APPENDIX C

WELL DEVELOPMENT LOGS

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887.01020300
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: CWM 183 MW01
Well No.: MW01
Date started: 11/14/01

Monitoring Well Information

Development Method: Surge+pump
Development Equipment: whale pump, WL indicator, horiba u10, HF turbidimeter
Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): 36.53' bTOC
Total depth of Well (ft): 51.92' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
09:20	Ø	36.53	7.26	.283	>999	-1.44	15.7	opaque dk. gray	Surging — .5gpm
09:35	7.5	40.46	6.45	.192	>999	-1.32	15.5	black	.5gpm 2ft off bottom
09:50	15	43.70	6.74	.184	>999	-1.26	15.8	dk gray	.25 gpm " "
10:05	18.375	44.40	6.72	.174	>999	-1.19	16.0	v cloudy gray	.125 gpm " "
10:20 ~~11:05~~ 11/15/01	20.25	44.07	6.74	.160	>999	-1.12	16.2	gray cloudy	.125 gpm " "
10:35 ~~11:20~~ 11/15/01	22.125	44.00	6.65	.155	685	-1.44	16.6	"	.125 gpm " "
10:50 ~~11:36~~ 11/15/01	24	43.92	6.68	.141	463	-1.35	16.8	"	.175 gpm " "

TD − DTW = WC x (2")/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

51.92 − 36.53 = 15.39 x .163 = 2.51 gal. x 5 = 12.54 gal + 170 gal = 182.54 gal

rec'd [illegible]
11/26/01

Parcel No.: CWM 183
Well ID: MW01
Date: 11 14 01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
11:05	26.625	44.42	6.68	.126	412	-1.33	16.8	gray v. cloudy	.175 gpm 2 ft off bottom
11:20	29.25	44.92	6.67	.114	338	-1.34	16.6	"	" " " "
11:35	31.875	45.02	6.65	.114	342	-1.40	16.7	"	" " " "
11:50	34.5	45.18	6.63	.112	610	-1.41	16.7	"	" " " "
12:05	37.125	45.48	6.64	.105	>999	-1.39	16.7	"	" " " "
12:20	39.75	45.85	6.71	.100	>999	-1.38	16.7	"	" " " "
13:50	39.75	39.72	6.66	.118	245	-1.17	17.5	gray cloudy	.15 gpm " "
14:05	42	41.51	6.67	~~.118~~ .109 .1501	325	-1.20	17.6	"	" " " "
14:20	44.25	42.35	6.70	~~.109~~ .106 .1501	308	-1.25	17.4	"	" " " "
14:35	46.5	42.42	6.88	~~.105~~ .105 .1501	225	-1.19	17.1	"	" " " "
14:50	48.75	42.85	6.85	.106	171	-1.24	17.1	"	" " " "
15:05	51	43.10	6.90	.102	224	-1.24	17.0	"	" " " "

Parcel No.: CWM 183
Well ID: MW01
Date: 11 14 01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
15:20	53.25	43.09 ~~42.42~~ @ 111501	6.99	.098	298	-1.22	17.0	gray cloudy	.15 gpm 2 ft off bottom
15:35	55.5	43.12	6.88	.097	310	-1.30	17.0	"	.15 gpm " "
15:50	57.75	43.15	6.77	.094	276	-1.28	17.1	"	.15 gpm " " 111401
08:00	57.75	36.70	5.68	.180	147	-1.46	14.7	"	.15 gpm 10 ft off bottom 111501
08:15	60	38.91	5.77	.117	398	-1.35	14.9	"	" 8 ft off bottom
08:30	62.25	39.85	6.31	.108	220	-1.23	15.3	"	" 6 ft off bottom
08:45	64.5	40.12	6.30	.104	318	-1.41	15.2	"	" 4 ft off bottom
09:00	64.75	40.14	6.30	.104	380	-1.51	15.1	"	" 4 ft off bottom
09:15	67	40.18	6.33	.107	412	-1.22	15.8	"	" 4 ft off bottom
09:30	69.25	40.21	6.32	.106	329	-1.11	15.9	"	" 3 ft off bottom
09:45	71.5	40.20	6.42	.101	280	-1.13	16.3	"	" 3 ft off bottom
10:00	73.75	40.22	6.53	.100	249	-1.14	16.4	"	" 3 ft

Parcel No.: CWM 183
Well ID: MW01
Date: 11 15 01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
10 : 15	76	40.26	6.46	.099	242	-1.20	16.6	gray cloudy	.15 gpm 3 ft off bottom
10 : 30	78.25	40.31	6.30	.098	238	-1.31	16.8	"	" " "
10 : 45	80.5	40.42	6.25	.097	233	-1.24	16.8	"	" " "
11 : 00	82.75	40.92	6.30	.095	338	-1.23	16.9	"	" " "
:									11 15 01
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11 15 01

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: CWM - 183
Well No.: MW02
Date started: 11 27 01

Monitoring Well Information

Development Method: Surge + pump
Development Equipment: ~~J.A~~ Whale pump, WL indicator, Horiba U10, Orion turbidimeter
Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): 18.78' bTOC
Total depth of Well (ft): 38.62' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
15:45	Ø	18.78	7.10	.314	>999	0.62	17.6	dk. gray	1 gpm surging
15:55	1Ø	well gone dry							11 27 01
08:15	1Ø	18.81	5.62	.354	>999	4.58	16.6	dk gray	.25 gpm 11 28 01 7 ft off bottom
08:30	13.75	25.54	6.46	.295	122	4.09	16.9	sl cloudy	.25 gpm 4 ft off bottom
08:45	17.5	26.85	6.45	.275	50	4.30	17.2	clearing	.25 gpm 6 ft off bottom
09:00	21.25	27.75	6.45	.360	37	3.72	17.1	clear	.25 gpm 8 ft off bottom
09:15	25	28.41	6.46	.248	21	3.35	17.2	clear	.25 gpm 6 ft off bottom

TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

38.62 - 18.78 = 19.84 x .163 = 3.23 x 5 = 16.17 + 100 gallons = 116.17 gallons

QC'd [illegible]
11/30/01

Parcel No.: CWM-183
Well ID: MW02
Date: 11 28 01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) rate	depth
09:30	28.75	28.72 ~~28.75~~ 11 28 01	6.45	.245	9.7	3.51	17.3	clear	.25 gpm	6 ft off bottom
09:45	32.5	29.0 ~~32.5~~ 11 28 01	6.50	.239	9.2	4.12	17.4	"	"	"
10:00	36.25	29.18	6.57	.237	8.0	4.96	17.7	"	"	"
10:15	40	29.24	6.62	.235	5.6	3.32	17.8	"	"	"
10:30	43.75	29.39	6.82	.234	3.4	3.16	17.9	"	"	"
10:45	47.5	29.38	6.62	.232	3.6	2.96	18.2	"	"	"
11:00	51.25	29.60	6.43	.232	3.3	2.84	18.1	"	"	"
11:15	55	29.71	6.40	.232	6.2	1.98	18.6	"	"	"
11:30	58.75	29.78	6.39	.232	9.1	1.27	18.9	"	"	"
11:45	62.5	29.76	6.39	.230	7.0	1.30	18.7	"	"	"
12:00	66.25	29.78	6.39	.245	4.2	1.34	18.3	"	"	"
12:15	70	29.55	6.38	.228	5.0	2.47	18.4	"	"	"

Parcel No.: CWM 183
Well ID: MW02
Date: 11 28 01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) rate (gpm)	depth
12:30	73.75	29.46	6.39	.228	4.1	2.40	18.3	clear	.25 gpm	6 ft off bottom
12:45	77.5	29.37	6.39	.228	4.0	2.82	18.3	clear	"	" "
13:00	81.25	29.35	6.39	.225	5.6	1.92	18.5	"	"	" "
13:15	85	29.39	6.38	.217	5.4	1.76	18.7	"	"	" "
13:30	88.75	29.42	6.40	.220	5.7	2.23	18.6	"	"	" "
13:45	92.5	29.41	6.42	.227	4.2	2.50	18.4	"	"	" "
14:00	96.25	29.3~~4~~	6.40	.218	3.8	2.4	18.4	"	"	" "
14:15	100	29.32 ~~29.45~~ 11 28 01	6.40	.202	3.2	2.32	18.6	"	"	" "
14:30	103.75	29.45 ~~29.53~~ 11 28 01	6.40	.216	7.2	2.25	18.0	"	"	" "
14:45	107.5	29.53 ~~29.65~~ 11 28 01	6.37	.228	6.2	2.17	17.7	"	"	" "
15:00	111.25	29.65 ~~29.70~~ 11 28 01	6.38	.228	5.2	2.19	17.6	"	"	" "
15:15	115	29.70	6.38	.229	4.9	2.06	18.1	"	"	" "
15:30	118.75	29.69	6.40	.228	5.0	2.13	18.0	"	"	" "

collect photo sample. Volume requirments met. Readings stabilized.

Groundwater Well Development Log

Fort McClellan, Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: CWM - 183
Well No.: MW03
Date started: 11-20-01

Monitoring Well Information

Development Method: surge + pump
Development Equipment: whale pump, wl indicator, Horiba U10, Orion turbidimeter
Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): 10.94 ' bTOC
Total depth of Well (ft): 18.38 ' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
12:30	Ø	10.94	6.24	.722	>999	2.37	17.0	orange very cloudy	rate gpm .5 surging
12:45	7.5	12.60	6.01	.538	368	5.06	16.9	orange cloudy	.25 1ft off bottom
13:00	11.25	14.20	6.10	.512	>999	5.32	16.3	orange very cloudy	.25 " "
13:15	15	16.98	6.30	.501	>999	5.96	16.1	"	.25 " "
13:30	18.75	well	goes	dry;	will	wait	and check	for	recharge. —
14:30	—	13.82	just	checking	for	recovery;	not 80	%	— 11 20 01
08:15	18.75	11.64	5.80	.785	52	6.79	10.4	or. sl. cloudy	11 21 01

TD - DTW = WC x 2"/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

18.38 - 10.94 = 7.44 x .163 = 1.21 x 5 = 6.06 + 20 = 26.06 gallons

QC'd [illegible] 11/27/01

Parcel No.: Cwm 183
Well ID: MW03
Date: 11/21/01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)	
									rate (gpm)	depth of pump
08:30	21	12.85	6.46	.726	19	7.07	15.1	~~orange~~ clear ~~sl. cloudy~~ 11/22/01	.15	5 ft off bottom
08:45	23.25	15.95	6.71	.755	>999	6.92	14.0	orange to tan cloudy	.15	4 ft off bottom
09:00	25.5	16.76	6.82	.764	>999	7.62	15.0	orange to ~~yellow~~ tan cloudy	.15	1 ft off bottom
09:15	27.75	well	gone	dry					[signature]	11/21/01
10:45	27.75	10.80	6.52	.858	114	4.20	18.5		[signature]	11/26/01
11:00	29.6	11.64	6.68	.812	61	5.23	19.6			
11:15	31.5	12.37	6.72	.801	56	5.45	19.7			
11:30	33	13.52	6.92	.735	43	5.59	18.9			
11:45	34.5	15.25	6.61	.715	63	5.72	19.1			
11:48	34.8	well	goes	dry	(3rd	time)			[signature]	11/26/01
08:10		11.32	collect	photo	sample.	Small	amount		[signature]	11 27 01
:	used	for	turbidity	reading		turbidity	= 141	ntu's		

