L	1	U
butyl ketone	UG/L	5	UJ
chloride	UG/L	1	U
ethyl ketone	UG/L	5	U
isobutyl ketone	UG/L	5	U
ene chloride	UG/L	2	U
ene	UG/L	1	U
chloroethene	UG/L	1	U
ene	UG/L	1	U
Xylenes	UG/L	1	U
1,2-Dichloroethene	UG/L	1	U
1,3-Dichloropropene	UG/L	1	U
roethene	UG/L	.8	J
chloride	UG/L	1	
num	UG/L	34.4	UJ
ony	UG/L	2.5	J

ASH REMEDIAL DESIGN  
SDG 76688  
VALIDATED DATA

	STUDY ID:	REMEDIAL DESIGN
	SDG: 76688	
	LOC ID: MW-44A	
	SAMP ID: ARD2155	
	FIELD QC CODE: SA	
	SAMP. DEPTH TOP: 12	
	SAMP. DEPTH BOT: 12	
	MATRIX: GROUND WATER	
	SAMP. DATE: 22-Jan-00	
	UNIT	VALUE Q
Chlorine	UG/L	28 J
Copper	UG/L	66.9 J
Iron	UG/L	.1 U
Manganese	UG/L	.2 U
Nickel	UG/L	391,000.
Vanadium	UG/L	1. U
Zinc	UG/L	1.3 U
Lead	UG/L	1.9 U
Mercury	UG/L	10. U
Chromium	UG/L	48.9 J
Fluoride	UG/L	1. U
Ammonia	UG/L	85,900.
Nitrate	UG/L	300.
Phosphate	UG/L	.1 U
Sulfate	UG/L	1.7 U
Total Solids	UG/L	25,600.
Calcium	UG/L	2.2 U
Magnesium	UG/L	1.3 UJ
Total Hardness	UG/L	91,500. J
Aluminum	UG/L	3.2 U
Silica	UG/L	1.8 U
Total Solids	UG/L	2.4 J

**SEAD-46/57 Soil/Sediment Chemical Data – December 1999**

SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID:	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI
SDG:	76213	76213	76213	76213	76213	76213	76213
LOC ID:	SS57-30	SS57-30	SS57-5	SS57-5	SS57-5	SS57-5	SS57-4
SAMP ID:	574000	574001	574002	574003	574003	574003	574004
FIELD QC CODE:	SA	DU	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	0	0	0	0	0	0	0
SAMP. DEPTH BOT:	0.5	0.5	0.2	0.2	0.2	0.2	0.2
MATRIX:	SURFACE SOIL	SURFACE SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMP. DATE:	30-Nov-99	30-Nov-99	1-Dec-99	1-Dec-99	1-Dec-99	1-Dec-99	3-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
thane	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
chloroethane	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
thane	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
ane	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
ane	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
ane (total)	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
thane	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
	UG/KG	240. J	280. J	68. J	14. J	14. J	210. J
ethane	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
iride	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
ethane	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
propene	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
one	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
one	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
ketone	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
side	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
ne	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
propene	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
	UG/KG	17. U	15. U	12. U	8. U	8. U	13. U
zene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
ene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
ene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
ene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
ene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
nitrotoluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
nitrotoluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U

SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID:	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI
SDG:	76213	76213	76213	76213	76213	76213
LOC ID:	SS57-30	SS57-30	SS57-5	SS57-5	SS57-5	SS57-4
SAMP ID:	574000	574001	574002	574003	574004	574004
FIELD QC CODE:	SA	DU	SA	SA	SA	SA
SAMP. DEPTH TOP:	0	0	0	4	0	0
SAMP. DEPTH BOT:	0.5	0.5	0.2	5.2	0.2	0.2
MATRIX:	SURFACE SOIL	SURFACE SOIL	SOIL	SOIL	SOIL	SOIL
SAMP. DATE:	30-Nov-99	30-Nov-99	1-Dec-99	1-Dec-99	3-Dec-99	
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
nzene	UG/KG	87. U	90. UJ	86. U	82. U	82. U
ene	UG/KG	87. U	90. UJ	86. U	82. U	82. U
ene	UG/KG	87. U	90. UJ	86. U	82. U	82. U
ene	UG/KG	87. U	90. UJ	86. U	82. U	82. U
enol	UG/KG	210. U	220. UJ	210. U	180. U	200. U
enol	UG/KG	87. U	90. UJ	86. U	82. U	82. U
ol	UG/KG	87. UJ	90. UJ	86. UJ	82. UJ	82. UJ
ol	UG/KG	87. UJ	90. UJ	86. UJ	82. UJ	82. UJ
	UG/KG	210. UJ	220. UJ	210. UR	180. UR	200. UR
	UG/KG	87. U	90. UJ	86. U	82. U	82. U
	UG/KG	87. U	90. U	86. UJ	82. UJ	82. UJ
ene	UG/KG	87. U	90. U	86. U	82. U	82. U
ene	UG/KG	87. U	90. U	86. U	82. U	82. U
ene	UG/KG	87. U	90. U	86. U	82. U	82. U
ene	UG/KG	87. U	90. UJ	86. UJ	82. UJ	82. UJ
idine	UG/KG	87. U	90. U	86. U	82. U	82. U
	UG/KG	87. UJ	90. UJ	86. UJ	82. UJ	82. UJ
niphenol	UG/KG	5.3 UJ	220. UJ	210. UJ	180. UJ	200. UJ
henyl ether	UG/KG	210. UJ	220. UJ	210. UJ	180. UJ	200. UJ
niphenol	UG/KG	87. U	90. U	86. U	82. U	82. U
	UG/KG	87. UJ	90. UJ	86. UJ	82. UJ	82. UJ
henyl ether	UG/KG	87. U	90. UJ	86. UJ	82. UJ	82. UJ
	UG/KG	87. UJ	90. UJ	86. UJ	82. UJ	82. UJ
	UG/KG	210. U	220. U	210. U	180. U	200. U
	UG/KG	210. UJ	220. UJ	210. UJ	180. UJ	200. UJ
	UG/KG	87. U	90. U	86. U	82. U	82. U
	UG/KG	87. U	90. U	86. U	82. U	82. U
ane	UG/KG	87. U	90. U	86. U	82. U	82. U
	UG/KG	87. U	90. U	86. U	82. U	82. U
ene	UG/KG	87. U	90. U	86. U	82. U	82. U
ene	UG/KG	87. U	90. U	86. U	82. U	82. U
xy)methane	UG/KG	87. UJ	90. UJ	86. U	82. U	82. U
yl)ether	UG/KG	87. U	90. U	86. U	82. U	82. U
py)ether	UG/KG	87. U	90. U	86. U	82. U	82. U
phthalate	UG/KG	87. U	90. U	86. U	82. U	82. U
late	UG/KG	87. U	90. U	86. U	82. U	82. U
	UG/KG	87. UJ	90. UJ	86. U	82. U	82. U
te	UG/KG	87. U	90. U	86. U	82. U	82. U
te	UG/KG	87. U	90. U	86. U	82. U	82. U
ie	UG/KG	87. U	90. U	86. U	82. U	82. U
acene	UG/KG	87. U	90. U	86. U	82. U	82. U
	UG/KG	87. U	90. U	86. U	82. U	82. U
	UG/KG	87. UJ	90. UJ	86. UJ	82. UJ	82. UJ



SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	SEAD 45/46/67 RI 76213 SS57-30 574000 SA 0 0.5 SURFACE SOIL 30-Nov-99	SEAD 45/46/67 RI 76213 SS57-30 574001 DU 0 0.5 SURFACE SOIL 30-Nov-99	SEAD 45/46/67 RI 76213 SB57-5 574002 SA 0 0.2 SOIL 1-Dec-99	SEAD 45/46/67 RI 76213 SB57-5 574003 SA 4 0 0.2 SOIL 1-Dec-99	SEAD 45/46/67 RI 76213 SB57-5 574004 SA 0 0 0.2 SOIL 3-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. UJ	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	210. UJ	220. UJ	210. UJ	180. UJ	200. UJ
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. U	90. U	86. U	74. U	82. U
UG/KG	87. UJ	90. UJ	86. UJ	74. UJ	82. UJ
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.2 J	2.4 J	2.2 U	1.9 U	2.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	90. U	92. U	88. U	75. U	84. U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	4.4 U	4.5 U	4.3 U	3.7 U	4.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	2.3 U	2.3 U	2.2 U	1.9 U	2.1 U
UG/KG	12.100	11.900	15.600	12.200	14.800
MG/KG	1.2 J	.92 UR	1.1 UR	1.5 J	1. UR

SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID: SDG:	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213
LOC ID:	S557-30	S557-30	S557-5	S557-5	S557-5	S557-5
SAMP. ID:	574000	574001	574002	574003	574004	574004
FIELD QC CODE:	SA	DU	SA	SA	SA	SA
SAMP. DEPTH TOP:	0	0	0	4	0	0
SAMP. DEPTH BOT:	0.5	0.5	0.2	5.2	0.2	0.2
SAMP. DATE:	30-Nov-99	30-Nov-99	1-Dec-99	1-Dec-99	1-Dec-99	3-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MG/KG	5.3 J	4.2	4.2	3.3	4.7	4.7
MG/KG	115.	103.	93.6	38.4	129.	129.
MG/KG	.72 J	.7 J	.69 J	.56 J	.79 J	.79 J
MG/KG	.07 U	.06 U	.06 U	.05 U	.06 U	.06 U
MG/KG	4,100.	4,070.	8,570.	12,400.	22,800.	22,800.
MG/KG	16.8	16.4	23.9	21.9	22.4	22.4
MG/KG	11.4 J	8. J	10.8 J	12.4	11.	11.
MG/KG	21.6	21.9	20.9	18.3	29.8	29.8
MG/KG	.62 U	.67 U	.61 U	.56 U	.56 U	.56 U
MG/KG	22,400.	20,500. J	28,700. J	25,500. J	26,100. J	26,100. J
MG/KG	22.6	21.9	18.5	3.6	12.3	12.3
MG/KG	3,180.	3,130.	4,470.	5,910.	13,500.	13,500.
MG/KG	725. J	376. J	555.	427.	493.	493.
MG/KG	.11 J	.1 J	.09 J	.06 J	.1 J	.1 J
MG/KG	19.1	18.3	26.7	34.9	41.1	41.1
MG/KG	1,450. J	1,360. J	1,580. J	1,080. J	1,370. J	1,370. J
MG/KG	.57 U	.45 U	.71 J	.37 U	.5 J	.5 J
MG/KG	.52 J	.53 J	.43 J	.27 J	.57 J	.57 J
MG/KG	207. U	164. U	190. U	161. J	179. U	179. U
MG/KG	.85 J	.6 J	.94 J	1.3 J	.59 U	.59 U
MG/KG	23.5	22.	26.6	16.	23.3	23.3
MG/KG	60.2	60.1	77.3	71.5	77.9	77.9
MG/KG	1.2 J	4.4 J	2.9	1	1.4	1.4
% WW	73.6	72.8	76.3	88.8	80.	80.







SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID: SDG:	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213	SEAD 45/46/57 RI 76213
LOC ID:	SB57-4	SB57-4	SB57-3	SB57-3	SB57-3	SB57-3
SAMP_ID:	574005	574006	574007	574007	574008	574009
FIELD QC CODE:	SA	SA	SA	SA	SA	SA
SAMP_DEPTH TOP:	2	4	0	2	4	4
SAMP_DEPTH BOT:	4	6	0.2	4	6	6
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMP_DATE:	3-Dec-99	3-Dec-99	2-Dec-99	2-Dec-99	2-Dec-99	2-Dec-99
UNIT	VALUE	Q	VALUE	Q	VALUE	Q
MG/KG	3.7	6.3	3.7	6.3	3.7	6.3
MG/KG	85.8	64.	101.	77.5	68.9	68.9
MG/KG	.53 J	.53 J	.71 J	.58 J	.7 J	.7 J
MG/KG	.05 U	.04 U	.08 U	.06 U	.09 U	.09 U
MG/KG	94,000	77,400	2,590	27,600	27,000	27,000
MG/KG	17.2	19.3	22.5	19.6	32.1	32.1
MG/KG	9.4	13.8	9.5 J	11.1	18.8	18.8
MG/KG	24.5	24.8	26.5	32.3	36.1	36.1
MG/KG	.54 U	.52 U	.72 U	.55 U	.52 U	.52 U
MG/KG	21,700. J	25,700. J	32,700. J	24,900. J	39,800. J	39,800. J
MG/KG	8.5	10.1	23.3	16.8	4.4	4.4
MG/KG	9,870	10,300	4,090	6,850	8,610	8,610
MG/KG	492.	573.	640.	520.	451.	451.
MG/KG	.07 J	.07 J	.13 J	.09 J	.07 J	.07 J
MG/KG	31.1	39.2	20.3	36.7	53.8	53.8
MG/KG	1,410. J	1,370. J	1,430. J	1,290. J	1,530. J	1,530. J
MG/KG	.43 U	.45 J	.72 J	.48 U	.34 U	.34 U
MG/KG	.4 J	.44 J	.52 J	.42 J	.42 J	.42 J
MG/KG	157. U	128. U	219. U	174. U	124. U	124. U
MG/KG	2.3	2. J	2.6	2. J	3.1	3.1
MG/KG	15.9	16.7	32.3	21.3	25.	25.
MG/KG	76.8	116.	73.3	93.4	113.	113.
MG/KG	.19	.05	.22	.13	.07	.07
% WW	85.6	91.5	67.	89.7	94.	94.

SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID:	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	
SDG:	76213	76213	76213	76213	76213	76213	76213	76213	76213	
LOC ID:	SB57-2	SB57-2	SB57-2	SB57-2	SB57-1	SB57-1	SB57-1	SB57-1	SB57-1	
SAMP ID:	574010	574011	574011	574012	574013	574013	574013	574014	574014	
FIELD QC CODE:	SA	SA	SA	SA	SA	SA	SA	SA	SA	
SAMP DEPTH TOP:	0	2	4	4	0	2	4	2	4	
SAMP DEPTH BOT:	0.2									
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
SAMP DATE:	3-Dec-99	3-Dec-99	3-Dec-99	3-Dec-99	3-Dec-99	3-Dec-99	3-Dec-99	3-Dec-99	3-Dec-99	
UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ethane	UG/KG	10. U		9. UJ		9. UJ		11. U		9. UJ
propane	UG/KG	10. U		9. UJ		9. UJ		11. UJ		9. UJ
isobutane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
n-butane	UG/KG	10. U		9. UJ		9. UJ		11. U		9. UJ
isopentane	UG/KG	10. U		9. UJ		9. UJ		11. U		9. UJ
n-pentane	UG/KG	10. U		9. UJ		9. UJ		11. U		9. UJ
hexane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
heptane	UG/KG	83. J		9. UJ		9. UJ		300. J		22. UJ
octane	UG/KG	10. U		9. UJ		9. UJ		11. U		9. UJ
nonane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
decane	UG/KG	10. U		9. UJ		9. UJ		11. UJ		9. UJ
undecane	UG/KG	10. U		9. UJ		9. UJ		11. UJ		9. UJ
dodecane	UG/KG	10. U		9. UJ		9. UJ		11. UJ		9. UJ
tridecane	UG/KG	10. U		9. UJ		9. UJ		11. UJ		9. UJ
tetradecane	UG/KG	10. U		9. UJ		9. UJ		11. U		9. UJ
pentadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
hexadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
heptadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
octadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
nonadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
triacontane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
methane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
ethane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
propane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
isobutane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
n-butane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
isopentane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
n-pentane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
hexane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
heptane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
octane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
nonane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
decane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
undecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
dodecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
tridecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
tetradecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
pentadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
hexadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
heptadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
octadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
nonadecane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
triacontane	UG/KG	10. U		9. UR		9. UJ		11. U		9. UJ
benzene	UG/KG	120. U		120. U		120. U		120. U		120. U
toluene	UG/KG	120. U		120. U		120. U		120. U		120. U
ethylbenzene	UG/KG	120. U		120. U		120. U		120. U		120. U
styrene	UG/KG	120. U		120. U		120. U		120. U		120. U
1,2-dichlorobenzene	UG/KG	120. U		120. U		120. U		120. U		120. U
1,4-dichlorobenzene	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrobenzene	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrotoluene	UG/KG	120. U		120. U		120. U		120. U		120. U
nitroethane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitropropane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrobutane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitropentane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrohexane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitroheptane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrooctane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrononane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrodecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitroundecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrododecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrotridecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrotetradecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitropentadecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrohexadecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitroheptadecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrooctadecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrononadecane	UG/KG	120. U		120. U		120. U		120. U		120. U
nitrotriacontane	UG/KG	120. U		120. U		120. U		120. U		120. U





SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD OC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD 45/46/57 RI				SEAD 45/46/57 RI				SEAD 45/46/57 RI				SEAD 45/46/57 RI				SEAD 45/46/57 RI				
	76213 SB57-2 574010 SA 0 02 SOIL 3-Dec-99	76213 SB57-2 574011 SA 2 4 4 SOIL 3-Dec-99	76213 SB57-2 574012 SA 4 6 6 SOIL 3-Dec-99	76213 SB57-1 574013 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574014 SA 2 4 4 SOIL 3-Dec-99	76213 SB57-1 574015 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574016 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574017 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574018 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574019 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574020 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574021 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574022 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574023 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574024 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574025 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574026 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574027 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574028 SA 0 2 2 SOIL 3-Dec-99	76213 SB57-1 574029 SA 0 2 2 SOIL 3-Dec-99	
UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
cate	UG/KG	93	U	76	U	74	U	84	U	84	U	78	U	84	U	78	U	84	U	78	U
	UG/KG	93	U	76	UJ	74	UJ	84	U	84	U	78	UJ	84	U	78	UJ	84	U	78	UJ
	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
zene	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
dadiene	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
opentadiene	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
ane	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
dpyrene	UG/KG	93	U	76	UJ	74	UJ	84	U	84	U	78	UJ	84	U	78	UJ	84	U	78	UJ
nylamine	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
pylamine	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
ene	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
enol	UG/KG	220	UJ	180	UJ	180	UJ	200	UJ	200	UJ	190	UJ	190	UJ	190	UJ	200	UJ	200	UJ
	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
	UG/KG	93	U	76	U	74	UJ	84	U	84	U	78	U	84	U	78	U	84	U	78	U
	UG/KG	93	UJ	76	UJ	74	UJ	84	UJ	84	UJ	78	UJ	84	UJ	78	UJ	84	UJ	78	UJ
	UG/KG	4.6	U	3.8	U	3.7	U	4.2	U	4.2	U	3.9	U	3.9	U	3.9	U	3.9	U	3.9	U
	UG/KG	4.6	U	3.8	U	3.7	U	4.2	U	4.2	U	3.9	U	3.9	U	3.9	U	3.9	U	3.9	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	4.6	U	3.8	U	3.7	U	4.2	U	4.2	U	3.9	U	3.9	U	3.9	U	3.9	U	3.9	U
	UG/KG	4.6	U	3.8	U	3.7	U	4.2	U	4.2	U	3.9	U	3.9	U	3.9	U	3.9	U	3.9	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	4.6	U	3.8	U	3.7	U	4.2	U	4.2	U	3.9	U	3.9	U	3.9	U	3.9	U	3.9	U
	UG/KG	4.6	U	3.8	U	3.7	U	4.2	U	4.2	U	3.9	U	3.9	U	3.9	U	3.9	U	3.9	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	2.4	U	2	U	1.9	U	2.2	U	2.2	U	2	U	2	U	2	U	2	U	2	U
	UG/KG	240	U	200	U	180	U	220	U	220	U	200	U	200	U	200	U	200	U	200	U
	MG/KG	13.700		12.500		11.100		14.200		14.200		13.500		13.500		13.500		13.500		13.500	
	MG/KG	1.3	UR	1.1	UR	1.2	J	1.1	J	1.1	J	1.1	J	1.1	J	1.1	J	1.1	J	1.1	J
	MG/KG	1.3	UR	1.1	UR	1.2	J	1.1	J	1.1	J	1.1	J	1.1	J	1.1	J	1.1	J	1.1	J

SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45/46/57 RI 76213 SB57-2 574010 SA 2 0 0.2 SOIL 3-Dec-99	SEAD 45/46/57 RI 76213 SB57-2 574011 SA 2 4 SOIL 3-Dec-99	SEAD 45/46/57 RI 76213 SB57-2 574012 SA 2 4 6 SOIL 3-Dec-99	SEAD 45/46/57 RI 76213 SB57-1 574013 SA 0 2 SOIL 3-Dec-99	SEAD 45/46/57 RI 76213 SB57-1 574014 SA 2 4 SOIL 3-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MG/KG	5.5	4.4	4.2	4.9	2.6
MG/KG	105	84.8	68.9	129	121
MG/KG	.62 J	.62 J	.48 J	.7 J	.63 J
MG/KG	.08 U	.07 U	.05 U	.07 J	.06 U
MG/KG	3,970	73,900	68,300	4,090	75,300
MG/KG	18.6	21.8	24.4	21.3	22.3
MG/KG	9.5 J	11.4	8.7 J	11.5	6.9 J
MG/KG	23.1	33.9	20	25.1	26.6
MG/KG	.69 U	.53 U	.53 U	.63 U	.57 U
MG/KG	23,700 J	27,200 J	19,700 J	26,100 J	24,400 J
MG/KG	25	13.3	5.5	20.4	9.7
MG/KG	3,480	11,900	7,490	4,530	8,530
MG/KG	508	314	330	915	178
MG/KG	.11 J	.06 J	.05 J	.11 J	.06 J
MG/KG	19.5	41.5	29.1	29.3	35.1
MG/KG	1,750 J	1,920 J	1,680 J	1,470 J	1,350 J
MG/KG	.75 J	.53 U	.51 J	.54 U	.45 U
MG/KG	.58 J	.5 J	.36 J	.56 J	.41 J
MG/KG	230 U	194 U	270 J	198 U	163 U
MG/KG	2.4 J	2.1 J	1.3 J	2.3	1.2 J
MG/KG	25.3	20.5	17.5	23	19.8
MG/KG	82.9	135	70.2	84.5	90.7
MG/KG	.39	.1	.12	.15	.14
% WW	71.1	86.8	89	78.9	84.4





SEAD 46/57  
SDG 76213  
VALIDATED DATA

UNIT	SEAD 45/46/57 RI				SEAD 45/46/57 RI				SEAD 45/46/57 RI				SEAD 45/46/57 RI			
	STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	76213 SB57-1 574015 SA 4 6 SOIL 3-Dec-99	76213 SB57-1 574016 SA 0 2 4 SOIL 3-Dec-99	76213 SB57-7 574017 SA 2 4 SOIL 3-Dec-99	76213 SB57-7 574018 SA 4 6 SOIL 3-Dec-99	76213 SB57-7 574017 SA 2 4 SOIL 3-Dec-99	76213 SB57-7 574018 SA 4 6 SOIL 3-Dec-99	76213 SB57-7 574017 SA 2 4 SOIL 3-Dec-99	76213 SB57-7 574018 SA 4 6 SOIL 3-Dec-99	76213 SB57-7 574017 SA 2 4 SOIL 3-Dec-99	76213 SB57-7 574018 SA 4 6 SOIL 3-Dec-99	76213 SB57-7 574017 SA 2 4 SOIL 3-Dec-99	76213 SB57-7 574018 SA 4 6 SOIL 3-Dec-99	76213 SB57-7 574017 SA 2 4 SOIL 3-Dec-99	76213 SB57-7 574018 SA 4 6 SOIL 3-Dec-99	76213 SB57-7 574017 SA 2 4 SOIL 3-Dec-99
UG/KG	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. UJ		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	180. UJ		1,900. UJ		210. UJ		180. UJ		180. UJ		210. UJ		180. UJ		180. UJ	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. U		780. U		85. U		74. U		74. U		85. U		74. U		74. U	
UG/KG	74. UJ		780. UJ		85. UJ		74. UJ		74. UJ		85. UJ		74. UJ		74. UJ	
UG/KG	37. U		3.7 U	1.7 J	4.3 U		3.7 U		3.7 U		4.3 U		3.7 U		3.7 U	
UG/KG	37. U		3.7 U	2.8 J	4.3 U		3.7 U		3.7 U		4.3 U		3.7 U		3.7 U	
UG/KG	19. U		2. U	2.2 U	1.9 U		1.9 U		1.9 U		2.2 U		1.9 U		1.9 U	
UG/KG	19. U		2. U	1.1 J	2.2 U		1.9 U		1.9 U		2.2 U		1.9 U		1.9 U	
UG/KG	37. U		39. U	2. U	2.2 U		1.9 U		1.9 U		2.2 U		1.9 U		1.9 U	
UG/KG	75. U		78. U	78. U	67. U		75. U		75. U		67. U		75. U		76. U	
UG/KG	37. U		39. U	39. U	43. U		37. U		37. U		43. U		37. U		38. U	
UG/KG	37. U		39. U	39. U	43. U		37. U		37. U		43. U		37. U		38. U	
UG/KG	37. U		39. U	39. U	43. U		37. U		37. U		43. U		37. U		38. U	
UG/KG	37. U		39. U	39. U	43. U		37. U		37. U		43. U		37. U		38. U	
UG/KG	19. U		2. U	2.2 U	1.9 U		1.9 U		1.9 U		2.2 U		1.9 U		1.9 U	
UG/KG	19. U		2. U	1.1 J	2.2 U		1.9 U		1.9 U		2.2 U		1.9 U		1.9 U	
UG/KG	37. U		3.9 U	3.9 U	4.3 U		3.7 U		3.7 U		4.3 U		3.7 U		3.8 U	
UG/KG	19. U		2. U	2.2 U	1.9 U		1.9 U		1.9 U		2.2 U		1.9 U		1.9 U	
UG/KG	37. U		3.9 U	3.9 U	4.3 U		3.7 U		3.7 U		4.3 U		3.7 U		3.8 U	
UG/KG	37. U		3.9 U	3.9 U	4.3 U		3.7 U		3.7 U		4.3 U		3.7 U		3.8 U	
UG/KG	37. U		3.9 U	3.9 U	4.3 U		3.7 U		3.7 U		4.3 U		3.7 U		3.8 U	
UG/KG	37. U		3.9 U	3.9 U	4.3 U		3.7 U		3.7 U		4.3 U		3.7 U		3.8 U	
UG/KG	37. U		3.9 U	3.9 U	4.3 U		3.7 U		3.7 U		4.3 U		3.7 U		3.8 U	
UG/KG	19. U		20. U	20. U	22. U		19. U		19. U		22. U		19. U		19. U	
UG/KG	190. U		200. U	220. U	220. U		190. U		190. U		220. U		190. U		190. U	
MG/KG	10,700.		9,910.	12,600.	12,600.		13,600.		13,600.		15,400.		15,400.		15,400.	
MG/KG	.91 J		1.4 J	1.3 J	1.3 J		2.5 J		2.5 J		1.5 J		1.5 J		1.5 J	

SEAD 46/57  
SDG 76213  
VALIDATED DATA

STUDY ID: SDG LOC ID: SAMP_ID: FIELD QC CODE SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD 45/46/57 RI 76213 SB57-1 574015 SA 4 6 3-Dec-99	SEAD 45/46/57 RI 76213 SB57-7 574016 SA 0 2 3-Dec-99	SEAD 45/46/57 RI 76213 SB57-7 574017 SA 2 4 3-Dec-99	SEAD 45/46/57 RI 76213 SB57-7 574018 SA 4 6 3-Dec-99	SEAD 45/46/57 RI 76213 SB57-5 574022 SA 2 4 7-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
MG/KG	3.5	3.7 J	4.9 J	5.6	5.6
MG/KG	42.	49.9	78.2	84.3	62.7
MG/KG	.48 J	.45 J	.58 J	.66 J	.06
MG/KG	.05 U	.05 U	.07 U	.07 U	
MG/KG	3,240.	8,920.	81,800.	63,700.	17,800.
MG/KG	18.7	17.4	20.7	23.4	25.2
MG/KG	11.1	10.6	12.5	12.2	17.
MG/KG	27	52.7	32.8	26.4	26.1
MG/KG	.53 U	.58 U	.6 U	.55 U	.55 U
MG/KG	23,100. J	21,200.	25,700.	28,000.	32,300.
MG/KG	6.7	45.1	13.8	4.4	7.9 J
MG/KG	4,800.	4,410.	11,600.	14,500.	7,560.
MG/KG	550.	332.	362.	415.	543.
MG/KG	.09 J	.07 J	.13 J	.04 J	.04 U
MG/KG	33.1	36.7	39.1	37.9	44.5
MG/KG	1,020. J	1,350. J	1,940. J	1,820. J	1,230.
MG/KG	.48 UJ	.41 U	.59 U	.54 U	.51 U
MG/KG	37 J	55 J	42 J	36 U	49 J
MG/KG	149. U	150. U	213. U	196. U	187. U
MG/KG	2.	2.3	.71 U	2.7 J	1. J
MG/KG	14.6	23.7	19.9	19.8	20.7
MG/KG	75.2	133.	99.6	85.3	98.3
MG/KG	.38	.06	.22	1.1	.11
% WW	89.1	85.4	77.4	89.5	88.2

nitrogen







SEAD 46/57  
SDG 76219  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	SEAD 45,46,57 RI 76219 BE-46-1 464000 SA 18 2.2 SOIL 13-Dec-99	SEAD 45,46,57 RI 76219 BE-46-1 464001 SA 18 2.2 SOIL 13-Dec-99	SEAD 45,46,57 RI 76219 BE-46-2 464002 SA 18 2.2 SOIL 13-Dec-99	SEAD 45,46,57 RI 76219 BE-46-3 464003 SA 18 2.2 SOIL 13-Dec-99	SEAD 45,46,57 RI 76219 BE-46-4 464004 SA 18 2.2 SOIL 13-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
UG/KG	Q	Q	Q	Q	Q
Male	74.00	77.00	78.00	81.00	78.00
	74.00	77.00	78.00	81.00	78.00
	74.00	77.00	78.00	81.00	78.00
	11.00	77.00	78.00	81.00	78.00
zene	74.00	77.00	78.00	81.00	78.00
ndiene	74.00	77.00	78.00	81.00	78.00
pentadiene	9.90	77.00	78.00	81.00	78.00
ene	12.00	77.00	78.00	81.00	78.00
pyrene	74.00	77.00	78.00	81.00	78.00
ylamine	74.00	77.00	78.00	81.00	78.00
ylamine	74.00	77.00	78.00	81.00	78.00
	74.00	77.00	78.00	81.00	78.00
anol	180.00	190.00	190.00	200.00	190.00
	74.00	77.00	78.00	81.00	78.00
	74.00	77.00	78.00	81.00	78.00
	14.00	77.00	78.00	81.00	78.00
	3.70	3.80	3.90	4.10	3.90
	3.70	3.80	3.90	4.10	3.90
	3.70	3.80	3.90	4.10	3.90
	1.90	2.00	2.00	2.10	2.00
	1.90	2.00	2.00	2.10	2.00
	3.70	3.80	3.90	4.10	3.90
	75.00	78.00	80.00	83.00	80.00
	37.00	38.00	39.00	41.00	39.00
	37.00	38.00	39.00	41.00	39.00
	37.00	38.00	39.00	41.00	39.00
	37.00	38.00	39.00	41.00	39.00
	1.90	2.00	2.00	2.10	2.00
	1.90	2.00	2.00	2.10	2.00
	3.70	3.80	3.90	4.10	3.90
	3.70	3.80	3.90	4.10	3.90
	3.70	3.80	3.90	4.10	3.90
	3.70	3.80	3.90	4.10	3.90
	3.70	3.80	3.90	4.10	3.90
	1.90	2.00	2.00	2.10	2.00
	1.90	2.00	2.00	2.10	2.00
	1.90	2.00	2.00	2.10	2.00
	1.90	2.00	2.00	2.10	2.00
	1.90	2.00	2.00	2.10	2.00
	190.00	200.00	200.00	210.00	200.00
MG/KG	8,890	12,600	13,800	12,100	12,100
MG/KG	.48 UJ	.42 UJ	.46 UJ	.47 UJ	.47 UJ

SEAD 46/57  
SDG 76219  
VALIDATED DATA

STUDY ID:	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI
SDG:	76219	76219	76219	76219	76219	76219
LOC ID:	BE-46-8	BE-46-1	BE-46-2	BE-46-3	BE-46-4	BE-46-4
SAMP_ID:	464000	464001	464002	464003	464004	464004
FIELD QC CODE:	SA	SA	SA	SA	SA	SA
SAMP_DEPTH TOP:	1.8	1.8	1.8	1.8	1.8	1.8
SAMP_DEPTH BOT:	2.2	2.2	2.2	2.2	2.2	2.2
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMP_DATE:	14-Dec-99	13-Dec-99	13-Dec-99	13-Dec-99	13-Dec-99	13-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
MG/KG	3.8	3.6	3.9	7.2	4.1	4.1
MG/KG	62.7	92.6	113	95.8	92	92
MG/KG	.62	.85	.95	.85	.81	.81
MG/KG	.07	.06	.07	.06	.06	.06
MG/KG	38,300	27,400	14,900	26,800	39,000	39,000
MG/KG	15.6	20.9	20	21.9	18.7	18.7
MG/KG	6.8	11.7	9.3	10.5	10.2	10.2
MG/KG	17.9	25.6	17.4	20.7	23.2	23.2
MG/KG	55	.56	.57	6	55	55
MG/KG	17,900	27,000	26,800	24,900	24,800	24,800
MG/KG	10.7	15.3	14.9	13.5	15.3	15.3
MG/KG	11,600	9,350	6,670	6,890	12,800	12,800
MG/KG	384	568	698	593	526	526
MG/KG	.09	.12	.1	.09	.08	.08
MG/KG	20.6	35.4	25.7	30.2	29.9	29.9
MG/KG	950	1,190	817	1,010	974	974
MG/KG	.54	.49	.53	.45	.46	.46
MG/KG	.28	.25	.27	.28	.28	.28
MG/KG	136	98.8	98.6	205	107	107
MG/KG	1.4	1.5	1.2	3.4	2.7	2.7
MG/KG	17.4	21.6	24.7	21.7	20.8	20.8
MG/KG	56.5	67.8	51.1	85.3	64.6	64.6
MG/KG	1.5	.67	1.5	.94	1.9	1.9
% WW	88.5	86.5	84.2	81.2	83.9	83.9

سجل  
 SDG 76219  
 VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45 46 57 RI 76219 BE-46-5 464005 SA 1.8 2.2 SOIL 14-Dec-99	SEAD 45 46 57 RI 76219 BE-46-5 464006 SA 1.8 2.2 SOIL 14-Dec-99	SEAD 45 46 57 RI 76219 BE-46-7 464007 SA 1.8 2.2 SOIL 14-Dec-99	SEAD 45 46 57 RI 76219 SS46-4 464008 SA 0 0.5 SURFACE SOIL 14-Dec-99	SEAD 45 46 57 RI 76219 SS46-4 464009 SA 0 0.5 SURFACE SOIL 14-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	160 J	32 J	48 J	280 J	160 J
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	12 U	9 UJ	9 U	27 U	18 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	12 U	7 J	2 J	6 J	4 J
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	9 U	9 U	9 U	12 U	11 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U
UG/KG	120 U	120 U	120 U	120 U	120 U



SEAD 46/57  
SDG 76219  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID:	SEAD 45,46,57 RI 76219 BE46-5 464005	SEAD 45,46,57 RI 76219 BE46-7 464007	SEAD 45,46,57 RI 76219 SS46-4 464008	SEAD 45,46,57 RI 76219 SS46-5 464008	SEAD 45,46,57 RI 76219 SS46-4 464008
FIELD QC CODE:	SA	SA	SA	SA	SA
SAMP_DEPTH TOP:	1.8	1.8	1.8	0	0
SAMP_DEPTH BOT:	2.2	2.2	2.2	0.5	0.5
MATRIX:	SOIL	SOIL	SOIL	SURFACE SOIL	SURFACE SOIL
SAMP_DATE:	13-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	12 J	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	190 UJ	180 UJ	190 UJ	220 UJ	210 UJ
UG/KG	77 UJ	5.8 J	78 UJ	6.6 J	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	90 UJ	87 UJ
UG/KG	77 UJ	76 UJ	78 UJ	13 J	87 UJ
UG/KG	3.8 U	3.8 U	3.9 U	4.5 U	4.3 U
UG/KG	3.8 U	3.8 U	3.9 U	4.5 U	4.3 U
UG/KG	3.8 U	3.8 U	3.9 U	4.5 U	4.3 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	38 U	38 U	39 U	45 U	43 U
UG/KG	78 U	76 U	78 U	91 U	88 U
UG/KG	38 U	38 U	39 U	45 U	43 U
UG/KG	38 U	38 U	39 U	45 U	43 U
UG/KG	38 U	38 U	39 U	45 U	43 U
UG/KG	38 U	38 U	39 U	45 U	43 U
UG/KG	38 U	38 U	39 U	45 U	43 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	3.8 U	3.8 U	3.9 U	4.5 U	4.3 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	3.8 U	3.8 U	3.9 U	4.5 U	4.3 U
UG/KG	3.8 U	3.8 U	3.9 U	4.5 U	4.3 U
UG/KG	3.8 U	3.8 U	3.9 U	4.5 U	4.3 U
UG/KG	3.8 U	3.8 U	3.9 U	4.5 U	4.3 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	2 U	1.9 U	2 U	2.3 U	2.2 U
UG/KG	20 U	19 U	20 U	23 U	22 U
UG/KG	200 U	190 U	200 U	230 U	220 U
MG/KG	12,900	11,100	12,700	12,500	12,500
MG/KG	.44 UJ	.48 UJ	.51 UJ	.57 UJ	.56 UJ