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: CWM 183
Well No.: CWM-183-MW04
Date started: 11-15-01

Monitoring Well Information

Development Method: surge + pump
Development Equipment: whale pump, WL indicator, Horiba U10, HF turbidimeter
Casing Diameter:

Beginning Measurments
Depth to Water (ft): ~~4.44~~ 19.90' bTOC
Total depth of Well (ft): 24.34' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
14:35	Ø	19.90	6.82	.755	>999	1.30	16.9	orange opaque	@ 1gpm surging w/pump
14:40	5	well	gone	dry					11/5/01
07:50	5	20.02	7.03	.916	>999	-0.90	11.6	orange v. cloudy	11/16/01 .125 gpm 1 ft off bottom
08:05	6.875	22.04	7.09	.929	>999	-0.57	15.2	"	.09 gpm " "
08:20	8.225	Top of pump	7.11	.931	>999	-0.42	15.4	"	.09 gpm " "
08:30	9.575	well	gone	dry.	wait	20 min	to check	for recovery —	
08:55	9.575	22.85	poor	recovery	noted.	Continue	level	tomorrow	11/16/01

TD - DTW = WC x (2'/4' well) = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

24.34 − 19.90 = 4.44 × .163 = .724 × 5 = 3.62 + 60 = 63.62 gallons

ac's

11/28/01

Parcel No.: CWM 183
Well ID: CWM 183 MW04
Date: 11 19 01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
09:25	9.575	19.92	6.10	.796	>999	5.99	17.9	v. cloudy orange	[signature] 111901 .1 gpm .5 ft off bottom
09:40	11.075	21.40	6.12	.792	747	6.09	18.0	"	" " " "
09:55	12.5	22.86	6.13	.793	>999	6.22	18.5	"	" " " "
10:10	14	Top of pump	readings not taken. Not				enough	water	" " " "
10:13	well goes dry for a third time								[signature] 111901
08:30	collecting photo sample				18.6	using poly bailer			[signature] 112001
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:					11 20 01				
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:									

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: CWM 183
Well No.: MW06
Date started: 11/19/01

Monitoring Well Information

Development Method: bailer (well dry)
Development Equipment: poly bailer, Horiba U10, Orion turbidimeter, WL indicator
Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): 31.85' BTOC
Total depth of Well (ft): 28.95' BTOC

11 27 01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
14:15	—	28.95	bailer comes up coated in mud, no fluid inside. well dry.						11 19 01
14:15	—	29.04	WL probe comes up same; same result w/ bailer. well still dry.						11 26 01
09:30	—	29.01	same as above, mud on bottom				cannot bailer;	well dry,	11 27 01
:									
:									
:									
:									

11 27 01

TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

31.85 - 28.95 = 2.9 x .163 = .47 x 5 = 2.36 + 100 gallons = 102.36

QC's 11/28/01

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11/17/00

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: Cwm-183
Well No.: MW07
Date started: 11 19 01

Monitoring Well Information

Development Method: Well is dry.
Development Equipment: WL indicator

Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): dry
Total depth of Well (ft): 19.47' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
12:46	—	dry;	no response at all. well is dry. TD recorded.						111901 TD = 19.47' bTOC
15:30	—	no response on WL indicator.				probe slightly wet.			112601 TD = 19.46' bTOC
10:00	—	no response on WL indicator. Well is dry						3rd try.	112701 TD = 19.47' bTOC
:									
:									
:									
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TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

NA

DC'd Kevin Hills 11/27/01

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: CWM 183
Well No.: MW08
Date started: 11-19-01

Monitoring Well Information

Development Method: bail
Development Equipment: WL indicator, Horiba U10, orion turbidimeter, poly bailer
Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): 16.73' BTOC
Total depth of Well (ft): 20.12' BTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
16:00	Ø	16.73	6.42	.672	>999	1.42	18.5	orange v. cloudy	bailing
16:10	1	well dry after just a few bailers totaling							1 gal. 11-19-01
09:45	1	17.76	6.15	.663	>999	2.01	17.2	or. v. cloudy	bailing 11 20 01
09:55	2	well dry for second time							11 20 01
15:30	2	17.78	6.51	.650	655	3.14	15.8	orange cloudy	bailing 11 20 01
15:40	3	well dry for third time							11 20 01
07:50	3	collecting photo sample			217 ntu's		only turbidity collected.		11 21 01

TD - DTW = WC x (2')/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

20.12 - 16.73 = 3.39 x .163 = .55 gallon x 5 = 2.76 + 20 gal. = 22.76 gallons

QC'd 11/27/01

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: CWM 183
Well No.: MW09
Date started: 11 27 01

Monitoring Well Information

Development Method: NA - well is dry
Development Equipment: WL indicator

Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): NA
Total depth of Well (ft): 27.72' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
09:00	—	no response ;	Well	is dry	TD = 27.72' bTOC				11 27 01
10:00	—	no response from WL indicator			Well is	still	dry		11 ~~28~~ 29 01
08:45	-	no response again.		Well	is	dry			11 30 01
:									
:									
:									
:									

11 30 01

TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

NA

11/30/01

Groundwater Well Development Log

Fort McClellan, Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: CWM - 183
Well No.: MW10
Date started: 11 27 01

Monitoring Well Information

Development Method: bailer
Development Equipment: Poly bailer, WL indicator, Horiba U10, Orion turbidimeter
Casing Diameter: 2" PVC

Beginning Measurments
Depth to Water (ft): 20.10 ' bTOC
Total depth of Well (ft): 23.03 ' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
14:00	Ø	20.10	5.66	.514	151	2.16	18.2	or cloudy	bailing
14:15	Ø 1 11/30/01	21.95	5.83	.456	704	2.14	17.1	or. cloudy	"
14:30	1 2 11/30/01	well	has gone dry.	bailer	comes up	empty.	—		11 27 01
14:50	—	21.19	not	80%	recovery.	will return.			112701
16:00	2	20.20	5.81	.243	18.5	2.02	17.1	clear	112801
16:15	2.75	21.65	6.13	.393	1638	5.80	16.6	or. cloudy	bailing
16:25	4.0	well	is	dry	—				112801

TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

23.03 - 20.10 = 2.93 x .163 = .48 x 5 = 2.4 + 20 = 22.4 gallons

QC'd [illegible]
11/30/01

Parcel No.: CWM - 183
Well ID: MW10
Date: 11 29 01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
08:40	4	20.25	5.40	.367	29	11.76	19.1	clear	bailing 112901
08:55	4.75	21.89	6.27	.372	>999	9.24	18.5	orange cloudy	"
09:05	6	well	gone	dry.	will	return	for	photo	sample —
07:40	—	20.17	collect	photo	sample.	Turbidity	=	7.1	ntu's 113001
:									
:									
:									
:									
:									113001
:									
:									
:									

APPENDIX D

SURVEY DATA

Appendix D

Survey Data
Training Area T-6 (Naylor Field), Parcel 183(6), Fort McClellan, Calhoun County, Alabama

Sample Location	Northing	Easting	Ground Elevation (ft amsl)	Top of Casing Elevation (ft amsl)
CWM-183-DEP01	1166433.20	670916.21	788.66	NA
CWM-183-DEP02	1166713.06	670370.41	812.30	NA
CWM-183-GP01	1165891.31	670282.95	850.11	NA
CWM-183-GP02	1165840.43	670413.41	838.02	NA
CWM-183-GP03	1165893.60	670286.23	861.01	NA
CWM-183-MW01	1165946.46	670208.96	853.77	855.91
CWM-183-MW02	1165863.70	670484.14	827.94	829.79
CWM-183-MW03	1166712.55	670379.40	788.81	790.81
CWM-183-MW04	1166413.59	670379.99	798.34	800.51
CWM-183-MW05	1166407.03	670533.67	796.48	798.55
CWM-183-MW06	1166394.50	670234.64	808.91	810.92
CWM-183-MW07	1166508.69	670284.13	798.83	800.93
CWM-183-MW08	1166595.78	670223.00	796.74	798.76
CWM-183-MW09	1166490.93	670164.19	806.95	809.18
CWM-183-MW10	1166284.75	670416.60	799.96	802.01
CWM-183-SW/SD02	1166984.67	670479.11	795.87	NA

Horizontal coordinates referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum of 1983 (NAD83).

Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

ft amsl - Feet above mean sea level
NA - Not applicable.

APPENDIX E

VARIANCES

INTERNATIONAL TECHNOLOGY CORPORATION

Variance No:	CWMPARCEL183NOVEMBER01.VR1
Linked w/NC No:	x
Date of Issue:	11-19-01
	Page _1 of 1__

Project Name: **Fort McClellan** – CK10 \ WAD 01

Project Number: 796887.01020300

-Variance Report -

I.Description: (by the person identifying the change)

SITE-SPECIFIC FIELD SAMPLING PLAN, SITE-SPECIFIC SAFETY AND HEALTH PLAN, AND SITE-SPECIFIC UNEXPLODED ORDNANCE SAFETY PLAN ATTACHMENTS FOR CHEMICAL WARFARE MATERIAL SITES: , NAYLOR FIELD - TRAINING AREA T-6, PARCEL 183

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed the collection of surface water samples and sediment samples at sample locations CWM-183-SW\SD01 and CWM-183-SW\SD03. These two surface water samples and sediment samples were not collected. Depositional soil samples were collected at these locations.

Identified by: Greg Sylwester, Risk Assessment Specialist

Date: 11-19-01

II. Justification for Variance:

The FSSFSP proposed a surface water sample and sediment sample at sample locations CWM-183-SW\SD01 and CWM-183-SW\SD03. Surface water and sediment were not present in the drainage ditch \ creek during sample collection. Several attempts were made to collect a surface water sample and sediment sample, but all attempts were unsuccessful. Therefore, depositional soil samples CWM-183-DEP01and CWM-183-DEP02 were collected at those locations to determine the presence or absence of contamination.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Chemical Warfare Material Sites – Agent ID Area (Parcel 509), Training Area T-6 (Naylor Field) (Parcel 183), Blacktop Training Area (Parcel 511), Fenced Yard in Blacktop Training Area (Parcel 512), Dog Training Area (Parcel 513), Dog Kennel Area (Parcel 516), Training Area T-5 (Parcel 182), Former Detection and Identification Area (Parcel 180), Old Burn Pit (Parcel 514), CBR Proficiency Area (Parcel 517) and Old Toxic Training Area (Parcel 188); October, 2000.

Distribution List:
1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager 11-27-2001 Date

Approved by: Stanley E. Parrott, USACE 11-29-01 Date

Project Manager Approval: Jeanne Yacoub 12/6/01 Date

QA Approval:Randy McBride Randy McBride 12-5-01 Date

INTERNATIONAL TECHNOLOGY CORPORATION	**Variance No:** CWMPARCEL183(6)JANUARY02.VR1
	Linked w/NC No: x
	Date of Issue: 1-14-02
	Page _1 of 1__
Project Name: **Fort McClellan** – CK10 \ WAD 01	Project Number: 796887.01020300

-Variance Report -

I.Description: (by the person identifying the change)

SITE-SPECIFIC FIELD SAMPLING PLAN, SITE-SPECIFIC SAFETY AND HEALTH PLAN, AND SITE-SPECIFIC UNEXPLODED ORDNANCE SAFETY PLAN ATTACHMENTS FOR CHEMICAL WARFARE MATERIAL SITES: TRAINING AREA T-6, (NAYLOR FIELD) PARCEL 183(6)

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed the collection of ten surface soil samples and ten subsurface soil samples at sample locations CWM-183-GP01, CWM-183-GP02, CWM-183-MW01, CWM-183-MW02, CWM-183-MW03, CWM-183-MW04, CWM-183-MW05, CWM-183-MW06, CWM-183-MW07 and CWM-183-MW08. These soil samples were proposed for the Site Investigation (SI) to determine the presence or absence of soil contamination. However, thirteen surface soil samples and thirteen subsurface soil samples were collected for chemical analysis.