SEAD 46/57  
SDG 76219  
VALIDATED DATA

STUDY ID:	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI
SDG:	76219	76219	76219	76219	76219	76219
LOC ID:	BE46-5	BE46-6	BE46-7	SS46-5	SS46-4	
SAMP ID:	464005	464006	464007	464008	464009	
FIELD QC CODE:	SA	SA	SA	SA	SA	
SAMP DEPTH TOP:	1.8	1.8	1.8	0	0	
SAMP DEPTH BOT:	2.2	2.2	2.2	0.5	0.5	
MATRIX:	SOIL	SOIL	SOIL	SURFACE SOIL	SURFACE SOIL	
SAMP DATE:	13-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99	
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MG/KG	3.8	3.7	4.3	4.2	4.5	
MG/KG	94.4	80.5	86.2	87.2	99.6	
MG/KG	.88 J	.88 J	.9 J	.94 J	.84 J	
MG/KG	.06 U	.06 U	.05 U	.06 U	.07 U	
MG/KG	7,410.	26,500.	38,000.	5,510.	3,340.	
MG/KG	20.1	18.5	19.1	18.7	19.2	
MG/KG	9.8 J	10.2 J	13.6	10.4 J	9.9 J	
MG/KG	19.3	21.8	26.1	22.1	21.3	
MG/KG	52 U	58 U	59 U	66 U	63 U	
MG/KG	25,200. J	22,900.	26,700.	24,400.	24,800.	
MG/KG	13.7 J	22.5 J	55.5 J	30.1 J	73. J	
MG/KG	7,130.	12,800.	9,080.	4,460.	3,490.	
MG/KG	531.	618.	677.	569.	531.	
MG/KG	.08 J	.13 J	.09 J	.15 J	.13 J	
MG/KG	27.6	26.6	35.3	27.6	24.6	
MG/KG	865. J	1,470.	980.	1,230.	1,390.	
MG/KG	.51 UJ	.52 UJ	.43 UJ	.49 UJ	.52 UJ	
MG/KG	.26 UJ	.29 UJ	.3 UJ	.33 UJ	.33 UJ	
MG/KG	94.2 U	272. J	162. J	91.1 U	96.4 U	
MG/KG	1.2 J	1.5 J	1.3 J	1.6 J	1.1 J	
MG/KG	22.4	20.8	21.9	22.8	22.2	
MG/KG	72.4	66.2	66.7	70.9	71.8	
MG/KG	1.9	2.2	2.2	63	2.1	
% WW	85.7	86.7	84.9	73.3	75.5	

SEAD 46/57  
SDG 76219  
VALIDATED DATA

STUDY ID:	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI	SEAD 45,46,57 RI
SDG:	76219	76219	76219	76219	76219	76219
LOC ID:	SS46-3	SS46-10	SS46-9	SS46-2	SS46-11	SS46-11
SAMP_ID:	464010	464011	464012	464013	464014	464014
FIELD_QC_CODE:	SA	SA	SA	SA	SA	SA
SAMP_DEPTH_TOP:	0	0	0	0	0	0
SAMP_DEPTH_BOT:	0.5	0.5	0.5	0.5	0.5	0.5
MATRIX:	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL
SAMP_DATE:	14-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
ethane	12 U	14 U	11 U	12 U	11 U	11 U
chloroethane	12 U	14 U	11 U	12 U	11 U	11 U
ethane	12 U	14 U	11 U	12 U	11 U	11 U
ene	12 U	14 U	11 U	12 U	11 U	11 U
ene (total)	12 U	14 U	11 U	12 U	11 U	11 U
pane	210 J	330 J	300 J	380 J	300 J	300 J
methane	12 U	14 U	2 J	12 U	11 U	11 U
ane	12 U	14 U	11 U	12 U	11 U	11 U
loride	12 U	14 U	4 J	12 U	11 U	11 U
ethane	12 U	14 U	11 U	12 U	11 U	11 U
ethane	12 U	14 U	11 U	12 U	11 U	11 U
propene	12 U	14 U	11 U	12 U	11 U	11 U
one	12 U	14 U	11 U	12 U	11 U	11 U
one	12 UJ	14 UJ	11 UJ	12 UJ	11 UJ	11 UJ
one	25	29	30	46	28	28
etone	12 U	14 U	11 U	12 U	11 U	11 U
etide	12 U	14 U	11 U	12 U	11 U	11 U
ene	12 U	14 U	11 U	12 U	11 U	11 U
ene	12 U	14 U	11 U	12 U	11 U	11 U
propene	7 J	10 J	9 J	4 J	6 J	6 J
propene	12 U	14 U	3 J	12 U	11 U	11 U
propene	12 U	14 U	11 U	12 U	11 U	11 U
propene	12 U	14 U	11 U	12 U	11 U	11 U
benzene	12 U	14 U	11 U	12 U	11 U	11 U
ene	120 U	120 U	120 U	120 U	120 U	120 U
ene	120 U	120 U	120 U	120 U	120 U	120 U
ene	120 U	120 U	120 U	120 U	120 U	120 U
ene	120 U	120 U	120 U	120 U	120 U	120 U
ene	120 U	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U	120 U





SEAD 46/57  
SDG 76219  
VALIDATED DATA

UNIT	STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE	SEAD 45,46,57 RI 76219 SS46-3 464010 SA	SEAD 45,46,57 RI 76219 SS46-10 464011 SA	SEAD 45,46,57 RI 76219 SS46-9 464012 SA	SEAD 45,46,57 RI 76219 SS46-2 464013 SA	SEAD 45,46,57 RI 76219 SS46-11 464014 SA
SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX:	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
SAMP. DATE:	14-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99	14-Dec-99
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	130 UJ	450 UJ
UG/KG	93 UJ	17 J	1,000 J	450 UJ	10 J	450 UJ
UG/KG	93 UJ	92 UJ	10 J	450 UJ	130 UJ	130 UJ
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	450 UJ	450 UJ
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	130 UJ	130 UJ
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	130 UJ	130 UJ
UG/KG	93 UJ	92 UJ	310 J	450 UJ	130 UJ	130 UJ
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	130 UJ	130 UJ
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	130 UJ	130 UJ
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	130 UJ	130 UJ
UG/KG	93 UJ	92 UJ	14 J	450 UJ	450 UJ	450 UJ
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	130 UJ	130 UJ
UG/KG	220 UJ	220 UJ	1,100 UJ	1,100 UJ	320 UJ	320 UJ
UG/KG	93 UJ	5.6 J	110 J	450 UJ	5.2 J	5.2 J
UG/KG	93 UJ	92 UJ	180 UJ	450 UJ	130 UJ	130 UJ
UG/KG	93 UJ	56 J	790 UJ	450 UJ	6.1 J	6.1 J
UG/KG	4.6 U	4.6 U	4.4 U	4.5 U	4.3 UJ	4.3 UJ
UG/KG	4.6 U	4.6 U	4.4 U	4.5 U	4.3 UJ	4.3 UJ
UG/KG	4.6 U	4.6 U	15	4.5 U	4.3 UJ	4.3 UJ
UG/KG	2.4 U	2.3 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	2.4 U	2.3 U	1.6 J	2.3 U	2.2 UJ	2.2 UJ
UG/KG	2.4 U	2.3 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	46 U	46 U	44 U	45 U	43 UJ	43 UJ
UG/KG	94 U	92 U	89 U	91 U	88 UJ	88 UJ
UG/KG	46 U	46 U	44 U	45 U	43 UJ	43 UJ
UG/KG	46 U	46 U	44 U	45 U	43 UJ	43 UJ
UG/KG	46 U	46 U	44 U	45 U	43 UJ	43 UJ
UG/KG	46 U	46 U	44 U	45 U	43 UJ	43 UJ
UG/KG	46 U	46 U	44 U	45 U	43 UJ	43 UJ
UG/KG	46 U	46 U	44 U	45 U	43 UJ	43 UJ
UG/KG	2.4 U	2.4 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	2.4 U	2.4 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	4.6 U	4.6 U	4.4 U	4.5 U	4.3 UJ	4.3 UJ
UG/KG	4.6 U	4.6 U	4.4 U	4.5 U	4.3 UJ	4.3 UJ
UG/KG	2.4 J	2.4 J	4.4 U	4.5 U	4.3 UJ	4.3 UJ
UG/KG	4.6 U	4.6 U	4.4 U	4.5 U	4.3 UJ	4.3 UJ
UG/KG	4.6 U	4.6 U	3.6 J	4.5 U	4.3 UJ	4.3 UJ
UG/KG	4.6 U	4.6 U	3.4 J	4.5 U	4.3 UJ	4.3 UJ
UG/KG	2.4 U	2.3 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	2.4 U	2.3 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	2.4 U	2.3 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	2.4 U	2.3 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	2.4 U	2.3 U	2.3 U	2.3 U	2.2 UJ	2.2 UJ
UG/KG	24 U	23 U	23 U	23 U	22 UJ	22 UJ
UG/KG	240 U	230 U	230 U	230 U	220 UJ	220 UJ
MG/KG	12,100	12,000	11,200	12,000	13,900	13,900
MG/KG	.55 UJ	.65 J	.57 UJ	.52 UJ	.53 UJ	.53 UJ

SEAD 46/57  
SDG 76219  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD 45,46,57 RI 76219 SS46-3 464010 SA	SEAD 45,46,57 RI 76219 SS46-10 464011 SA	SEAD 45,46,57 RI 76219 SS46-9 464012 SA	SEAD 45,46,57 RI 76219 SS46-2 464013 SA	SEAD 45,46,57 RI 76219 SS46-11 464014 SA
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MG/KG	4.4	5.3	4.1	4.8	6.1
MG/KG	95.1	93.6	88.4	95	96.6
MG/KG	.84 J	.88 J	.79 J	.93 J	1.1 J
MG/KG	.06 U	.08 U	.06 U	.07 U	.07 U
MG/KG	7,000.	4,570.	7,490.	5,740.	4,060.
MG/KG	18.3	18.8	18.2	19.9	22.7
MG/KG	9.8 J	10.6 J	9.7 J	11. J	12.3
MG/KG	22.9	39.8	70.	24.2	30.3
MG/KG	7 U	.67 U	.61 U	.62 U	.65 U
MG/KG	23,700. J	24,000. J	24,600. J	25,000. J	28,600. J
MG/KG	22.8 J	80.1 J	185. J	22.1 J	31.6 J
MG/KG	4,590.	3,760.	4,820.	4,180.	4,490.
MG/KG	475.	593.	585.	700.	672.
MG/KG	.15 J	.11 J	.14 J	.16 J	.12 J
MG/KG	27.2	26.7	25.1	29.4	35.7
MG/KG	1,310.	1,240. J	1,230.	1,410.	1,310.
MG/KG	.48 UJ	.62 UJ	.47 UJ	.55 UJ	.55 UJ
MG/KG	.32 UJ	.31 UJ	.34 UJ	.31 UJ	.31 UJ
MG/KG	89.1 U	203. J	93.9 J	102. U	127. J
MG/KG	1.4 J	1.3 J	1.6 J	1.9 J	2. J
MG/KG	21.5	21.9	19.6	22.4	25.4
MG/KG	75.6	78.8	72.9	84.7	83.2
MG/KG			4.5		
% WW	70.7	72.5	75.4	72.9	75.8

SEAD 46/57  
SDG 76219  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD 45 46 57 RI		SEAD 45 46 57 RI		SEAD 45 46 57 RI		SEAD 45 46 57 RI		SEAD 45 46 57 RI	
	76219 SS46-16 464015 SA 0 0.5 SURFACE SOIL 14-Dec-99	76219 SS46-8 464016 SA 0 0.5 SURFACE SOIL 15-Dec-99	76219 SB57-6 574019 SA 0 2 SOIL 5-Dec-99	76219 SB57-6 574021 SA 0 4 SOIL 5-Dec-99	76219 SB57-6 574021 SA 0 4 SOIL 5-Dec-99	76219 SB57-6 574021 SA 0 4 SOIL 5-Dec-99	76219 SB57-6 574021 SA 0 4 SOIL 5-Dec-99	76219 SB57-6 574021 SA 0 4 SOIL 5-Dec-99	76219 SB57-6 574021 SA 0 4 SOIL 5-Dec-99	76219 SB57-6 574021 SA 0 4 SOIL 5-Dec-99
UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ethane	12	U	9	U	12	U	8	U	9	U
propene	12	U	9	UJ	12	U	8	UJ	9	UJ
butane	12	U	9	U	12	U	8	U	9	U
pentane	12	U	9	U	12	U	8	U	9	U
hexane	12	U	9	U	12	U	8	U	9	U
heptane	12	U	9	U	12	U	8	U	9	U
octane	12	U	9	U	12	U	8	U	9	U
nonane	12	U	9	U	12	U	8	U	9	U
decane	12	U	9	U	12	U	8	U	9	U
undecane	12	U	9	U	12	U	8	U	9	U
dodecane	12	U	9	U	12	U	8	U	9	U
tridecane	12	U	9	U	12	U	8	U	9	U
tetradecane	12	U	9	U	12	U	8	U	9	U
pentadecane	12	U	9	U	12	U	8	U	9	U
hexadecane	12	U	9	U	12	U	8	U	9	U
heptadecane	12	U	9	U	12	U	8	U	9	U
octadecane	12	U	9	U	12	U	8	U	9	U
nonadecane	12	U	9	U	12	U	8	U	9	U
triacontane	12	U	9	U	12	U	8	U	9	U
methane	12	U	9	U	12	U	8	U	9	U
ethane	12	U	9	U	12	U	8	U	9	U
propane	12	U	9	U	12	U	8	U	9	U
butane	12	U	9	U	12	U	8	U	9	U
pentane	12	U	9	U	12	U	8	U	9	U
hexane	12	U	9	U	12	U	8	U	9	U
heptane	12	U	9	U	12	U	8	U	9	U
octane	12	U	9	U	12	U	8	U	9	U
nonane	12	U	9	U	12	U	8	U	9	U
decane	12	U	9	U	12	U	8	U	9	U
undecane	12	U	9	U	12	U	8	U	9	U
dodecane	12	U	9	U	12	U	8	U	9	U
tridecane	12	U	9	U	12	U	8	U	9	U
tetradecane	12	U	9	U	12	U	8	U	9	U
pentadecane	12	U	9	U	12	U	8	U	9	U
hexadecane	12	U	9	U	12	U	8	U	9	U
heptadecane	12	U	9	U	12	U	8	U	9	U
octadecane	12	U	9	U	12	U	8	U	9	U
nonadecane	12	U	9	U	12	U	8	U	9	U
triacontane	12	U	9	U	12	U	8	U	9	U
nitroethane	12	U	9	U	12	U	8	U	9	U
nitropropane	12	U	9	U	12	U	8	U	9	U
nitrobenzene	12	U	9	U	12	U	8	U	9	U
nitrotoluene	12	U	9	U	12	U	8	U	9	U
nitrochlorobenzene	12	U	9	U	12	U	8	U	9	U
nitrodichlorobenzene	12	U	9	U	12	U	8	U	9	U
nitrotrichlorobenzene	12	U	9	U	12	U	8	U	9	U
nitrofluorobenzene	12	U	9	U	12	U	8	U	9	U
nitrochloroethane	12	U	9	U	12	U	8	U	9	U
nitrodichloroethane	12	U	9	U	12	U	8	U	9	U
nitrotrichloroethane	12	U	9	U	12	U	8	U	9	U
nitrofluoroethane	12	U	9	U	12	U	8	U	9	U
nitromethane	12	U	9	U	12	U	8	U	9	U
nitroethane	12	U	9	U	12	U	8	U	9	U
nitropropane	12	U	9	U	12	U	8	U	9	U
nitrobutane	12	U	9	U	12	U	8	U	9	U
nitropentane	12	U	9	U	12	U	8	U	9	U
nitrohexane	12	U	9	U	12	U	8	U	9	U
nitroheptane	12	U	9	U	12	U	8	U	9	U
nitrooctane	12	U	9	U	12	U	8	U	9	U
nitrononane	12	U	9	U	12	U	8	U	9	U
nitrododecane	12	U	9	U	12	U	8	U	9	U
nitrohexane	12	U	9	U	12	U	8	U	9	U
nitroheptane	12	U	9	U	12	U	8	U	9	U
nitrooctane	12	U	9	U	12	U	8	U	9	U
nitrononane	12	U	9	U	12	U	8	U	9	U
nitrododecane	12	U	9	U	12	U	8	U	9	U
nitrohexane	12	U	9	U	12	U	8	U	9	U
nitroheptane	12	U	9	U	12	U	8	U	9	U
nitrooctane	12	U	9	U	12	U	8	U	9	U
nitrononane	12	U	9	U	12	U	8	U	9	U
nitrododecane	12	U	9	U	12	U	8	U	9	U



SEAD 46/57  
SDG 76219  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE	SEAD 45 46,57 RI		SEAD 45 46,57 RI		SEAD 45 46,57 RI		SEAD 45 46,57 RI		SEAD 45 46,57 RI			
	76219 SS46-16 464015 SA 0 0.5 SURFACE SOIL 14-Dec-99	VALUE	Q	76219 SS46-8 464016 SA 0 0.5 SURFACE SOIL 15-Dec-99	VALUE	Q	76219 SB57-6 574019 SA 0 2 SOIL 5-Dec-99	VALUE	Q	76219 SB57-6 574020 SA 2 4 SOIL 5-Dec-99	VALUE	Q
UNIT	88	UJ	75	UJ	90	UJ	74	UJ	74	UJ	74	UJ
UG/KG	9.3	J	42	J	10	J	74	U	74	U	74	U
UG/KG	88	UJ	75	UJ	90	U	74	U	74	U	74	U
UG/KG	88	UJ	75	UJ	90	UJ	74	UJ	74	UJ	74	UJ
UG/KG	88	UJ	75	UJ	90	U	74	U	74	U	74	U
UG/KG	88	UJ	75	UJ	90	U	74	U	74	U	74	U
UG/KG	88	UJ	75	UJ	90	U	74	U	74	U	74	U
UG/KG	88	UJ	75	UJ	90	U	74	U	74	U	74	U
UG/KG	88	UJ	75	UJ	90	U	74	U	74	U	74	U
UG/KG	210	UJ	180	UJ	220	U	180	U	180	U	180	U
UG/KG	5.6	J	15	J	10	J	74	U	74	U	74	U
UG/KG	88	UJ	75	UJ	90	U	74	U	74	U	74	U
UG/KG	9.1	J	38	J	9.9	J	74	U	74	U	74	U
UG/KG	4.4	U	3.7	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	4.4	U	4.6	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	4.4	U	2.3	J	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	1.5	J	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	4.4	U	3.7	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	88	U	75	U	92	U	75	U	75	U	75	U
UG/KG	4.4	U	3.7	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	4.4	U	3.7	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	4.4	U	3.7	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	4.4	U	3.7	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	4.4	U	3.7	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	4.4	U	3.7	U	4.5	U	3.7	U	3.7	U	3.7	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
UG/KG	2.2	U	1.9	U	2.3	U	1.9	U	1.9	U	1.9	U
MG/KG	11,100		9,820		16,400		12,300		14,900		14,900	
MG/KG	57	J	2.3	J	73	J	61	J	82	J	82	J