Identified by: Jeffrey J. Tarr, PG – IT Site Manager	Date: 1-14-02

II. Justification for Variance:

The FSSFSP proposed ten surface soil samples and ten subsurface soil samples to determine the presence or absence of soil contamination. The IT Site Manager made a decision to collect three additional surface soil samples and three additional subsurface soil samples at sample locations CWM-183-GP03, CWM-183-MW09 and CWM-183-MW10. These three surface soil samples and three subsurface soil samples were collected to better determine the presence or absence of soil contamination associated with chemical warfare training activities. These soil samples were not proposed in the FSSFSP. This variance will not alter the intent of the SI at Training Area T-6.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Chemical Warfare Material Sites – Agent ID Area (Parcel 509), Training Area T-6 (Naylor Field) (Parcel 183), Blacktop Training Area (Parcel 511), Fenced Yard in Blacktop Training Area (Parcel 512), Dog Training Area (Parcel 513), Dog Kennel Area (Parcel 516), Training Area T-5 (Parcel 182), Former Detection and Identification Area (Parcel 180), Old Burn Pit (Parcel 514), CBR Proficiency Area (Parcel 517) and Old Toxic Training Area (Parcel 188); October, 2000.

Distribution List:
1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager	1-14-2002 Date
Approved by: COTE	1-16-2002 Date
Project Manager Approval:	1/22/02 Date
QA Approval:Randy McBride	1/21/02 Date

INTERNATIONAL TECHNOLOGY CORPORATION	**Variance No:** CWMPARCEL183(6)JANUARY02.VR2
	Linked w/NC No: x
	Date of Issue: 1-14-02
	Page _1 of 1__
Project Name: **Fort McClellan** – CK10 \ WAD 01	Project Number: 796887.01020300

-Variance Report -

I.Description: (by the person identifying the change)

SITE-SPECIFIC FIELD SAMPLING PLAN, SITE-SPECIFIC SAFETY AND HEALTH PLAN, AND SITE-SPECIFIC UNEXPLODED ORDNANCE SAFETY PLAN ATTACHMENTS FOR CHEMICAL WARFARE MATERIAL SITES: TRAINING AREA T-6, (NAYLOR FIELD) PARCEL 183(6)

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed drilling and installation of eight residuum monitoring wells CWM-183-MW01, CWM-183-MW02, CWM-183-MW03, CWM-183-MW04, CWM-183-MW05, CWM-183-MW06, CWM-183-MW07 and CWM-183-MW08. These residuum wells were proposed for the Site Investigation (SI) to determine the presence or absence of groundwater contamination and establish a local groundwater flow direction. However, two additional residuum monitoring wells CWM-183-MW09 and CWM-183-MW10 were installed.

Identified by: Jeffrey J. Tarr, PG – IT Site Manager	Date: 1-14-02

II. Justification for Variance:

The FSSFSP proposed the installation of eight residuum monitoring wells for the collection of eight groundwater samples to determine the presence or absence of groundwater contamination. The IT Site Manager made a decision to install two additional residuum monitoring wells CWM-183-MW09 and CWM-183-MW10 to better determine the presence or absence of groundwater contamination associated with chemical warfare training activities. These two wells were not proposed in the FSSFSP. This variance will not alter the intent of the SI at Training Area T-6.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Chemical Warfare Material Sites – Agent ID Area (Parcel 509), Training Area T-6 (Naylor Field) (Parcel 183), Blacktop Training Area (Parcel 511), Fenced Yard in Blacktop Training Area (Parcel 512), Dog Training Area (Parcel 513), Dog Kennel Area (Parcel 516), Training Area T-5 (Parcel 182), Former Detection and Identification Area (Parcel 180), Old Burn Pit (Parcel 514), CBR Proficiency Area (Parcel 517) and Old Toxic Training Area (Parcel 188); October, 2000.

Distribution List:
1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager	1-14-2002 Date
Approved by: COR	1-16-2002 Date
Project Manager Approval:	1/22/02 Date
QA Approval:Randy McBride	1/21/02 Date

INTERNATIONAL TECHNOLOGY CORPORATION	**Variance No:** CWMPARCEL183(6)JANUARY02.VR3
	Linked w/NC No: x
	Date of Issue: 1-16-02
	Page _1 of 1__
Project Name: **Fort McClellan** – CK10 \ WAD 01	Project Number: 796887.01020300

-Variance Report -

I.Description: (by the person identifying the change)

SITE-SPECIFIC FIELD SAMPLING PLAN, SITE-SPECIFIC SAFETY AND HEALTH PLAN, AND SITE-SPECIFIC UNEXPLODED ORDNANCE SAFETY PLAN ATTACHMENTS FOR CHEMICAL WARFARE MATERIAL SITES: TRAINING AREA T-6, (NAYLOR FIELD) PARCEL 183(6)

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed the collection of eight groundwater samples for chemical analysis from eight residuum monitoring wells; CWM-183-MW01, CWM-183-MW02, CWM-183-MW03, CWM-183-MW04, CWM-183-MW05, CWM-183-MW06, CWM-183-MW07 and CWM-183-MW08. Two additional residuum wells CWM-183-MW09 and CWM-183-MW10 were installed. However, groundwater samples were not collected at residuum wells CWM-183-MW05, CWM-183-MW07 and CWM-183-MW09.

Identified by: Jeffrey J. Tarr, PG – IT Site Manager	Date: 1-16-02

II. Justification for Variance:

During drilling and monitoring well installation activities competent bedrock was encountered at residuum wells CWM-183-MW05, CWM-183-MW07 and CWM-183-MW09 prior to reaching groundwater. Based upon previous drilling and well installation activities at Fort McClellan, groundwater tends to migrate along the soil \ bedrock interface. Therefore, a decision was made to install the wells on top of competent bedrock with the intent of having groundwater enter the well screen during periods of heavy rainfall. To date, groundwater has been present in the wells, but not enough to collect samples. Currently, these three wells are being monitored for the presence of groundwater. Should any of these three wells contain groundwater, samples will be collected for chemical analysis.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Chemical Warfare Material Sites – Agent ID Area (Parcel 509), Training Area T-6 (Naylor Field) (Parcel 183), Blacktop Training Area (Parcel 511), Fenced Yard in Blacktop Training Area (Parcel 512), Dog Training Area (Parcel 513), Dog Kennel Area (Parcel 516), Training Area T-5 (Parcel 182), Former Detection and Identification Area (Parcel 180), Old Burn Pit (Parcel 514), CBR Proficiency Area (Parcel 517) and Old Toxic Training Area (Parcel 188); October, 2000.

Distribution List:
1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager	Jeffrey J. Tarr 1-16-2002 Date
Approved by: COE	1-16-2002 Date
Project Manager Approval:	Jeanne Yacoub 1/22/02 Date
QA Approval:Randy McBride	Randall L. McBride 1/21/02 Date

APPENDIX F

SUMMARY STATISTICS FOR BACKGROUND MEDIA, FORT MCCLELLAN, ALABAMA

Table 4-12. Summary Statistics for Surface Soil (0 -1 BLS)
Fort McClellan, Alabama

Run Time: 8:18:07 AM

Run Date: 7/10/98

Exposure Unit: SS

Parameter	Units	Total Number of Samples	Total Number of Detects	Frequency of Detection	NonDetects Min CRL	NonDetects Max CRL	Detects Minimum	Detects Maximum	Arithmetic Mean[a]	Standard Deviation[a]	Distribution[b]	95% UCL of Arith. Mean[a]	Exposure Point Concentration[c]		2x Arithmetic Mean[a]
Aluminum	ug/g	70	70	100%	- -	- -	2,400	39,900	8,153.00	6,095	Lognormal	11,187	11,187		16,306
Antimony	ug/g	69	47	68%	0.082	7.1	0.11	2.6	0.99	1.3	Lognormal	3.4	2.6	#	1.99
Arsenic	ug/g	66	66	100%	- -	- -	0.82	49	6.86	8.0	Lognormal	13	13		13.73
Barium	ug/g	70	70	100%	- -	- -	11	288	61.97	54	Lognormal	99	99		123.94
Beryllium	ug/g	54	54	100%	- -	- -	0.062	0.87	0.40	0.22	Lognormal	0.61	0.61		0.80
Cadmium	ug/g	70	45	64%	0.016	1.2	0.024	0.21	0.14	0.16	Lognormal	0.36	0.21	#	0.29
Calcium	ug/g	70	66	94%	75	100	63	17,900	861.37	2,265	Lognormal	1,942	1,942		1,723
Chromium	ug/g	70	70	100%	- -	- -	2.0	134	18.52	20	Lognormal	31	31		37.04
Cobalt	ug/g	70	68	97%	1.4	1.4	0.39	71	7.57	12	Lognormal	18	18		15.15
Copper	ug/g	70	69	99%	0.50	0.50	1.3	24	6.36	4.4	Lognormal	11	11		12.71
Iron	ug/g	70	70	100%	- -	- -	2,510	56,300	17,076.86	11,577	Lognormal	27,000	27,000		34,154
Lead	ug/g	70	70	100%	- -	- -	2.9	83	20.02	15	Lognormal	33	33		40.05
Magnesium	ug/g	70	70	100%	- -	- -	60	9,600	516.49	1,266	Lognormal	768	768		1,033
Manganese	ug/g	70	70	100%	- -	- -	8.0	6,850	789.46	1,192	Lognormal	3,183	3,183		1,579
Mercury	ug/g	70	23	33%	0.023	0.050	0.031	0.32	0.04	0.046	Lognormal	0.058	0.058		0.08
Nickel	ug/g	70	56	80%	1.6	2.3	1.8	22	5.17	4.2	Lognormal	9.7	9.7		10.33
Potassium	ug/g	70	60	86%	82	116	104	6,010	399.88	946	Lognormal	607	607		799.76
Selenium	ug/g	70	1	1%	0.25	0.58	1.3	1.3	0.24	0.14	Lognormal	0.29	0.29		0.48
Silver	ug/g	70	42	60%	0.016	0.80	0.019	1.9	0.18	0.34	Lognormal	0.70	0.70		0.36
Sodium	ug/g	70	66	94%	39	39	76	563	317.14	98	Lognormal	562	562		634.28
Thallium	ug/g	68	55	81%	6.6	6.6	0.015	34	1.71	5.9	Lognormal	12	12		3.43
Vanadium	ug/g	70	70	100%	- -	- -	4.7	158	29.42	26	Lognormal	48	48		58.84
Zinc	ug/g	70	64	91%	4.9	11	4.6	209	20.32	26	Lognormal	35	35		40.64

[a]Results of duplicate analyses were averaged and nondetects were treated as one-half the detection limit in the calculation of the arithmetic mean, standard deviation, and 95% UCL.