SEAD 48/57  
SDG 76219  
VALIDATED DATA

	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI
STUDY ID:	76219	76219	76219	76219	76219	76219
SDG:	SS46-16	SS46-8	SS46-8	SB57-6	SB57-6	SB57-6
LOC ID:	464015	464016	464016	574019	574020	574021
SAMP_ID:	SA	SA	SA	SA	SA	SA
FIELD QC CODE:	0	0	0	2	2	4
SAMP_DEPTH.TOP:	0.5	0.5	0.5	2	4	6
SAMP_DEPTH.BOT:						
MATRIX:	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SOIL	SOIL	SOIL
SAMP_DATE:	14-Dec-99	15-Dec-99	15-Dec-99	5-Dec-99	5-Dec-99	5-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MG/KG	4.1	4	4.5	4.6	5.5	4.6
MG/KG	77.5	77.5	126	66.5	66.5	62
MG/KG	79 J	.61 J	1.1 J	.8 J	.8 J	.93 J
MG/KG	.07 U	.07 U	.06 U	.05 U	.05 U	.06 U
MG/KG	2,610	47,900	5,590	60,600	60,600	2,580
MG/KG	16	16.6	22.2	27.4	27.4	27.4
MG/KG	10.1 J	9.1 J	11.7 J	13.1	14.9	14.9
MG/KG	16.5	147	25.8	27.1	19.4	19.4
MG/KG	65 U	53 U	66 U	56 U	56 U	56 U
MG/KG	19,500 J	21,600 J	28,700 J	27,900 J	34,400 J	34,400 J
MG/KG	26.4 J	913 J	21.5 J	9.8 J	4.4 J	4.4 J
MG/KG	2,850	12,800	4,330	14,300	6,740	6,740
MG/KG	750	468	644	483	555	555
MG/KG	.17 J	.11 J	.09 J	.08 J	.1 J	.1 J
MG/KG	19.1	28	33.4	42.9	45.7	45.7
MG/KG	976 J	1,060 J	1,250	1,180	1,180	1,180
MG/KG	.55 UJ	.53 UJ	.56 J	.44 UJ	.5 UJ	.5 UJ
MG/KG	34 UJ	.25 UJ	.31 UJ	.28 UJ	.29 UJ	.29 UJ
MG/KG	108 J	230 J	108 J	214 J	155 J	155 J
MG/KG	1.6 J	1.5 J	2.4	1.6 J	1.7 J	1.7 J
MG/KG	19.6	17	29.8	19.7	20.2	20.2
MG/KG	58	78	100	120	107	107
MG/KG			.07	.59	1.4	1.4
% WW	75.3	88.3	73.1	88.7	88.8	88.8







SEAD 4657  
SDG 76351  
VALIDATED DATA

STUDY ID SDG 1 ID SAMP	SEAD 45 46 57 RI 7651 SWS 46001	SEAD 45 46 57 RI 7651 SWS 46001	SEAD 45 46 57 RI 7651 SWS 46001	SEAD 45 46 57 RI 7651 SWS 46001	SEAD 45 46 57 RI 7651 SWS 46001	SEAD 45 46 57 RI 7651 SWS 46001	SEAD 45 46 57 RI 7651 SWS 46001	SEAD 45 46 57 RI 7651 SWS 46001	SEAD 45 46 57 RI 7651 SWS 46001
FIELD AC CODE	SA	SA	SA	SA	SA	SA	SA	SA	SA
SAMP DEPTH TOP	0	0	0	0	0	0	0	0	0
SAMP DEPTH BOT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MATRIX	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SAMP_DATE	17-Dec-99	17-Dec-99	17-Dec-99	17-Dec-99	17-Dec-99	17-Dec-99	17-Dec-99	17-Dec-99	15-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MG/KG	03 U	04 U	06 U	06 U	06 U	06 U	06 U	06 U	07 U
MG/KG	4,940 J	3,470 J	89,300 J	2,640 J	96,200 J	21,800 J	21,800 J	21,800 J	7,910 J
MG/KG	12 J	159 J	23 J	22.6 J	17.8 J	18.9 J	18.9 J	18.9 J	21 J
MG/KG	215 J	193 J	325 J	139 J	8.8 J	21.3 J	21.3 J	21.3 J	10.7 J
MG/KG	30,04 U	73 U	39,102 U	29,9 U	203 U	21.3 U	21.3 U	21.3 U	31.8 U
MG/KG	12.1 J	29,754 J	39,102 J	30,150 J	21,000 J	21,000 J	21,000 J	21,000 J	24,800 J
MG/KG	213 J	15.4 J	22 J	20.2 J	810 J	21.2 J	21.2 J	21.2 J	48.7 J
MG/KG	5,450 J	4,770 J	8,510 J	4,680 J	20,400 J	5,170 J	5,170 J	5,170 J	11,100 J
MG/KG	371 J	1,070 J	756 J	537 J	553 J	295 J	295 J	295 J	611 J
MG/KG	07 J	06 U	04 U	07 J	06 U	07 U	07 U	07 U	06 J
MG/KG	36 J	31.8 J	47.4 J	36.2 J	29.5 J	33.7 J	33.7 J	33.7 J	28.4 J
MG/KG	867	1,410 J	1,260 J	1,120 J	1,300 J	1,000 J	1,000 J	1,000 J	1,720 J
MG/KG	41 U	79 U	55 U	65 U	52 U	5 U	5 U	5 U	65 U
MG/KG	21 U	30 U	29 U	34 U	41 U	39 U	39 U	39 U	42 U
MG/KG	99.8 J	116 J	69.8 J	75 U	152 J	92.2 J	92.2 J	92.2 J	121 U
MG/KG	1.8	2.4 J	3.7	1.8 J	1.5 J	1.3 J	1.3 J	1.3 J	2.2 J
MG/KG	21.8	29.3	27.5	26.4	16.1	13.9	13.9	13.9	17.7 J
MG/KG	10.7 J	14.4 J	18.7	17.3 J	17.9 J	47.3 J	47.3 J	47.3 J	29.9 J
MG/KG	0.9	0.6	0.6	0.3	27	0.1 U	0.1 U	0.1 U	71.3 J
% VV	81.8	67.9	84.9	72.7	87.8	74.9	74.9	74.9	51
MG/KG	3,960	17,600	37,300	10,100	87.8	72.9	72.9	72.9	75.7
PH units	7.89	7.73	7.87	7.52					











SEAD 4657  
SDG 76351  
VALIDATED DATA

STUDY ID	SEAD 45 46 57 RI	SEAD 45 46 57 RI	SEAD 45 46 57 RI	SEAD 45 46 57 RI	SEAD 45 46 57 RI
SDG	76351	76351	76351	76351	76351
LOC ID	5346-17	5346-22	5346-23	5346-24	5346-24
SAMP ID	484029	484031	484032	484033	484033
FIELD CC CODE	SA	SA	SA	SA	SA
SAMP DEPTH TOP	0	0	0	0	0
SAMP DEPTH BOT	0	0	0	0	0
SAMP MEDIA PROX	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL
SAMP DATE	18-Dec-98	18-Dec-98	18-Dec-98	18-Dec-98	18-Dec-98
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MGKG	05 U	05 U	04 U	04 U	04 U
MGKG	7.40 J	4.110 J	4.330 J	3.390 J	3.390 J
MGKG	13	15.5 J	12.2 J	16.9 J	16.9 J
MGKG	6.1 J	9.3 J	8.1 J	16.2	16.2
MGKG	21.4 J	22 J	21.8 J	27.6 J	27.6 J
MGKG	19.200 J	24.200 J	24.400 J	32.500 J	32.500 J
MGKG	22.1 J	27.7 J	28.3 J	4.850 J	4.850 J
MGKG	3.26 J	3.72 J	3.48 J	1.000 J	1.000 J
MGKG	245	57 J	488 J	1.000 J	1.000 J
MGKG	07 J	08 J	12	06 U	06 U
MGKG	18.7 J	25.3 J	24.5 J	43.3 J	43.3 J
MGKG	1.260 J	1.630 J	1.630 J	1.320 J	1.320 J
MGKG	81 J	1.60 U	1.60 U	45 U	45 U
MGKG	33 UJ	31 UJ	28 UJ	24 UJ	24 UJ
MGKG	75.1 J	88.8 U	63.3 U	52.6 U	52.6 U
MGKG	91 J	1.2 J	2.3	2.5	2.5
MGKG	233	24.7	23.7	26.7	26.7
MGKG	89.1 J	84.4 J	78.2 J	115. J	115. J
MEQ/100G	84	16	43	85	85
W V W	71.2	70	67.1	73.3	73.3
PH Units					

SEAD 46/57  
SDG 76376  
VALIDATED DATA

STUDY ID:	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI
SQG	76376	76376	76376	76376	76376	76376	76376
LOC ID:	SS57-10	SS57-11	SS57-12	SS57-13	SS57-14	SS57-15	SS57-16
SAMP ID:	574023	574024	574025	574026	574027	574028	574029
FIELD QC CODE	SA	SA	SA	SA	SA	SA	SA
SAMP_DEPTH TOP	0	0	0	0	0	0	0
SAMP_DEPTH BOT	2	2	2	2	2	2	2
MATRIX:	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL
SAMP_DATE:	19-Dec-99	19-Dec-99	19-Dec-99	19-Dec-99	19-Dec-99	19-Dec-99	19-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
Trichloroethane	UG/KG	14. U	13. U	13. U	12. U	12. U	12. U
1,2-Dichloroethane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
Trichloroethane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
Dichloroethane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
Dichloroethane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
Dichloroethane (total)	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
Dichloropropane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
ene	UG/KG	76. J	160. J	170. J	140. J	270. J	
ene	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
odochloromethane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
oform	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
on disulfide	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
on tetrachloride	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
obenzene	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
odibromomethane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
oethane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
oform	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
3-Dichloropropane	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
benzene	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
yl bromide	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
yl butyl ketone	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
yl chloride	UG/KG	10. J	15. J	18. J	17. J	25. J	
yl ethyl ketone	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
yl isobutyl ketone	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
ylene chloride	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
ne	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
chloroethene	UG/KG	8. J	8. J	10. J	6. J	7. J	
ene	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
Xylenes	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
1,3-Dichloropropene	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
loroethene	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
chloride	UG/KG	11. U	14. U	13. U	13. U	12. U	12. U
-Trinitrobenzene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
-Nitrobenzene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
-Trinitrotoluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
-Nitrotoluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
-Nitrotoluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
toluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
ino-4,6-Dinitrotoluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
toluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
toluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
ino-2,6-Dinitrotoluene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
benzene	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U
	UG/KG	120. U	120. U	120. U	120. U	120. U	120. U



SEAD 46/57  
SDG 76376  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD 45/46/57 RI 76376 SS57-10 574023 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-11 574024 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-12 574025 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-13 574026 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-14 574027 SA 0 2 SURFACE SOIL 19-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
IMETER					
Trichlorobenzene	86 U	93 U	93 U	90 U	86 U
chlorobenzene	86 UJ	86 UJ	94 UJ	90 UJ	86 UJ
chlorobenzene	86 U	93 U	94 U	90 U	86 U
chlorobenzene	86 U	93 U	94 U	90 U	86 U
Trichlorophenol	210 U	220 U	230 U	220 U	210 U
Trichlorophenol	86 U	93 U	94 U	90 U	86 U
chlorophenol	86 U	93 U	94 U	90 U	86 U
dimethylphenol	86 U	93 U	94 U	90 U	86 U
nitrophenol	210 UJ	220 UR	230 UR	220 UR	210 UR
nitrochlorobenzene	86 U	93 U	94 U	90 U	86 U
nitrochlorobenzene	86 U	93 U	94 U	90 U	86 U
nitrochlorobenzene	86 U	93 U	94 U	90 U	86 U
nonaphthalene	86 U	93 U	94 U	90 U	86 U
crochlorophenol	86 U	93 U	94 U	90 U	86 U
hydroxyphenol	86 UJ	93 UJ	94 UJ	90 UJ	86 UJ
phenol	86 U	93 U	94 U	90 U	86 U
benzidine	210 U	220 U	230 U	220 U	210 U
phenol	86 U	93 U	94 U	90 U	86 U
phenol	86 U	93 U	94 U	90 U	86 U
nitrochlorobenzidine	86 U	93 U	94 U	90 U	86 U
benzidine	210 U	220 U	230 U	220 U	210 U
nitro-2-methylphenol	210 U	220 UJ	230 UJ	220 UJ	210 UJ
mophenyl phenyl ether	86 U	93 U	94 U	90 U	86 U
oro-3-methylphenol	86 U	93 U	94 U	90 U	86 U
croamline	86 U	93 U	94 U	90 U	86 U
crochlorophenyl phenyl ether	86 U	93 U	94 U	90 U	86 U
hyphenol	86 U	93 U	94 U	90 U	86 U
benzidine	210 UJ	220 U	230 U	220 U	210 U
phenol	210 U	220 U	230 U	220 U	210 U
phenol	86 U	93 U	94 U	90 U	86 U
phenol	86 U	93 U	94 U	90 U	86 U
phenylene	86 U	93 U	94 U	90 U	86 U
acene	86 U	93 U	94 U	90 U	86 U
(e)anthracene	86 U	93 U	94 U	90 U	86 U
(a)pyrene	86 U	93 U	94 U	90 U	86 U
(b)fluoranthene	86 U	93 U	94 U	90 U	86 U
(g)perylene	86 U	93 U	94 U	90 U	86 U
(k)fluoranthene	86 UJ	93 UJ	94 UJ	90 UJ	86 UJ
Chloroethoxymethane	86 U	93 U	94 U	90 U	86 U
Chloroethoxyether	86 U	93 U	94 U	90 U	86 U
Chloroisopropyl ether	86 U	93 U	94 U	90 U	86 U
Ethylhexylphthalate	86 UJ	93 UJ	94 UJ	90 UJ	86 UJ
benzylphthalate	86 U	93 U	94 U	90 U	86 U
azetole	86 U	93 UJ	94 UJ	90 UJ	86 UJ
ene	86 U	93 U	94 U	90 U	86 U
butylphthalate	86 UJ	93 UJ	94 UJ	90 UJ	86 UJ
octylphthalate	86 U	93 U	94 U	90 U	86 U
z(a,h)anthracene	86 U	93 U	94 U	90 U	86 U
zofuran	86 U	93 U	94 U	90 U	86 U
l phthalate	86 U	93 UJ	94 UJ	90 UJ	86 UJ

SEAD 46/57  
SDG 76376  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45/46/57 RI 76376 SS57-11 574024 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-12 574025 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-13 574026 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-14 574027 SA 0 2 SURFACE SOIL 19-Dec-99
NAME				
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/KG	93 UJ	94 UJ	90 UJ	86 UJ
anthene	11 J	5.9 J	4.8 J	10 J
anthene	86 U	94 U	90 U	86 U
chlorobenzene	93 UJ	94 UJ	90 UJ	86 UJ
chlorobutadiene	86 U	94 U	90 U	86 U
chlorocyclopentadiene	86 U	94 U	90 U	86 U
chloroethane	86 U	94 U	90 U	86 U
1,2,3-cdpyrene	86 U	6 J	90 U	6.7 J
crone	86 U	94 U	90 U	86 U
1,2,3-cdpyrene	86 U	94 U	90 U	86 U
osodiphenylamine	86 U	94 U	90 U	86 U
osodipropylamine	86 U	94 U	90 U	86 U
thalene	86 UJ	94 UJ	90 UJ	86 UJ
benzene	86 U	94 U	90 U	86 U
chlorophenol	210 UJ	220 UJ	220 UJ	210 UJ
anthrene	5.9 J	3.6 J	90 U	6.7 J
ol	86 U	94 U	90 U	86 U
he	11 J	4.8 J	4.3 J	9.9 J
he	4.3 U	4.6 U	4.5 U	4.3 U
IDE	4.3 U	4.6 U	4.5 U	4.3 U
IDT	4.3 U	4.6 U	4.5 U	4.3 U
BHC	2.2 U	2.4 U	2.3 U	2.2 U
-Chlorodane	2.2 U	2.4 U	2.3 U	2.2 U
-1016	2.2 U	2.4 U	2.3 U	2.2 U
-1221	87 U	94 U	91 U	88 U
-1232	4.3 U	4.6 U	4.5 U	4.3 U
-1242	4.3 U	4.6 U	4.5 U	4.3 U
-1248	4.3 U	4.6 U	4.5 U	4.3 U
-1254	4.3 U	4.6 U	4.5 U	4.3 U
-1260	4.3 U	4.6 U	4.5 U	4.3 U
BHC	2.2 U	2.4 U	2.3 U	2.2 U
BHC	2.2 U	2.4 U	2.3 U	2.2 U
in	4.3 U	4.6 U	4.5 U	4.3 U
sulfan I	2.2 U	2.4 U	2.3 U	2.2 U
sulfan II	4.3 U	4.6 U	4.5 U	4.3 U
sulfan sulfate	4.3 U	4.6 U	4.5 U	4.3 U
n	4.3 U	4.6 U	4.5 U	4.3 U
n aldehyde	4.3 U	4.6 U	4.5 U	4.3 U
n ketone	4.3 U	4.6 U	4.5 U	4.3 U
ma-BHC/Lindane	2.2 U	2.4 U	2.3 U	2.2 U
na-Chloridane	2.2 U	2.4 U	2.3 U	2.2 U
nchlor	2.2 U	2.4 U	2.3 U	2.2 U
nchlor epoxide	2.2 U	2.4 U	2.3 U	2.2 U
oxychlor	2.2 U	2.4 U	2.3 U	2.2 U
ophene	220 U	240 U	230 U	220 U
inum	12,100	14,400	14,100	9,110
ony	66 J	81 J	86 J	51 UR