[b]For the calculation of exposure point concentrations (EPCs):

If fewer than four samples are available, or the standard deviation of the data set is zero, the distribution is undetermined.

If the probability plot correlation coefficient of the untransformed data is > or = to the critical value, the distribution is normal.

In all other cases, the distribution assumed for the EPC calculation was lognormal.

[c]The exposure point concentration (EPC) is the 95% upper confidence (UCL) of the arithmetic mean, unless the 95% UCL exceeds the maximum detected value.

If the latter is true, the maximum detected value is substituted as the EPC(denoted by a "#" next to the EPC).

- - Parameter detected in all samples.

Table 4-13. Summary Statistics for Subsurface Soil (>1-10 feet BLS)
Fort McClellan, Alabama

Run Time: 8:18:07 AM
Run Date: 7/10/98
Exposure Unit: SD

Parameter	Units	Total Number of Samples	Total Number of Detects	Frequency of Detection	NonDetects Min CRL	NonDetects Max CRL	Detects Minimum	Detects Maximum	Arithmetic Mean[a]	Standard Deviation[a]	Distribution[b]	95% UCL of Arith. Mean[a]	Exposure Point Concentration[c]		2x Arithmetic Mean[a]
Aluminum	ug/g	64	64	100%	- -	- -	1,690	24,600	6,795.47	3,552	Lognormal	9,068	9,068		13,591
Antimony	ug/g	63	46	73%	0.079	7.1	0.082	0.99	0.65	0.98	Lognormal	1.8	0.99	#	1.31
Arsenic	ug/g	64	61	95%	0.25	0.45	0.77	38	9.15	9.7	Lognormal	36	36		18.30
Barium	ug/g	64	64	100%	- -	- -	4.1	4,500	116.81	562	Lognormal	161	161		233.62
Beryllium	ug/g	59	57	97%	0.051	0.053	0.041	2.0	0.43	0.43	Lognormal	0.94	0.94		0.86
Cadmium	ug/g	64	35	55%	0.015	1.2	0.020	1.3	0.11	0.21	Lognormal	0.30	0.30		0.22
Calcium	ug/g	64	44	69%	57	200	67	3,650	318.58	606	Lognormal	772	772		637.17
Chromium	ug/g	64	64	100%	- -	- -	5.5	55	19.13	11	Lognormal	27	27		38.25
Cobalt	ug/g	64	60	94%	0.23	1.4	0.26	96	8.77	16	Lognormal	34	34		17.54
Copper	ug/g	64	64	100%	- -	- -	1.3	61	9.72	9.1	Lognormal	16	16		19.43
Iron	ug/g	64	64	100%	- -	- -	4,840	48,000	22,408.44	10,436	Normal	24,586	24,586		44,817
Lead	ug/g	64	64	100%	- -	- -	0.96	500	19.27	61	Lognormal	27	27		38.53
Magnesium	ug/g	64	60	94%	100	200	35	5,940	383.12	885	Lognormal	638	638		766.24
Manganese	ug/g	64	63	98%	4.1	4.1	7.3	19,000	677.67	2,417	Lognormal	3,864	3,864		1,355
Mercury	ug/g	64	31	48%	0.022	0.050	0.022	0.12	0.03	0.025	Lognormal	0.053	0.053		0.07
Nickel	ug/g	64	51	80%	1.6	2.2	2.2	38	6.45	7.8	Lognormal	13	13		12.89
Potassium	ug/g	64	52	81%	75	110	98	6,150	355.37	774	Lognormal	660	660		710.74
Selenium	ug/g	64	1	2%	0.25	0.58	0.55	0.55	0.24	0.060	Lognormal	0.27	0.27		0.47
Silver	ug/g	64	40	63%	0.016	1.2	0.021	0.66	0.12	0.15	Lognormal	0.47	0.47		0.24
Sodium	ug/g	64	63	98%	39	39	203	643	351.05	118	Lognormal	471	471		702.10
Thallium	ug/g	63	55	87%	0.0090	6.6	0.0090	24	0.70	3.0	Lognormal	2.0	2.0		1.40
Vanadium	ug/g	64	64	100%	- -	- -	8.7	99	32.45	20	Lognormal	47	47		64.89
Zinc	ug/g	64	50	78%	4.0	8.0	5.6	89	17.43	17	Lognormal	39	39		34.86

[a]Results of duplicate analyses were averaged and nondetects were treated as one-half the detection limit in the calculation of the arithmetic mean, standard deviation, and 95% UCL.

[b]For the calculation of exposure point concentrations (EPCs):

If fewer than four samples are available, or the standard deviation of the data set is zero, the distribution is undetermined.

If the probability plot correlation coefficient of the untransformed data is > or = to the critical value, the distribution is normal.

In all other cases, the distribution assumed for the EPC calculation was lognormal.

[c]The exposure point concentration (EPC) is the 95% upper confidence (UCL) of the arithmetic mean, unless the 95% UCL exceeds the maximum detected value. If the latter is true, the maximum detected value is substituted as the EPC(denoted by a "#" next to the EPC).

- - Parameter detected in all samples.