SEAD 46/57  
SDG 76376  
VALIDATED DATA

STUDY ID:	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI
SDG:	76376	76376	76376	76376	76376	76376
LOC ID:	SS57-10	SS57-11	SS57-12	SS57-13	SS57-14	SS57-14
SAMP ID:	574023	574024	574025	574026	574027	574027
FIELD QC CODE:	SA	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	0	0	0	0	0	0
SAMP. DEPTH BOT:	2	2	2	2	2	2
MATRIX:	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL
SAMP. DATE:	19-Dec-99	19-Dec-99	19-Dec-99	19-Dec-99	19-Dec-99	19-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
AMMETER	Q	Q	Q	Q	Q	Q
nic	4.1	4.2	5.4	4.	2.7	2.7
um	74.2	81.4	122	93.9	38.5	38.5
ilium	.76	.9	1.4	.97	.32	.32
nitium	.05	.05	.06	.05	.05	.05
ium	11,900	2,990	3,800	3,110	925	925
inium	17.	20.7	18.6	18.1	7.5	7.5
alt	9.4	10.4	9.9	8.5	3.6	3.6
ber	26.4	17.4	16.7	15.3	7.9	7.9
ide	.61	.65	.68	.62	.64	.64
ium	19,900	25,100	24,000	21,200	10,600	10,600
esium	24.4	19.6	22.2	18.6	17.3	17.3
nesium	3,820	4,270	3,350	3,380	1,420	1,420
ganese	486.	599.	1,260	519.	142.	142.
ary	.06	.06	.08	.07	.07	.07
el	24.	23.9	18.4	17.8	6.8	6.8
ssium	1,130	1,220	1,300	1,150	507	507
inium	1.6	.81	1.9	.87	.58	.58
ir	.34	.35	.37	.3	.3	.3
ium	73.4	77	81.4	66.6	67.5	67.5
ium	2.	3.5	4.1	2.	7.5	7.5
adium	23.2	24.5	29.4	27.	16.1	16.1
adium	67.1	66.3	56.4	53.3	55.2	55.2
ter/Nitrite Nitrogen	.53	.35	.63	.66	.03	.03



SEAD 46/57  
SDG 76376  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	SEAD 45/46/57 RI 76376 SS57-15 574028 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-16 574029 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-17 574030 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-18 574031 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-19 574032 SA 0 2 SURFACE SOIL 19-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
AMETER	Q	Q	Q	Q	Q
-Trichlorobenzene	85. U	87. U	89. U	87. U	84. U
chlorobenzene	85. UJ	87. UJ	89. UJ	87. UJ	84. UJ
-Dichlorobenzene	85. U	87. U	89. U	87. U	84. U
-Chlorobenzene	85. U	87. U	89. U	87. U	84. U
-Trichlorophenol	200. U	210. U	220. U	210. U	200. U
-Trichlorophenol	85. U	87. U	89. U	87. U	84. U
-Dichlorophenol	85. U	87. U	89. U	87. U	84. U
-Dimethylphenol	85. U	87. U	89. U	87. U	84. U
-Dinitrophenol	200. UR	210. UR	220. UR	210. UR	200. UR
-Dinitrotoluene	85. U	87. U	89. U	87. U	84. U
-Dinitrotoluene	85. U	87. U	89. U	87. U	84. U
-loronaphthalene	85. U	87. U	89. U	87. U	84. U
-lorophenol	85. U	87. U	89. UJ	87. UJ	84. UJ
-Dihydroaphthalene	85. U	87. U	89. U	87. U	84. U
-Dihydrophenol	85. U	87. U	89. U	87. U	84. U
-roaniline	200. U	210. U	220. U	210. U	200. U
-rophenol	85. U	87. U	89. U	87. U	84. U
-Dichlorobenzidine	85. U	87. U	89. U	87. U	84. U
-roaniline	200. U	210. U	220. U	210. U	200. U
-Dinitro-2-methylphenol	200. UJ	210. UJ	220. UJ	210. UJ	200. UJ
-Dinitrophenyl ether	85. U	87. U	89. U	87. U	84. U
-Dinitro-3-methylphenol	85. U	87. U	89. U	87. U	84. U
-loroaniline	85. U	87. U	89. U	87. U	84. U
-lorophenyl phenyl ether	85. U	87. U	89. U	87. U	84. U
-Dihydrophenol	85. U	87. U	89. U	87. U	84. U
-roaniline	200. U	210. U	220. U	210. U	200. U
-rophenol	200. U	210. U	220. U	210. U	200. U
-naphthalene	85. U	87. U	89. U	87. U	84. U
-naphthylene	85. U	87. U	89. U	87. U	84. U
-racene	85. U	87. U	89. U	87. U	84. U
-to(a)anthracene	85. U	87. U	89. U	87. U	84. U
-to(a)pyrene	85. U	87. U	89. U	87. U	84. U
-to(b)fluoranthene	85. U	87. U	89. U	87. U	84. U
-to(ghi)perylene	6.4 J	87. U	89. U	87. U	84. U
-to(k)fluoranthene	85. UJ	87. UJ	89. UJ	87. UJ	6.9 UJ
-Chloroethoxymethane	85. U	87. U	89. U	87. U	84. U
-Chloroethyl ether	85. U	87. U	89. U	87. U	84. U
-Chloroisopropylether	85. U	87. U	89. U	87. U	84. U
-Ethylhexylphthalate	85. U	87. U	89. U	87. U	84. U
-benzylphthalate	85. U	87. U	89. U	87. U	84. U
-sazolo	85. UJ	87. UJ	89. UJ	87. UJ	84. UJ
-sene	85. U	87. U	89. U	87. U	84. U
-butylphthalate	85. U	87. U	89. U	87. U	84. U
-oocyphtalate	85. UJ	87. UJ	89. UJ	87. UJ	84. UJ
-nanz(a,h)anthracene	85. U	87. U	89. U	87. U	84. U
-nzofuran	85. U	87. U	89. U	87. U	84. U
-yl.phthalate	85. UJ	87. UJ	89. UJ	87. UJ	84. U

SEAD 46/57  
SDG 76376  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45/46/57 RI 76376 SS57-15 574028 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-17 574030 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-18 574031 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-19 574032 SA 0 2 SURFACE SOIL 19-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q
METER				
UG/KG	85 UJ	89 UJ	87 UJ	84 UJ
ethylphthalate	10 J	4.6 J	4.1 J	4.7 J
arathene	85 U	89 U	87 U	84 U
ene	85 UJ	89 UJ	87 UJ	84 UJ
chlorobenzene	85 U	89 U	87 U	84 U
chlorobutadiene	85 U	89 U	87 U	84 U
chlorocyclopentadiene	85 U	89 U	87 U	84 U
chloroethane	85 U	89 U	87 U	84 U
no(1,2,3-cd)pyrene	7.1 J	89 U	87 U	84 U
orone	85 U	89 U	87 U	84 U
rosodiphenylamine	85 U	89 U	87 U	84 U
rosodipropylamine	85 U	89 U	87 U	84 U
nitralene	85 UJ	89 UJ	87 UJ	84 UJ
benzene	85 U	89 U	87 U	84 U
achlorophenol	200 UJ	200 UJ	210 UJ	200 UJ
anthrene	6.8 J	89 U	87 U	84 U
ol	85 U	5.9 J	87 U	84 U
ne	8.9 J	4 J	7.6 J	6.4 J
DDD	4.2 U	4.4 U	4.3 U	4.2 U
DDE	4.2 U	4.4 U	4.3 U	4.2 U
DDE	4.2 U	4.4 U	4.3 U	4.2 U
DDT	2.2 U	2.3 U	2.2 U	2.2 U
UG/KG	2.2 U	2.3 U	2.2 U	2.2 U
BHC	2.2 U	2.3 U	2.2 U	2.2 U
Chlordane	2.2 U	2.3 U	2.2 U	2.2 U
lor-1016	4.2 U	4.4 U	4.3 U	4.2 U
lor-1221	86 U	90 U	88 U	86 U
lor-1232	42 U	44 U	43 U	42 U
lor-1242	42 U	44 U	43 U	42 U
or-1248	4.2 U	4.4 U	4.3 U	4.2 U
or-1254	4.2 U	4.4 U	4.3 U	4.2 U
or-1260	4.2 U	4.4 U	4.3 U	4.2 U
BHC	2.2 U	2.3 U	2.2 U	2.2 U
BHC	2.2 U	2.3 U	2.2 U	2.2 U
rin	4.2 U	4.4 U	4.3 U	4.2 U
usulfan I	2.2 U	2.3 U	2.2 U	2.2 U
usulfan II	4.2 U	4.4 U	4.3 U	4.2 U
usulfan sulfate	4.2 U	4.4 U	4.3 U	4.2 U
in aldehyde	4.2 U	4.4 U	4.3 U	4.2 U
in ketone	4.2 U	4.4 U	4.3 U	4.2 U
ma-BHC/Lindane	2.2 U	2.3 U	2.2 U	2.2 U
ma-Chlordane	2.2 U	2.3 U	2.2 U	2.2 U
achlor	2.2 U	2.3 U	2.2 U	2.2 U
achlor epoxide	2.2 U	2.3 U	2.2 U	2.2 U
oxychlor	2.2 U	2.3 U	2.2 U	2.2 U
phenone	220 U	230 U	220 U	220 U
inurn	10,100	11,400	12,600	12,600
nonyl	54 UR	1.1 J	1.6 J	62 J

SEAD 46/57  
SDG 76376  
VALIDATED DATA

PARAMETER	UNIT	SEAD 45/46/57 RI 76376	SEAD 45/46/57 RI 76376	SEAD 45/46/57 RI 76376	SEAD 45/46/57 RI 76376	SEAD 45/46/57 RI 76376
Ammonium Nitric	MG/KG	61 UJ	2.6	3.7	5.1 J	2.7
Ammonium	MG/KG	39.9 J	64.6	65.4	98.4	74.1
Ammonium	MG/KG	.32 J	.56 J	.71 J	1.1 J	.72 J
Ammonium	MG/KG	.05 U	.05 U	.04 U	.05 U	.04 U
Ammonium	MG/KG	974. J	1,700.	1,580.	1,750.	1,010.
Ammonium	MG/KG	7.8	12.8	14.1	15.5	14.3
Ammonium	MG/KG	3.9 J	6.2 J	7.5 J	15.3	9.4 J
Ammonium	MG/KG	7.6	12.9	13.1	13.3	12.6
Ammonium	MG/KG	.6 U	.63 U	.63 U	.62 U	.57 U
Ammonium	MG/KG	10,800	15,600.	18,600.	23,500.	16,600.
Ammonium	MG/KG	13.9 J	16.5 J	21.5 J	23.5 J	19.9 J
Ammonium	MG/KG	1,890. J	2,300. J	1,960. J	2,330. J	2,530. J
Ammonium	MG/KG	99.3	388.	561.	1,400.	556.
Ammonium	MG/KG	.08 J	.07 J	.07 J	.08 J	.08 J
Ammonium	MG/KG	6.5 J	12.8	13.2	13.3	14.3
Ammonium	MG/KG	351. J	933. J	1,030. J	990. J	913. J
Ammonium	MG/KG	.73 J	.65 J	.65 J	1.5 J	1.4 J
Ammonium	MG/KG	32 UJ	3 UJ	27 UJ	32 UJ	36 J
Ammonium	MG/KG	70.6 U	66. U	61.1 U	70.3 U	62.5 U
Ammonium	MG/KG	.78 U	2. J	2.7	3.8	3.6
Ammonium	MG/KG	16.1	20.7	23.6	26	22.3
Ammonium	MG/KG	51.3	56.9	48.6	50.4	57.6
Ammonium	MG/KG	.04	.41	.2	.93	.38

SEAD 46/57  
SDG 76376  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45/46/57 RI 76376 SS57-20 574033 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-21 574034 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-22 574035 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-23 574036 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-27 574040 SA 0 2 SURFACE SOIL 20-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
QUAMETER	11. U	13. U	11. U	13. U	13. U
1-Trichloroethane	11. U	13. U	11. U	13. U	13. U
2,2-Tetrachloroethane	11. U	13. U	11. U	13. U	13. U
2,2-Trichloroethane	11. U	13. U	11. U	13. U	13. U
Dichloroethane	11. U	13. U	11. U	13. U	13. U
Dichloroethane	11. U	13. U	11. U	13. U	13. U
Dichloroethane	11. U	13. U	11. U	13. U	13. U
Dichloroethane (total)	11. U	13. U	11. U	13. U	13. U
Dichloropropane	11. U	13. U	11. U	13. U	13. U
ene	220. J	210. J	200. J	63. J	260. J
ene	11. U	13. U	11. U	13. U	13. U
modichloromethane	11. U	13. U	11. U	13. U	13. U
mon	11. U	13. U	11. U	13. U	13. U
mon disulfide	11. U	13. U	11. U	13. U	13. U
mon tetrachloride	11. U	13. U	11. U	13. U	13. U
probenzene	11. U	13. U	11. U	13. U	13. U
prodi-bromomethane	11. U	13. U	11. U	13. U	13. U
proethane	11. U	13. U	11. U	13. U	13. U
proform	11. U	13. U	11. U	13. U	13. U
1,3-Dichloropropene	11. U	13. U	11. U	13. U	13. U
yl benzene	11. U	13. U	11. U	13. U	13. U
yl bromide	11. U	13. U	11. U	13. U	13. U
yl butyl ketone	11. U	13. U	11. U	13. U	13. U
yl chloride	11. U	13. U	11. U	13. U	13. U
yl ethyl ketone	18. U	22. J	20. J	6. J	17. U
yl isobutyl ketone	11. U	13. U	11. U	13. U	13. U
ylene chloride	11. U	13. U	11. U	13. U	13. U
ene	11. U	13. U	11. U	13. U	13. U
achloroethane	11. U	13. U	11. U	13. U	13. U
ene	27. U	4. J	4. J	5. J	11. J
yl Xylenes	11. U	13. U	11. U	13. U	13. U
ns-1,3-Dichloropropene	11. U	13. U	11. U	13. U	13. U
chloroethane	11. U	13. U	11. U	13. U	13. U
yl chloride	11. U	13. U	11. U	13. U	13. U
5-Trinitrobenzene	120. U	120. U	120. U	120. U	120. U
Dinitrobenzene	120. U	120. U	120. U	120. U	120. U
6-Trinitrotoluene	120. U	120. U	120. U	120. U	120. U
Dinitrotoluene	120. U	120. U	120. U	120. U	120. U
Dinitrotoluene	120. U	120. U	120. U	120. U	120. U
toluene	120. U	120. U	120. U	120. U	120. U
mino-4,6-Dinitrotoluene	120. U	120. U	120. U	120. U	120. U
toluene	120. U	120. U	120. U	120. U	120. U
toluene	120. U	120. U	120. U	120. U	120. U
mino-2,6-Dinitrotoluene	120. U	120. U	120. U	120. U	120. U
K	120. U	120. U	120. U	120. U	120. U
obbenzene	120. U	120. U	120. U	120. U	120. U
K	120. U	120. U	120. U	120. U	120. U
yl	120. U	120. U	120. U	120. U	120. U



SEAD 46/57  
SDG 76376  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45/46/57 RI 76376 SS57-20 574033 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-21 574034 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-22 574035 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-23 574036 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-27 574040 SA 0 2 SURFACE SOIL 20-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
AMMETER					
UG/KG	85 U	86 U	85 U	88 U	88 U
Trichlorobenzene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
ichlorobenzene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
ichlorobenzene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
Trichlorophenol	200 U	210 U	200 U	210 U	210 U
UG/KG	85 U	86 U	85 U	88 U	88 U
Trichlorophenol	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
Dimethylphenol	85 U	86 U	85 U	88 U	88 U
UG/KG	200 UR	210 UJ	200 UR	210 UR	210 UR
nitrophenol	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
nitrotoluene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
nitrotoluene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
oronaphthalene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
oronaphthalene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
thylnaphthalene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
thylnaphthalene	85 U	86 U	85 U	88 U	88 U
UG/KG	200 U	210 U	200 U	210 U	210 U
eaniline	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
ophenol	85 U	86 U	85 U	88 U	88 U
UG/KG	210 U	200 U	210 U	210 U	210 U
ichlorobenzidine	85 U	86 U	85 U	88 U	88 U
UG/KG	200 U	210 U	200 U	210 U	210 U
eaniline	85 U	86 U	85 U	88 U	88 U
UG/KG	200 UJ	210 U	200 UJ	210 UJ	210 UJ
nitro-2-methylphenol	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
nitro-3-methylphenol	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
roaniline	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
orophenyl phenyl ether	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
orophenyl phenyl ether	85 U	86 U	85 U	88 U	88 U
UG/KG	200 U	210 UJ	200 U	210 U	210 U
eaniline	85 U	86 U	85 U	88 U	88 U
UG/KG	200 U	210 U	200 U	210 U	210 U
ophenol	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
aphthene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
aphthylene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
acene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
(a)anthracene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
(a)pyrene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
(b)fluoranthene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
(g)perylene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
(k)fluoranthene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
(k)fluoranthene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
Chloroethoxymethane	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
Chloroethyl ether	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
Chloroisopropyl ether	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
Ethylhexylphthalate	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
benzylphthalate	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
azole	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
ene	85 U	86 U	85 U	88 U	88 U
UG/KG	4.1 J	86 U	85 U	88 U	6.9 J
butylphthalate	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
ctylphthalate	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
(a,l)anthracene	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
zofuran	85 U	86 U	85 U	88 U	88 U
UG/KG	85 U	86 U	85 U	88 U	88 U
yl phthalate	85 U	86 U	85 U	88 U	2.6 J

SEAD 46/57  
SDG 76376  
VALIDATED DATA

PARAMETER	STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	SEAD 45/46/57 RI 76376 SS57-20 574033 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-21 574034 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-22 574035 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-23 574036 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-27 574040 SA 0 2 SURFACE SOIL 20-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
PARAMETER	UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
ethylphthalate	UG/KG	85. UJ	86. UJ	85. UJ	86. UJ	86. UJ
parathene	UG/KG	85. UJ	20. J	4.5 J	4.9 J	5.1 J
rene	UG/KG	85. U	86. U	85. U	88. U	88. U
tachlorobenzene	UG/KG	85. UJ	86. UJ	85. UJ	88. UJ	88. UJ
tachlorobutadiene	UG/KG	85. U	86. U	85. U	88. U	88. U
tachlorocyclopentadiene	UG/KG	85. U	86. U	85. U	88. U	88. U
tachloroethane	UG/KG	85. U	86. U	85. U	88. U	88. U
ano(1,2,3-cd)pyrene	UG/KG	98. J	98. J	85. U	88. U	88. U
chlorone	UG/KG	85. U	86. U	85. U	88. U	88. U
litrosodiphenylamine	UG/KG	85. U	86. U	85. U	88. U	88. U
litrosodipropylamine	UG/KG	85. U	86. U	85. U	88. U	88. U
hthalene	UG/KG	85. UJ	86. UJ	85. UJ	88. UJ	88. UJ
obenzene	UG/KG	85. U	86. U	85. U	88. U	88. U
tachlorophenol	UG/KG	200. UJ	210. UJ	200. U	210. UJ	210. UJ
nananthrene	UG/KG	85. U	11. J	85. U	88. U	88. U
ncol	UG/KG	5.4 J	86. U	6.9 J	81. J	7.2 J
ene	UG/KG	4.6 J	19. J	7.4 J	10. J	8.8 J
-DDD	UG/KG	4.2 U	4.3 U	4.2 U	4.3 U	9.1 J
-DDE	UG/KG	4.2 U	4.3 U	4.2 U	4.3 U	4.4 U
-DDT	UG/KG	4.2 U	4.3 U	4.2 U	4.3 U	4.4 U
in	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
na-BHC	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
na-Chlordane	UG/KG	2.8	2.2 U	2.2 U	2.2 U	2.2 U
clor-1016	UG/KG	42. U	43. U	42. U	43. U	44. U
clor-1221	UG/KG	86. U	87. U	85. U	88. U	88. U
clor-1232	UG/KG	42. U	43. U	42. U	43. U	44. U
clor-1242	UG/KG	42. U	43. U	42. U	43. U	44. U
clor-1248	UG/KG	42. U	43. U	42. U	43. U	44. U
clor-1254	UG/KG	42. U	43. U	42. U	43. U	44. U
clor-1260	UG/KG	42. U	43. U	42. U	43. U	44. U
B-BHC	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ta-BHC	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
drin	UG/KG	4.3 J	4.3 U	4.2 U	4.3 U	18. J
tosulfan I	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
tosulfan II	UG/KG	4.2 U	4.3 U	4.2 U	4.3 U	4.4 U
tosulfan sulfate	UG/KG	4.2 U	4.3 U	4.2 U	4.3 U	4.4 U
irin	UG/KG	4.2 U	4.3 U	4.2 U	4.3 U	4.4 U
irin aldehyde	UG/KG	4.2 U	4.3 U	4.2 U	4.3 U	4.4 U
irin ketone	UG/KG	4.2 U	4.3 U	4.2 U	4.3 U	4.4 U
mma-BHC/Lindane	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
mma-Chlordane	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
tachlor	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
tachlor epoxide	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
hoxychlor	UG/KG	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
aphene	UG/KG	220. U	220. U	220. U	220. U	220. U
minum	MG/KG	13,400	12,100	14,400	10,700	15,900
meny	MG/KG	.54 UR	1.3 J	.68 J	.52 UR	.8 J

SEAD 46/57  
SDG 76376  
VALIDATED DATA

PARAMETER	UNIT	SEAD 45/46/57 RI 76376 SS57-20 574033 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-21 574034 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-22 574035 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-23 574036 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76376 SS57-27 574040 SA 0 2 SURFACE SOIL 20-Dec-99
AMBIENT	VALUE Q					
Ammoniac	MG/KG	3.4	4.1 J	4.2	3.5 J	3.1
Barium	MG/KG	76.2	93.5	79.6	53.	81.7
Bismuth	MG/KG	1.	.76 J	91 J	.53 J	98 J
Boron	MG/KG	.05 U	.05 U	6.	.05 U	.05 U
Bromine	MG/KG	835. J	1,470. J	1,490.	2,100.	1,350.
Calcium	MG/KG	16.1	15.1	18.7	11.9	22.7
Chlorine	MG/KG	12.8	6.5 J	11.4 J	6.6 J	12.4
Copper	MG/KG	12.5	10.	14.	13.4	13.9
Cyanide	MG/KG	64 U	64 U	62 U	63 U	64 U
Fluoride	MG/KG	20,000.	20,300.	23,800.	15,000.	27,900.
Gallium	MG/KG	18.8 J	20.9 J	66.8 J	16.1 J	18. J
Germanium	MG/KG	2,510. J	2,590. J	2,970. J	2,080. J	3,950. J
Japanese	MG/KG	1,160.	454.	746.	306.	757.
Krypton	MG/KG	.06 J	.1 J	.07 J	.06 J	.08 J
Lithium	MG/KG	16.9	13.5	20.7	11.9	24.7
Magnesium	MG/KG	961. J	1,100. J	1,060. J	768. J	1,450.
Manganese	MG/KG	1.4 J	.69 J	.74 J	.59 U	.61 U
Mercury	MG/KG	.32 UJ	.29 UJ	.32 UJ	.31 UJ	.32 UJ
Molybdenum	MG/KG	71. U	65.2 U	70.4 U	68. U	70.9 U
Nickel	MG/KG	3.8	1.7 J	2.9	7.5 U	2.9
Niobium	MG/KG	23.6	24.5	27.4	19.	27.4
Orbitium	MG/KG	55.	55.3	65.5	51.8	66.4
Platinum	MG/KG	.04	.01	.04	.32	.05
Perchlorate/Nitrite Nitrogen	MG/KG					

SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD 45/46/57 RI 76388 SS57-24 574037 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-25 574038 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-26 574039 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-27 574041 DU 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-28 574042 SA 0 2 SURFACE SOIL 20-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
ethane	16 U	13 U	12 U	13 U	14 U
proethane	16 U	13 U	12 U	13 U	14 U
ethane	16 U	13 U	12 U	13 U	14 U
ene	16 U	13 U	12 U	13 U	14 U
ane	16 U	13 U	12 U	13 U	14 U
ane	16 U	13 U	12 U	13 U	14 U
ene (total)	16 U	13 U	12 U	13 U	14 U
pane	280 J	190 J	290 J	340 J	220 J
	16 U	13 U	12 U	13 U	14 U
methane	16 U	13 U	12 U	13 U	14 U
	16 U	13 U	12 U	13 U	14 U
	16 U	13 U	12 U	13 U	14 U
	16 U	13 U	12 U	13 U	14 U
oride	16 U	13 U	12 U	13 U	14 U
methane	16 U	13 U	12 U	13 U	14 U
	16 U	13 U	12 U	13 U	14 U
propene	16 U	13 U	12 U	13 U	14 U
	16 U	13 U	12 U	13 U	14 U
	16 U	13 U	12 U	13 U	14 U
one	16 U	13 U	12 U	13 U	14 U
one	35	17	22	23	16
ketone	16 U	13 U	12 U	13 U	14 U
ide	16 U	13 U	12 U	13 U	14 U
ene	16 U	13 U	12 U	13 U	14 U
	16 U	13 U	12 U	13 U	14 U
propene	16 U	13 U	12 U	13 U	14 U
	16 U	13 U	12 U	13 U	14 U
benzene	120 U	120 U	120 U	120 U	120 U
ene	120 U	120 U	120 U	120 U	120 U
ene	120 U	120 U	120 U	120 U	120 U
ene	120 U	120 U	120 U	120 U	120 U
ene	120 U	120 U	120 U	120 U	120 U
	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U
	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U
	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U
	120 U	120 U	120 U	120 U	120 U
nitrotoluene	120 U	120 U	120 U	120 U	120 U
	120 U	120 U	120 U	120 U	120 U



SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD 45/46/57 RI 76388 SS57-24 574037 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-25 574038 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-26 574039 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-27 574041 DU 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-28 574042 SA 0 2 SURFACE SOIL 20-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
UG/KG	98 U	90 U	89 U	90 U	86 U
UG/KG	15 J	9.8 J	8.6 J	9.1 J	11 J
UG/KG	98 U	90 U	89 U	90 U	86 U
UG/KG	98 UJ	90 UJ	89 UJ	90 UJ	86 UJ
UG/KG	98 U	90 U	89 U	90 U	86 U
UG/KG	98 U	90 U	89 U	90 U	86 U
UG/KG	9.6 J	90 U	7.2 J	90 U	86 U
UG/KG	98 U	90 U	89 U	90 U	86 U
UG/KG	98 U	90 U	89 U	90 U	86 U
UG/KG	98 U	90 U	89 U	90 U	86 U
UG/KG	240 U	220 U	220 U	220 U	210 U
UG/KG	8.1 J	4.8 J	4.9 J	5.6 J	7.4 J
UG/KG	98 UJ	90 U	89 U	90 U	86 U
UG/KG	14 J	11 J	9.1 J	12 J	12 J
UG/KG	54	4.5 U	4.4 U	4.5 UJ	4.3 U
UG/KG	5.4 J	4.5 U	4.4 U	4.5 U	4.3 U
UG/KG	4.9 U	4.5 U	4.4 U	4.5 U	4.3 U
UG/KG	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U
UG/KG	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U
UG/KG	4.9 U	4.5 U	4.4 U	4.5 U	4.3 U
UG/KG	100 U	91 U	90 U	91 U	88 U
UG/KG	49 U	45 U	44 U	45 U	43 U
UG/KG	49 U	45 U	44 U	45 U	43 U
UG/KG	49 U	45 U	44 U	45 U	43 U
UG/KG	49 U	45 U	44 U	45 U	43 U
UG/KG	49 U	45 U	44 U	45 U	43 U
UG/KG	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U
UG/KG	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U
UG/KG	4.9 U	4.5 U	4.4 U	4.5 U	4.3 U
UG/KG	4.9 U	4.5 U	4.4 U	4.5 U	4.3 U
UG/KG	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U
UG/KG	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U
UG/KG	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U
UG/KG	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U
UG/KG	25 U	23 U	23 U	23 U	22 U
UG/KG	250 U	230 U	230 U	230 U	220 U
MG/KG	16,900	15,000	14,300	16,400	12,600
MG/KG	58 UJ	86 J	92 J	55 UJ	54 UJ

SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45/46/57 RI 76388 SS57-24 574037 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-25 574038 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-26 574039 SA 0 2 SURFACE SOIL 19-Dec-99	SEAD 45/46/57 RI 76388 SS57-27 574041 DU 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-28 574042 SA 0 2 SURFACE SOIL 20-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
MG/KG	4.2	4.3	3.9	3	3.5
MG/KG	164	139	90.7	84.8	65.3
MG/KG	1.4	1.2	1	.94	.66
MG/KG	.05 U	.05 U	.05 U	.05 U	.05 U
MG/KG	4.110	2.410	1.950	1.500	3.690
MG/KG	22.9 J	19.8 J	17.4 J	23.4 J	17.6 J
MG/KG	12.4 J	13.5	11.6 J	11.4 J	9.2 J
MG/KG	22	15	13.8	14.5	17.1
MG/KG	73 U	.68 U	.68 U	.63 U	.63 U
MG/KG	27,100 J	26,700 J	22,800 J	28,300 J	22,600 J
MG/KG	24.5	24.3	21.9	21.3	21.5
MG/KG	3,750	3,170	2,860	3,900	3,340
MG/KG	1,040 J	1,180 J	916 J	677 J	346 J
MG/KG	.12	.11 J	.1 J	.1 J	.08 J
MG/KG	27.9 J	20.3 J	18.2 J	25.5 J	22.7 J
MG/KG	1,690	1,280	1,170 J	1,370	1,390
MG/KG	1	1.3 J	.69 J	.64 J	.83 J
MG/KG	34 UJ	3 UJ	.32 UJ	.32 UJ	.32 UJ
MG/KG	76.7 U	65.7 U	71.1 U	72 U	71.1 U
MG/KG	3.7	4.9	2.7	2.8	1.6 J
MG/KG	29.7	29.4	25.9	27.8	21.8
MG/KG	82.3 J	65.4 J	69.7 J	71.1 J	66.7 J
MG/KG	.57 J	.3 J	.61 J	.08 J	.37 J
% VW	66.7	73.3	73.9	73	76







**SEAD 46/57  
SDG 76388  
VALIDATED DATA**

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP_DATE	SEAD 45/46/57 RI 76388 SS57-29 574043 SA 0 2	SEAD 45/46/57 RI 76388 SS57-31 574044 SA 0 2	SEAD 45/46/57 RI 76388 SS57-32 574045 SA 0 2	SEAD 45/46/57 RI 76388 SS57-33 574046 SA 0 2	SEAD 45/46/57 RI 76388 SS57-34 574047 SA 0 2
	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UNIT	87 U	90 U	84 U	92 U	88 U
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	7.7 J	7.4 J	4.8 J	5.4 J	4.5 J
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	210 U	220 U	200 U	210 U	210 U
UG/KG	3.7 J	90 U	84 U	92 U	88 U
UG/KG	87 U	90 U	84 U	92 U	88 U
UG/KG	87 U	7.9 J	5.8 J	4.9 J	4.8 J
UG/KG	4.4 U	4.5 U	4.2 U	4.6 U	4.4 U
UG/KG	4.4 U	4.5 U	4.2 U	4.6 U	4.4 U
UG/KG	4.4 U	4.5 U	4.2 U	4.6 U	4.4 U
UG/KG	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U
UG/KG	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U
UG/KG	44 U	45 U	42 U	46 U	44 U
UG/KG	89 U	92 U	86 U	94 U	90 U
UG/KG	44 U	45 U	42 U	46 U	44 U
UG/KG	44 U	45 U	42 U	46 U	44 U
UG/KG	44 U	45 U	42 U	46 U	44 U
UG/KG	44 U	45 U	42 U	46 U	44 U
UG/KG	44 U	45 U	42 U	46 U	44 U
UG/KG	44 U	45 U	42 U	46 U	44 U
UG/KG	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U
UG/KG	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U
UG/KG	4.4 U	4.5 U	4.2 U	4.6 U	4.4 U
UG/KG	4.4 U	4.5 U	4.2 U	4.6 U	4.4 U
UG/KG	4.4 U	4.5 U	4.2 U	4.6 U	4.4 U
UG/KG	4.4 U	4.5 U	4.2 U	4.6 U	4.4 U
UG/KG	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U
UG/KG	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U
UG/KG	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U
UG/KG	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U
UG/KG	23 U	23 U	22 U	24 U	23 U
UG/KG	23 U	23 U	22 U	24 U	23 U
UG/KG	14,100	13,700	10,200	14,700	14,900
MG/KG	8 J	.56 UR	.5 UR	.54 UR	.59 UR
MG/KG	8 J	.56 UR	.5 UR	.54 UR	.59 UR

SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID:	SEAD 45/46/57 RI 76388 SS57-28 574043	SEAD 45/46/57 RI 76388 SS57-31 574044	SEAD 45/46/57 RI 76388 SS57-32 574045	SEAD 45/46/57 RI 76388 SS57-33 574046	SEAD 45/46/57 RI 76388 SS57-34 574047
FIELD QC CODE	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	0	0	0	0	0
SAMP. DEPTH BOT:	2	2	2	2	2
MATRIX:	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL
SAMP. DATE:	20-Dec-99	20-Dec-99	20-Dec-99	20-Dec-99	20-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MG/KG	4	3.9	1.6 J	3.7	3.9
MG/KG	123	136	64.7	129	136
MG/KG	1.1	.8 J	.55 J	.99 J	1.2 J
MG/KG	.04 U	.05 U	.05 U	.05 U	.05 U
MG/KG	3,300	3,130	2,070	3,270	3,760
MG/KG	19 J	16.8 J	12 J	18.3 J	20.3 J
MG/KG	10.6 J	6 J	5.4 J	8.6 J	11.1 J
MG/KG	17.7	14.9	10.1	16.8	19.2
MG/KG	.62 U	.66 U	.62 U	.67 U	.66 U
MG/KG	26,200 J	20,300 J	15,100 J	24,700 J	25,300 J
MG/KG	18.6	13.8	12.4	16.8	18.3
MG/KG	3,260	3,040	2,230	3,160	3,970
MG/KG	786 J	246 J	180 J	585 J	772 J
MG/KG	.09 J	.1 J	.11 J	.08 J	.13
MG/KG	19.9 J	17.3 J	12 J	18.4 J	24.2 J
MG/KG	1,340	1,140 J	774 J	1,290	1,420
MG/KG	1.5 J	1 J	.57 UJ	.74 J	.67 UJ
MG/KG	.28 UJ	.33 UJ	.3 UJ	.32 UJ	.35 UJ
MG/KG	61.4 U	73 U	65.9 U	70.7 U	77.6 U
MG/KG	3.6	1.9 J	.73 U	1.4 J	3 J
MG/KG	27.6	22.3	18.7	26.3	26.6
MG/KG	58.5 J	50.1 J	42.9 J	60.8 J	64.9 J
MG/KG	.09 J	.18 J	.28 J	.17 J	.09 J
% WW	75.3	73.3	78.3	70.5	73.7

SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID:	SEAD 45/46/57 RI 76388 SS57-35 574048 SA	SEAD 45/46/57 RI 76388 SS57-36 574049 SA	SEAD 45/46/57 RI 76388 SS57-37 574050 SA	SEAD 45/46/57 RI 76388 SS57-38 574051 SA	SEAD 45/46/57 RI 76388 SS57-39 574052 SA
FIELD QC CODE: SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	0 2 2 SURFACE SOIL 20-Dec-99	0 2 2 SURFACE SOIL 20-Dec-99	0 2 2 SURFACE SOIL 20-Dec-99	0 2 2 SURFACE SOIL 20-Dec-99	0 2 2 SURFACE SOIL 20-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
ethane	13 U	14 U	14 U	12 U	12 U
propane	13 U	14 U	14 U	12 U	12 U
butane	13 U	14 U	14 U	12 U	12 U
pentane	13 U	14 U	14 U	12 U	12 U
hexane	13 U	14 U	14 U	12 U	12 U
heptane	13 U	14 U	14 U	12 U	12 U
octane	13 U	14 U	14 U	12 U	12 U
nonane	13 U	14 U	14 U	12 U	12 U
decane	13 U	14 U	14 U	12 U	12 U
undecane	13 U	14 U	14 U	12 U	12 U
dodecane	13 U	14 U	14 U	12 U	12 U
tridecane	13 U	14 U	14 U	12 U	12 U
tetradecane	13 U	14 U	14 U	12 U	12 U
pentadecane	13 U	14 U	14 U	12 U	12 U
hexadecane	13 U	14 U	14 U	12 U	12 U
heptadecane	13 U	14 U	14 U	12 U	12 U
octadecane	13 U	14 U	14 U	12 U	12 U
nonadecane	13 U	14 U	14 U	12 U	12 U
triacontane	13 U	14 U	14 U	12 U	12 U
propene	13 U	14 U	14 U	12 U	12 U
butene	13 U	14 U	14 U	12 U	12 U
pentene	13 U	14 U	14 U	12 U	12 U
hexene	13 U	14 U	14 U	12 U	12 U
heptene	13 U	14 U	14 U	12 U	12 U
octene	13 U	14 U	14 U	12 U	12 U
nonene	13 U	14 U	14 U	12 U	12 U
decene	13 U	14 U	14 U	12 U	12 U
undecene	13 U	14 U	14 U	12 U	12 U
dodecene	13 U	14 U	14 U	12 U	12 U
tridecene	13 U	14 U	14 U	12 U	12 U
tetradecene	13 U	14 U	14 U	12 U	12 U
pentadecene	13 U	14 U	14 U	12 U	12 U
hexadecene	13 U	14 U	14 U	12 U	12 U
heptadecene	13 U	14 U	14 U	12 U	12 U
octadecene	13 U	14 U	14 U	12 U	12 U
nonadecene	13 U	14 U	14 U	12 U	12 U
triacontene	13 U	14 U	14 U	12 U	12 U
propyne	13 U	14 U	14 U	12 U	12 U
butyne	13 U	14 U	14 U	12 U	12 U
pentayne	13 U	14 U	14 U	12 U	12 U
hexayne	13 U	14 U	14 U	12 U	12 U
heptyne	13 U	14 U	14 U	12 U	12 U
octayne	13 U	14 U	14 U	12 U	12 U
nonayne	13 U	14 U	14 U	12 U	12 U
decayne	13 U	14 U	14 U	12 U	12 U
undecayne	13 U	14 U	14 U	12 U	12 U
dodecayne	13 U	14 U	14 U	12 U	12 U
tridecayne	13 U	14 U	14 U	12 U	12 U
tetradecayne	13 U	14 U	14 U	12 U	12 U
pentadecayne	13 U	14 U	14 U	12 U	12 U
hexadecayne	13 U	14 U	14 U	12 U	12 U
heptadecayne	13 U	14 U	14 U	12 U	12 U
octadecayne	13 U	14 U	14 U	12 U	12 U
nonadecayne	13 U	14 U	14 U	12 U	12 U
triacontayne	13 U	14 U	14 U	12 U	12 U
propane	23 J	6 J	11 J	8 J	5 J
butane	13 U	14 U	14 U	12 U	12 U
pentane	13 U	14 U	14 U	12 U	12 U
hexane	13 U	14 U	14 U	12 U	12 U
heptane	13 U	14 U	14 U	12 U	12 U
octane	13 U	14 U	14 U	12 U	12 U
nonane	13 U	14 U	14 U	12 U	12 U
decane	13 U	14 U	14 U	12 U	12 U
undecane	13 U	14 U	14 U	12 U	12 U
dodecane	13 U	14 U	14 U	12 U	12 U
tridecane	13 U	14 U	14 U	12 U	12 U
tetradecane	13 U	14 U	14 U	12 U	12 U
pentadecane	13 U	14 U	14 U	12 U	12 U
hexadecane	13 U	14 U	14 U	12 U	12 U
heptadecane	13 U	14 U	14 U	12 U	12 U
octadecane	13 U	14 U	14 U	12 U	12 U
nonadecane	13 U	14 U	14 U	12 U	12 U
triacontane	13 U	14 U	14 U	12 U	12 U
propane	120 U	120 U	120 U	120 U	120 U
butane	120 U	120 U	120 U	120 U	120 U
pentane	120 U	120 U	120 U	120 U	120 U
hexane	120 U	120 U	120 U	120 U	120 U
heptane	120 U	120 U	120 U	120 U	120 U
octane	120 U	120 U	120 U	120 U	120 U
nonane	120 U	120 U	120 U	120 U	120 U
decane	120 U	120 U	120 U	120 U	120 U
undecane	120 U	120 U	120 U	120 U	120 U
dodecane	120 U	120 U	120 U	120 U	120 U
tridecane	120 U	120 U	120 U	120 U	120 U
tetradecane	120 U	120 U	120 U	120 U	120 U
pentadecane	120 U	120 U	120 U	120 U	120 U
hexadecane	120 U	120 U	120 U	120 U	120 U
heptadecane	120 U	120 U	120 U	120 U	120 U
octadecane	120 U	120 U	120 U	120 U	120 U
nonadecane	120 U	120 U	120 U	120 U	120 U
triacontane	120 U	120 U	120 U	120 U	120 U



SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	SEAD 45/46/57 RI 76388 SS57-35 574048 SA 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-36 574049 SA 0 0 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-37 574050 SA 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-38 574051 SA 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-39 574052 SA 0 0 SURFACE SOIL 20-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	59 J	7.6 J	8.6 J	13 J	7.4 J
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	93 U	84 U	94 U	89 UJ	91 UJ
UG/KG	220 U	200 U	230 U	220 UJ	220 UJ
UG/KG	2.9 J	4.3 J	5 J	4.9 J	4.6 J
UG/KG	93 U	84 U	94 U	7 J	4.5 J
UG/KG	5.5 J	8 J	9.4 J	9 J	5.8 J
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	2.4 U	2.2 U	2.4 U	2.3 U	2.4 U
UG/KG	2.4 U	2.2 U	2.4 U	2.3 U	2.4 U
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	94 U	86 U	96 U	90 U	93 U
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	4.6 U	4.2 U	4.7 U	4.4 U	4.6 U
UG/KG	2.4 U	2.2 U	2.4 U	2.3 U	2.4 U
UG/KG	2.4 U	2.2 U	2.4 U	2.3 U	2.4 U
UG/KG	2.4 U	2.2 U	2.4 U	2.3 U	2.4 U
UG/KG	2.4 U	2.2 U	2.4 U	2.3 U	2.4 U
UG/KG	24 U	22 U	24 U	23 U	24 U
UG/KG	240 U	220 U	240 U	230 U	240 U
MG/KG	13,500	12,100	16,500	11,800	15,100
MG/KG	.59 UR	.52 UR	.61 J	.59 UR	.61 UR

SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID:	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI
SDG:	76388	76388	76388	76388	76388	76388
LOC ID:	SS57-35	SS57-36	SS57-37	SS57-38	SS57-39	SS57-39
SAMP ID:	574048	574049	574050	574051	574052	574052
FIELD QC CODE:	SA	SA	SA	SA	SA	SA
SAMP. DEPTH TOP:	0	0	0	0	0	0
SAMP. DEPTH BOT:	2	2	2	2	2	2
MATRIX:	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL
SAMP. DATE:	20-Dec-99	20-Dec-99	20-Dec-99	20-Dec-99	20-Dec-99	20-Dec-99
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
MG/KG	4.5	4.3	4.9	4.1	4.1	4.1
MG/KG	187	108	168	83.5	202	202
MG/KG	1.2 J	.93 J	1.5	7	1.5	1.5
MG/KG	.05 U	.05 U	.06 U	.05 U	.06 U	.06 U
MG/KG	5,050	2,890	4,820	2,910	2,900	2,900
MG/KG	18.9 J	16.3 J	21	16	20.1	20.1
MG/KG	12 J	11.5 J	15	6.9 J	17.1	17.1
MG/KG	17	16.7	21.7	14.1	18.7	18.7
MG/KG	7 U	61 U	72 U	68 U	66 U	66 U
MG/KG	23,800 J	23,000 J	27,300 J	20,200	27,200	27,200
MG/KG	20.1	18	21.7	18.4	18	18
MG/KG	3,500	3,360	3,780	2,760	3,340	3,340
MG/KG	1,220 J	931 J	1,540 J	335 J	1,990 J	1,990 J
MG/KG	.11 J	.09	.11	.09 J	.14 J	.14 J
MG/KG	22.8 J	18.4 J	27.4 J	16.4 J	25.3 J	25.3 J
MG/KG	1,400	1,290	1,830	1,280 J	1,480	1,480
MG/KG	2.1 J	.88 J	1.8 J	.74 J	1.8 J	1.8 J
MG/KG	.35 UJ	.31 UJ	.36 UJ	.36 UJ	.36 UJ	.36 UJ
MG/KG	77.3 U	68.2 U	79.6 U	78.1 U	80.2 U	80.2 U
MG/KG	3.9	3.6	5.4	2.1 J	5.7	5.7
MG/KG	24.3	25.2	30.6	21.6	27.2	27.2
MG/KG	71.4 J	53.1 J	75.4 J	57.7 J	78.1 J	78.1 J
MG/KG	.78 J	.72 J	.37 J	.46 J	.26 J	.26 J
% WW	70.5	77.8	69.8	74	72.1	72.1

SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45/46/57 RI 76388 SS57-40 574053 SA 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-41 574054 SA 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-42 574055 SA 0 2 SURFACE SOIL 21-Dec-99	SEAD 45/46/57 RI 76388 SS57-43 574056 SA 0 2 SURFACE SOIL 21-Dec-99	SEAD 45/46/57 RI 76388 SS57-45 574056 SA 0 2 SURFACE SOIL 21-Dec-99	UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
ane	13	13	13	9	12	UG/KG	13	13	13	9	12
oethane	13	13	13	12	12	UG/KG	13	13	12	12	12
ane	13	13	13	9	12	UG/KG	13	13	9	12	12
e	13	13	13	12	12	UG/KG	13	13	12	12	12
e	13	13	13	9	12	UG/KG	13	13	9	12	12
e	13	13	13	12	12	UG/KG	13	13	12	12	12
e (total)	13	13	13	12	12	UG/KG	13	13	12	12	12
ne	13	13	13	12	12	UG/KG	13	13	12	12	12
	180	350	170	93	97	UG/KG	180	350	170	93	97
thane	13	13	13	12	12	UG/KG	13	13	12	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
ide	13	13	13	12	12	UG/KG	13	13	12	12	12
thane	13	13	13	9	12	UG/KG	13	13	9	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
ropene	13	13	13	12	12	UG/KG	13	13	12	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
	16	26	17	10	10	UG/KG	16	26	17	10	10
lone	13	13	13	12	12	UG/KG	13	13	12	12	12
e	13	13	13	12	12	UG/KG	13	13	12	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
	7	9	4	2	5	UG/KG	7	9	4	2	5
	13	13	13	12	12	UG/KG	13	13	12	12	12
propene	13	13	13	12	12	UG/KG	13	13	12	12	12
	13	13	13	12	12	UG/KG	13	13	12	12	12
	120	120	120	120	120	UG/KG	120	120	120	120	120
ene	120	120	120	120	120	UG/KG	120	120	120	120	120
e	120	120	120	120	120	UG/KG	120	120	120	120	120
	120	120	120	120	120	UG/KG	120	120	120	120	120
	120	120	120	120	120	UG/KG	120	120	120	120	120
rotoluene	120	120	120	120	120	UG/KG	120	120	120	120	120
	120	120	120	120	120	UG/KG	120	120	120	120	120
	120	120	120	120	120	UG/KG	120	120	120	120	120
rotoluene	120	120	120	120	120	UG/KG	120	120	120	120	120
	120	120	120	120	120	UG/KG	120	120	120	120	120
	120	120	120	120	120	UG/KG	120	120	120	120	120





SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD 45/46/57 RI 76388 SS57-40 574053 SA 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-41 574054 SA 0 2 SURFACE SOIL 20-Dec-99	SEAD 45/46/57 RI 76388 SS57-42 574055 SA 0 2 SURFACE SOIL 21-Dec-99	SEAD 45/46/57 RI 76388 SS57-43 574056 SA 0 2 SURFACE SOIL 21-Dec-99	SEAD 45/46/57 RI 76388 SS57-45 574058 SA 0 2 SURFACE SOIL 21-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
UG/KG	94 UJ	90 UJ	83 UJ	89 UJ	90 UJ
UG/KG	94 UJ	6.2 J	83 UJ	89 UJ	90 UJ
UG/KG	94 UJ	90 UJ	83 UJ	89 UJ	90 UJ
UG/KG	94 UJ	90 UJ	83 UJ	89 UJ	90 UJ
UG/KG	94 UJ	90 UJ	83 UJ	89 UJ	90 UJ
UG/KG	94 UJ	90 UJ	83 UJ	89 UJ	90 UJ
UG/KG	94 UJ	90 UJ	83 UJ	89 UJ	90 UJ
UG/KG	94 UJ	90 UJ	83 UJ	89 UJ	90 UJ
UG/KG	230 UJ	220 UJ	200 UJ	220 UJ	220 UJ
UG/KG	94 UJ	90 UJ	83 UJ	89 UJ	90 UJ
UG/KG	94 UJ	5.4 J	3.9 J	4.5 J	4.3 J
UG/KG	94 UJ	4.7 U	83 UJ	89 UJ	90 UJ
UG/KG	4.7 U	4.5 U	2.1 J	2.2 J	4.5 U
UG/KG	4.7 U	4.5 U	4.1 U	4.4 U	4.5 U
UG/KG	4.7 U	4.5 U	4.1 U	4.4 U	4.5 U
UG/KG	4.7 U	4.5 U	4.1 U	4.4 U	4.5 U
UG/KG	4.7 U	4.5 U	4.1 U	4.4 U	4.5 U
UG/KG	4.7 U	4.5 U	4.1 U	4.4 U	4.5 U
UG/KG	4.7 U	4.5 U	4.1 U	4.4 U	4.5 U
UG/KG	4.7 U	4.5 U	4.1 U	4.4 U	4.5 U
UG/KG	4.7 U	4.5 U	4.1 U	4.4 U	4.5 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
UG/KG	2.4 U	2.3 U	2.1 U	2.3 U	2.3 U
MG/KG	16.100	13.300	11.800	11.800	14.900
MG/KG	.51 J	.57 UR	.53 UR	.53 UR	.57 UR

SEAD 46/57  
SDG 76388  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI	SEAD 45/46/57 RI
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
MG/KG	3.7	2.5 J	3.2	5.1	5.1	2.2 J
MG/KG	141	91.9	106	200	200	131
MG/KG	1.1	.79 J	.84 J	1.4	1.4	.86 J
MG/KG	.04 U	.05 U	.05 U	.05 U	.05 U	.05 U
MG/KG	3,660	3,430	2,950	3,450	3,450	3,660
MG/KG	20.4	18.2 J	15.4 J	16.2 J	16.2 J	18.2 J
MG/KG	8.2 J	8.5 J	7.2 J	15.8	15.8	6.3 J
MG/KG	20.8	17.7	15.1	15.8	15.8	15.9
MG/KG	.71 U	.66 U	.61 U	.65 U	.65 U	.62 U
MG/KG	24,600	22,800	19,000	25,000	25,000	24,600
MG/KG	12.5	22.1	12.8	17.6	17.6	13.1
MG/KG	3,310	3,150	2,970	3,420	3,420	3,670
MG/KG	406 J	359 J	568 J	2,270 J	2,270 J	245 J
MG/KG	1 J	.13	.09 J	.11 J	.11 J	.12
MG/KG	25.2 J	21 J	17.2 J	19.6 J	19.6 J	26.3 J
MG/KG	1,440	1,370	1,170 J	1,190 J	1,190 J	1,220 J
MG/KG	1.1 J	.7 J	1.3 J	2.7 J	2.7 J	1.7 J
MG/KG	.26 UJ	.34 UJ	.31 UJ	.32 UJ	.32 UJ	.33 UJ
MG/KG	58.6 U	75.3 U	69.4 U	70.2 U	70.2 U	74.3 U
MG/KG	2.5	1.8 J	2.2 J	6.6	6.6	1.7 J
MG/KG	26.2	23.4	22.1	25.8	25.8	24
MG/KG	66.5 J	69.1 J	50.1 J	51.7 J	51.7 J	56.4 J
MG/KG	.41 J	.45 J	.01 U	.1 J	.1 J	.23 J
% WW	70	73.1	78.6	74.2	74.2	73.4







SEAD 46/57  
SDG 76405  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP_ID: FIELD QC CODE SAMP_DEPTH TOP: SAMP_DEPTH BOT: MATRIX: SAMP_DATE:	SEAD_45/46/57 RI 76405 SS57-44 574057 SA	SEAD_45/46/57 RI 76405 SS57-45 574059 DU	SEAD_45/46/57 RI 76405 SS57-46 574060 SA	SEAD_45/46/57 RI 76405 SS57-47 574061 SA	SEAD_45/46/57 RI 76405 SS57-48 574062 SA
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
MG/KG	4.8	2.8	3.6	3.5	4
MG/KG	115	132	107	92.9	117
MG/KG	.88 J	.79 J	.81 J	.67 J	.81 J
MG/KG	.06 J	2.9	.04 U	.04 U	.96 J
MG/KG	2,950	3,230	3,260	2,790	3,740
MG/KG	152 J	167 J	159 J	13.6 J	17.2 J
MG/KG	9 J	62 J	63 J	6.5 J	7 J
MG/KG	14.6	16.4	14	16.2	19.2
MG/KG	.63 U	.62 U	.66 U	.59 U	.69 U
MG/KG	19,600	18,800	18,800	16,900	19,800
MG/KG	13.3 J	25.5 J	12.2 J	9.8 J	23.3 J
MG/KG	2,910	3,040	3,040	2,450	3,200
MG/KG	728	224 J	335	352	298
MG/KG	.05 U	.07 U	.07 U	.06 U	.07 J
MG/KG	17.1	19.1	16.9	16.1	19.2
MG/KG	1,030 J	1,110 J	1,070	887 J	1,300
MG/KG	.78 J	.58 U	.56 U	.47 U	.72 J
MG/KG	5 J	.45 J	.29 J	.27 J	.47 J
MG/KG	99.1 J	90.7 J	60.1 U	116 J	99.9 J
MG/KG	4	1.6 J	2.2	1.7 J	1.9 J
MG/KG	222	219	20.8	19.6	23.3
MG/KG	499	57.8	62.4	42.8	66.8
MG/KG	.04	.42	.48	.17	1.1
% WW	77.2	71.8	75.7	80.4	72.2
					SURFACE SOIL 21-Dec-99







SEAD 46/57  
SDG 76405  
VALIDATED DATA

STUDY ID: SDG	SEAD_45/46/57 RI 76405	SEAD_45/46/57 RI 76405	SEAD_45/46/57 RI 76405	SEAD_45/46/57 RI 76405	SEAD_45/46/57 RI 76405	SEAD_45/46/57 RI 76405
LOC ID: SAMP_ID	SS57-49 574063	SS57-50 574064	SS57-51 574065	SS57-52 574066	SS57-53 574067	
FIELD QC CODE	SA	SA	SA	SA	SA	
SAMP_DEPTH TOP:	0	0	0	0	0	
SAMP_DEPTH BOT:	2	2	2	2	2	
MATRIX:	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL	
SAMP_DATE:	21-Dec-99	21-Dec-99	21-Dec-99	21-Dec-99	21-Dec-99	
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/KG	90 U	94 U	100 U	96 U	100 U	100 U
UG/KG	7.7 J	9.2 J	9.2 J	12 J	14 J	14 J
UG/KG	90 U	94 U	100 U	96 U	100 U	100 U
UG/KG	90 U	94 U	100 U	96 U	100 U	100 U
UG/KG	90 U	94 U	100 U	96 U	100 U	100 U
UG/KG	90 U	94 U	100 U	96 U	100 U	100 U
UG/KG	90 U	94 U	100 U	96 U	100 U	100 U
UG/KG	220 U	230 U	250 U	230 U	240 U	240 U
UG/KG	4.7 J	4.7 J	5.5 J	7.2 J	7.8 J	7.8 J
UG/KG	90 U	94 U	100 U	96 U	100 U	100 U
UG/KG	6.5 J	6.6 J	7.6 J	10 J	10 J	10 J
UG/KG	4.5 U	4.7 U	5.1 U	4.8 U	5.1 U	5.1 U
UG/KG	4.5 U	4.7 U	5.1 U	4.8 U	5.1 U	5.1 U
UG/KG	4.5 U	4.7 U	5.1 U	4.8 U	5.1 U	5.1 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	45 U	47 U	51 U	48 U	50 U	50 U
UG/KG	92 U	96 U	100 U	97 U	100 U	100 U
UG/KG	45 U	47 U	51 U	48 U	50 U	50 U
UG/KG	45 U	47 U	51 U	48 U	50 U	50 U
UG/KG	45 U	47 U	51 U	48 U	50 U	50 U
UG/KG	45 U	47 U	51 U	48 U	50 U	50 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	4.5 U	4.7 U	5.1 U	4.8 U	5.0 U	5.0 U
UG/KG	4.5 U	4.7 U	5.1 U	4.8 U	5.0 U	5.0 U
UG/KG	4.5 U	4.7 U	5.1 U	4.8 U	5.0 U	5.0 U
UG/KG	4.5 U	4.7 U	5.1 U	4.8 U	5.0 U	5.0 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	2.3 U	2.4 U	2.6 U	2.5 U	2.6 U	2.6 U
UG/KG	23 U	24 U	26 U	25 U	26 U	26 U
UG/KG	230 U	240 U	260 U	250 U	260 U	260 U
MG/KG	14,200	14,100	14,200	12,600	12,600	12,600
MG/KG	53 U	44 U	57 U	63 J	47 U	47 U

SEAD 46/57  
SDG 76405  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP. DATE:	SEAD 45/46/57 RI 76405 SS57-49 574063 SA 0 2 SURFACE SOIL 21-Dec-99	SEAD 45/46/57 RI 76405 SS57-50 574064 SA 0 2 SURFACE SOIL 21-Dec-99	SEAD 45/46/57 RI 76405 SS57-51 574065 SA 0 2 SURFACE SOIL 21-Dec-99	SEAD 45/46/57 RI 76405 SS57-52 574066 SA 0 2 SURFACE SOIL 21-Dec-99	SEAD 45/46/57 RI 76405 SS57-53 574067 SA 0 2 SURFACE SOIL 21-Dec-99
UNIT	VALUE	VALUE	VALUE	VALUE	VALUE
MG/KG	4.8	4.8	6.6	4.5	4.2
MG/KG	130	119	164	115	110
MG/KG	1	.92	1.4	.84	.87
MG/KG	.05	.04	.05	.49	2.2
MG/KG	3,170	3,420	5,030	3,800	4,370
MG/KG	182	179	219	179	187
MG/KG	94	7.7	19.2	8.3	8.8
MG/KG	18.1	18.6	27.8	22.5	24.9
MG/KG	.69	.64	.77	.7	.74
MG/KG	24,100	22,700	30,800	20,000	22,000
MG/KG	17.7	19.2	24.8	21.5	33
MG/KG	2,930	3,280	3,650	2,960	3,760
MG/KG	710	404	1,670	392	487
MG/KG	.07	.06	.07	.07	.07
MG/KG	192	187	263	219	27.2
MG/KG	1,210	1,220	1,530	1,460	1,430
MG/KG	.58	.58	.64	.71	.69
MG/KG	49	42	.76	.69	.69
MG/KG	86.8	105	143	87.1	100
MG/KG	3.7	2.5	6.7	2.5	3.3
MG/KG	263	254	28.8	232	23.1
MG/KG	63.9	62	96	83.5	91.4
MG/KG	.54	1.9	1	.62	.42
% VVV	72.7	70	65.2	66.9	65.9

**SEAD-46/57 Groundwater Chemical Data – January 2000**







SEAD 46/57  
SDG 76721  
VALIDATED DATA

STUDY ID:	SEAD 45:46:57 RI	76721	SEAD 45:46:57 RI	76721	SEAD 45:46:57 RI	76721	SEAD 45:46:57 RI	76721	SEAD 45:46:57 RI	76721	SEAD 45:46:57 RI	76721
SDG:	MM46-1	MM46-6	MM46-5	MM46-6	MM46-4	MM46-2	MM46-3	MM46-2	MM46-3	MM46-2	MM46-3	MM46-2
LOC ID:	462001	462001	462001	462002	462003	462004	462005	462004	462005	462004	462005	462005
SAMP ID:	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA
FIELD QC CODE:	16	13	10	10	23	10.5	10.5	13	13	10.5	13	13
SAMP DEPTH TOP:												
SAMP DEPTH BOT:												
MATRIX:												
SAMP DATE:	22-Jan-00	22-Jan-00	22-Jan-00	22-Jan-00	22-Jan-00	22-Jan-00	22-Jan-00	22-Jan-00	22-Jan-00	22-Jan-00	22-Jan-00	23-Jan-00
GROUND WATER:												
VALUE												
Q												
UNIT												
UGIL	.065 U	.065 U	.065 U	.065 U	.065 U	.065 U	.065 U	.065 U	.065 U	.065 U	.065 U	.065 U
UGIL	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U
UGIL	.052 U	.052 U	.052 U	.052 U	.052 U	.052 U	.052 U	.052 U	.052 U	.052 U	.052 U	.052 U
UGIL	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U
UGIL	73.9 J	34.1	206	206	105 J	105 J	105 J	498 J	498 J	498 J	500	43.9 J
UGIL	5.5 J	5.4 U	5.4 U	4 J	2.4 U	2.4 U	2.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U
UGIL	2.6 J	2.7 J	4 J	4 J	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
UGIL	79.9 J	42.6 J	50.3 J	50.3 J	45.6 J	43.3 J	45.4 J	45.4 J	45.4 J	45.4 J	45.4 J	22 J
UGIL	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
UGIL	.8 U	.8 U	.8 U	.8 U	.8 U	.8 U	.8 U	.8 U	.8 U	.8 U	.8 U	.8 U
UGIL	81,700	82,200	98,400	98,400	90,500	63,500	88,100	88,100	88,100	88,100	88,100	233,000
UGIL	24,600	15,200	17,100	17,100	16,100	17,200	17,400	28,600	28,600	28,600	28,600	28,600
UGIL	104	13.6 J	74.4	74.4	50.3	28.5	73.4	73.4	73.4	73.4	73.4	44.1 J
UGIL	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
UGIL	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U
UGIL	5,890	1,070 J	1,240 J	1,240 J	1,540 J	615 J	1,720 J	1,720 J	1,720 J	1,720 J	1,720 J	1,180 J
UGIL	2.2 U	2.2 U	2.2 U	2.2 U	2.4 J	2.4 J	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
UGIL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
UGIL	4,980 J	1,890 J	3,190 J	3,190 J	4,060 J	2,640 J	865 J	865 J	865 J	865 J	865 J	8,500
UGIL	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	5.9 J
UGIL	3.5 J	3.5 J	3.5 J	3.5 J	2.8 U	3.7 J	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
UGIL	2.9 J	2.9 J	2.9 J	2.9 J	2.1 U	3.8 J	2.1 U	3.8 J	3.8 J	3.8 J	3.8 J	8 J
MGIL	.02	.19	.02	.02	.15	.03	.13	.03	.03	.03	.03	.02
MGIL												910
MGIL												660









SEAD 46/57  
SDG 76721  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	SEAD 45/46/57 RI 76721 MW57-1 572001 SA 8 8 23-Jan-00	SEAD 45/46/57 RI 76721 MW57-2 572002 SA 7 7 23-Jan-00	SEAD 45/46/57 RI 76721 MW57-3 572003 SA 12 12 24-Jan-00	SEAD 45/46/57 RI 76721 MW57-4 572004 SA 12.04 12.04 24-Jan-00	SEAD 45/46/57 RI 76721 MW57-5 572005 SA 22 22 24-Jan-00	SEAD 45/46/57 RI 76721 MW57-6 572006 DU 8 8 23-Jan-00	SEAD 45/46/57 RI 76721 MW57-7 572007 SA 11 11 25-Jan-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/L	005 U	005 U	005 U	005 U	005 U	005 U	005 U
UG/L	006 U	006 U	006 U	006 U	006 U	006 U	006 U
UG/L	011 U	011 U	011 U	011 U	011 U	011 U	011 U
UG/L	066 U	066 U	066 U	066 U	066 U	066 U	066 U
UG/L	56 U	56 U	56 U	56 U	56 U	56 U	56 U
UG/L	72.2 J	69.2 J	290 J	1,900 J	1,900 J	51.4 J	323 J
UG/L	5.4 U	3 J	5.4 U	5.4 U	2.2 U	5.4 U	5.4 U
UG/L	2.4 U	2.5 U	2.4 U	2.4 U	2.5 U	2.4 U	2.4 U
UG/L	56.6 J	17.5 J	91.2 J	46.7 J	129 J	20.3 J	43.8 J
UG/L	.6 U	.1 U	.6 U	.6 U	.1 U	.6 U	.6 U
UG/L	.8 U	.25 J	.8 U	.8 U	.2 U	.8 U	.8 U
UG/L	78,900	63,700	113,000	74,800	78,300	227,000	89,000
UG/L	1.4 J	1.3 J	1.1 U	3.5 J	2.9 J	1.2 J	1.8 J
UG/L	3.5 U	1.3 U	3.5 U	3.5 U	1.3 U	3.5 U	3.5 U
UG/L	1.8 U	3.7 J	2.2 J	1.8 J	7.2 J	1.8 U	1.8 U
UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
UG/L	28.5 J	399 J	270 J	1,190 J	2,030 J	142 J	408 J
UG/L	1.1 U	1.3 U	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U
UG/L	17,400	7,980	21,800	11,600	20,000	28,500	28,500
UG/L	1.1 J	11 J	37	37.2	61.4	71.6 J	64.1
UG/L	1.1 U	1 U	1 U	1 U	1 U	1 U	1 U
UG/L	4.2 U	1.9 J	4.2 U	4.2 U	6.2 J	4.2 U	4.2 U
UG/L	10,300 J	481 J	2,330 J	1,790 J	3,770 J	1,180 J	3,870 J
UG/L	2.2 U	2.5 U	2.2 U	2.2 U	2.5 U	2.2 U	2.4 J
UG/L	1.1 U	1.3 U	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U
UG/L	6,730	7,000 J	4,770 J	4,590 J	20,100 J	11,300	9,100
UG/L	3.6 U	3.2 J	3.6 U	3.6 U	3.2 J	3.6 U	3.6 U
UG/L	2.8 U	1.8 U	2.8 U	3 J	5.2 J	2.8 U	2.8 U
UG/L	7.4 J	22	3.8 J	6.7 J	8.2 J	6.2 J	3.4 J
UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MG/L	.09	.06	.13	.06	.06	.03	.1
MG/L	297	233	415	263	372	435	435
MG/L	260	180	390	215	315	325	325

**SEAD-46/57 Groundwater Chemical Data – April 2000**









SEAD 46167  
SDG 77907  
VALIDATED DATA

STUDY ID:	RI PHASE 1 STEP 1	RI PHASE 1 STEP 1	RI PHASE 1 STEP 1	RI PHASE 1 STEP 1	RI PHASE 1 STEP 1	RI PHASE 1 STEP 1	RI PHASE 1 STEP 1	RI PHASE 1 STEP 1	RI PHASE 1 STEP 1
SOG:	77907	77907	77907	77907	77907	77907	77907	77907	77907
LOC ID:	MW46-1	MW46-2	MW46-3	MW46-4	MW46-5	MW46-6	MW46-7	MW46-8	MW46-9
SAMP JD:	462100	462101	462102	462103	462104	462105	462106	462107	462108
FIELD DC CODE:	SA	SA	SA	SA	SA	SA	SA	SA	SA
SAMP DEPTH TOP:	16	10.5	13	23	10	13	13	13	7
SAMP DEPTH BOT:	16	10.5	13	23	10	13	13	13	7
MATRIX:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
SAMP DATE:	25-Apr-00	25-Apr-00	25-Apr-00	25-Apr-00	25-Apr-00	25-Apr-00	25-Apr-00	25-Apr-00	26-Apr-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UGL	.005 U	.005 U	.005 U	.005 U	.006 U	.005 U	.005 U	.005 U	.006 U
UGL	.005 U	.005 U	.005 U	.005 U	.006 U	.005 U	.005 U	.005 U	.006 U
UGL	.01 U	.01 U	.01 U	.01 U	.012 U	.01 U	.01 U	.01 U	.012 U
UGL	.05 U	.05 U	.052 U	.054 U	.056 U	.054 U	.053 U	.053 U	.058 U
UGL	.5 U	.5 U	.52 U	.54 U	.58 U	.54 U	.53 U	.53 U	.58 U
UGL	342 J	170 J	120 J	205 J	123 J	86.2 J	136 J	136 J	136 J
UGL	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U
UGL	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
UGL	70.2 J	41.2 J	37.8 J	43.9 J	50 J	48.6 J	16 J	16 J	16 J
UGL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
UGL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
UGL	86,800 J	87,900 J	77,900 J	85,600 J	97,400 J	81,000 J	70,100 J	70,100 J	70,100 J
UGL	22 U	22 U	22 U	22 U	22 U	22 U	22 U	22 U	22 U
UGL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
UGL	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
UGL	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
UGL	398 J	120 J	892 J	208 J	111 J	89.9 J	84.5 J	84.5 J	84.5 J
UGL	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
UGL	22,800 J	17,400 J	15,000 J	14,700 J	16,200 J	14,500 J	8,410 J	8,410 J	8,410 J
UGL	99.1	8.1 J	10.3 J	9.8 J	6.7 J	4.1 J	23.2	23.2	23.2
UGL	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
UGL	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U
UGL	3,050 J	840 J	1,050 J	1,480 J	1,110 J	729 J	551 J	551 J	551 J
UGL	4 UJ	4 UJ	4 UJ	4 UJ	4 UJ	4 UJ	4 UJ	4 UJ	4 UJ
UGL	1.9 U	2.1 J	1.9 U	1.9 U	1.9 U	2.2 J	1.9 U	1.9 U	1.9 U
UGL	4,430 J	688 J	897 J	848 J	1,110 J	784 J	7,570 J	7,570 J	7,570 J
UGL	3.9 UJ	3.9 UJ	3.9 UJ	3.9 UJ	3.9 UJ	3.9 UJ	3.9 UJ	3.9 UJ	3.9 UJ
UGL	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U
UGL	2.8 J	1.5 U	2 J	1.8 J	1.6 U	1.5 U	2.8 J	2.8 J	2.8 J
UGL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MGL	.03	.02	.02	.19	.25	.16	.01 U	.01 U	.01 U
MGL	314	266	312	364	273	234	234	234	234
MGL	290	280	250	250	280	250	210	210	210







SEAD 46157  
SDG 77907  
VALIDATED DATA

STUDY ID: SDG: LOC ID: SAMP ID: FIELD QC CODE: SAMP DEPTH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE:	RI PHASE 1 STEP 1 77907 MM57-2 572101 SA 6 6 GROUND WATER 27-Apr-00	RI PHASE 1 STEP 1 77907 MM57-3 572102 SA 6 6 GROUND WATER 27-Apr-00	RI PHASE 1 STEP 1 77907 MM57-4 572103 SA 11 22 GROUND WATER 26-Apr-00	RI PHASE 1 STEP 1 77907 MM57-5 572104 SA 22 22 GROUND WATER 26-Apr-00	RI PHASE 1 STEP 1 77907 MM57-6 572105 SA 12 12 GROUND WATER 27-Apr-00	RI PHASE 1 STEP 1 77907 MM57-7 572106 DU 6 6 GROUND WATER 27-Apr-00	RI PHASE 1 STEP 1 77907 MM57-8 572107 SA 12 12 GROUND WATER 28-Apr-00	RI PHASE 1 STEP 1 77907 MM57-9 572108 DU 6 6 GROUND WATER 27-Apr-00
UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
UG/L	.006 U	.005 U	.006 U	.005 U	.005 U	.006 U	.006 U	.006 U
UG/L	.006 U	.008 U	.008 U	.008 U	.009 U	.006 U	.006 U	.006 U
UG/L	.011 U	.011 U	.011 U	.011 U	.011 U	.012 U	.012 U	.012 U
UG/L	.096 U	.053 U	.057 U	.052 U	.054 U	.059 U	.059 U	.059 U
UG/L	.56 U	.53 U	.37 U	.32 U	.34 U	.39 U	.39 U	.39 U
UG/L	19.4 J	298.	140 J	324 J	594 J	25.1 J	25.1 J	25.1 J
UG/L	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U
UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.9 J	2.5 U	2.5 U	2.5 U
UG/L	23.4 J	49.3 J	62.2 J	98.9 J	46.5 J	23.6 J	23.6 J	23.6 J
UG/L	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U
UG/L	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U
UG/L	297,000 J	97,600 J	81,000 J	72,600 J	78,100 J	297,000 J	297,000 J	297,000 J
UG/L	2.2 U	5.3 J	2.2 U	2.2 U	2.3 J	2.2 U	2.2 U	2.2 U
UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
UG/L	2.1 U	2.1 U	5.7 J	2.1 U	4 J	2.1 U	2.1 U	2.1 U
UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
UG/L	24.9 U	355 J	87.4 J	412 J	545 J	24.9 U	24.9 U	24.9 U
UG/L	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
UG/L	31,200.	30,000.	17,000.	19,100.	11,700.	31,200.	31,200.	31,200.
UG/L	1 U	20.6	2.5 J	43.8	36.2	1 U	1 U	1 U
UG/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
UG/L	2.9 U	4.3 J	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U
UG/L	1,230 J	2,940 J	1,130 J	3,020 J	1,800 J	1,230 J	1,230 J	1,230 J
UG/L	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
UG/L	1.9 U	1.9 U	1.9 U	1.9 U	3.1 J	2.1 J	2.1 J	2.1 J
UG/L	7,680.	9,620.	5,660.	26,100.	3,610 J	8,230 J	8,230 J	8,230 J
UG/L	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
UG/L	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U
UG/L	1.5 U	3.5 U	6.7 J	10.8 J	2.9 J	1.5 U	1.5 U	1.5 U
MG/L	6 U	6 U	5 U	6 U	16 U	6 U	6 U	6 U
MG/L	.37	.09	.13	.03	.03	.48	.48	.48
MG/L	1,030.	416.	291.	344.	248.	1,010.	1,010.	1,010.
MG/L	790.	380.	320.	280.	240.	740.	740.	740.