Table 4-9. Summary Statistics for Background Groundwater
Fort McClellan, Alabama

Run Time: 4:50:27 PM
Run Date: 7/9/98
Exposure Unit: WD

Parameter	Units	Total Number of Samples	Total Number of Detects	Frequency of Detection	NonDetects Min CRL	NonDetects Max CRL	Detects Minimum	Detects Maximum	Arithmetic Mean[a]	Standard Deviation[a]	Distribution[b]	95% UCL of Arith. Mean[a]	Exposure Point Concentration[c]		2x Arithmetic Mean[a]
Alkalinity-phenolphthalein	µg/L	33	2	6%	5,000	5,000	104,000	132,000	9,500.00	28,204	Lognormal	9,763	9,763		19,000
Aluminum	µg/L	57	34	60%	50	141	59	9,600	1,167.66	2,030	Lognormal	19,988	9,600	#	2,335
Antimony	µg/L	57	2	4%	0.60	10.0	0.70	0.80	1.60	1.7	Lognormal	4.4	0.80	#	3.191
Arsenic	µg/L	57	10	18%	1.1	2.5	1.5	224	8.88	41	Lognormal	6.1	6.1		17.764
Barium	µg/L	57	53	93%	6.5	18	5.5	401	63.73	88	Lognormal	144	144		127.458
Beryllium	µg/L	57	15	26%	0.20	5.0	0.20	2.4	0.62	0.74	Lognormal	1.8	1.8		1.247
Bicarbonate	µg/L	33	22	67%	5,000	172,000	9,000	392,000	100,818.18	93,836	Lognormal	831,264	392,000	#	201,636
Bromide	µg/L	33	4	12%	200	200	278	715	138.03	121	Lognormal	171	171		276.06
Cadmium	µg/L	57	22	39%	0.100	5.0	0.100	5.3	1.26	1.2	Lognormal	10	5.3	#	2.51
Calcium	µg/L	57	48	84%	231	33,900	217	452,000	28,246.44	60,264	Lognormal	580,060	452,000	#	56,493
Chloride	µg/L	33	24	73%	923	2,640	1,080	11,000	2,446.06	2,363	Lognormal	4,347	4,347		4,892
Cobalt	µg/L	57	3	5%	20	25	20	25	11.68	2.8	Lognormal	13	13		23.36
Copper	µg/L	57	10	18%	5.0	19	5.3	235	12.74	32	Lognormal	21	21		25.48
Fluoride	µg/L	33	6	18%	200	200	202	646	146.24	124	Lognormal	185	185		292.48
Iron	µg/L	57	44	77%	45	78	2.5	25,800	3,520.25	5,364	Lognormal	590,286	25,800	#	7,040
Lead	µg/L	57	25	44%	0.60	4.5	0.60	27	4.00	6.1	Lognormal	13	13		7.998
Magnesium	µg/L	57	47	82%	100	18,400	176	149,000	10,640.88	19,972	Lognormal	146,372	146,372		21,282
Manganese	µg/L	57	42	74%	5.0	9.7	9.8	5,820	290.25	809	Lognormal	7,221	5,820	#	580.5
Nitrate,Nitrite	µg/L	33	4	12%	10.0	1,110	430	771	141.26	219	Lognormal	1,192	771	#	282.5
Potassium	µg/L	57	43	75%	270	1,240	1.0	68,500	3,597.54	9,508	Lognormal	18,602	18,602		7,195
Silver	µg/L	57	1	2%	0.100	10.0	0.40	0.40	2.00	2.4	Lognormal	141	0.40	#	4.00
Sodium	µg/L	57	52	91%	892	1,180	555	64,700	7,423.18	11,765	Lognormal	23,173	23,173		14,846
Sulfate	µg/L	33	25	76%	1000	3,680	1,650	1.4E+06	51,628.33	242,827	Lognormal	88,195	88,195		103,257
Thallium	µg/L	54	7	13%	0.100	10.0	0.100	5.3	0.73	1.2	Lognormal	5.3	5.3		1.455
Total Alkalinity	µg/L	33	22	67%	5,000	172,000	9,000	392,000	103,424.24	93,707	Lognormal	880,230	392,000	#	206,848
Total Phosphorous	µg/L	33	21	64%	10.0	10.0	10.0	282	44.30	70	Lognormal	140	140		88.594
Vanadium	µg/L	57	2	4%	10.0	28	11	11	8.49	4.3	Lognormal	11	11		16.975
Zinc	µg/L	57	25	44%	18	30	22	1,160	109.98	249	Lognormal	273	273		219.97

[a]Results of duplicate analyses were averaged and nondetects were treated as one-half the detection limit in the calculation of the arithmetic mean, standard deviation, and 95% UCL.

[b]For the calculation of exposure point concentrations (EPCs):

If fewer than four samples are available, or the standard deviation of the data set is zero, the distribution is undetermined.

If the probability plot correlation coefficient of the untransformed data is > or = to the critical value, the distribution is normal.

In all other cases, the distribution assumed for the EPC calculation was lognormal.

[c]The exposure point concentration (EPC) is the 95% upper confidence (UCL) of the arithmetic mean, unless the 95% UCL exceeds the maximum detected value.

If the latter is true, the maximum detected value is substituted as the EPC(denoted by a "#" next to the EPC).

- - Parameter detected in all samples.

Table 4-10. Summary Statistics for Background Surface Water
Fort McClellan, Alabama

Run Time: 5:11:42 PM
Run Date: 7/9/98
Exposure Unit: WS

Parameter	Units	Total Number of Samples	Total Number of Detects	Frequency of Detection	NonDetects Min CRL	NonDetects Max CRL	Detects Minimum	Detects Maximum	Arithmetic Mean[a]	Standard Deviation[a]	Distribution[b]	95% UCL of Arith. Mean[a]	Exposure Point Concentration[c]		2x Arithmetic Mean[a]
Aluminum	µg/L	67	57	85%	50	141	65	47,800	2,629.59	7,921	Lognormal	17,831	17,831		5,259
Arsenic	µg/L	65	9	14%	1.1	2.4	1.4	11	1.08	1.5	Lognormal	1.5	1.5		2.17
Barium	µg/L	67	67	100%	- -	- -	11	200	37.68	35	Lognormal	55	55		75.36
Beryllium	µg/L	56	9	16%	0.20	0.20	0.20	3.2	0.19	0.43	Lognormal	0.22	0.22		0.39
Bicarbonate	µg/L	56	40	71%	5,000	5,000	6,000	172,000	53,178.57	57,480	Lognormal	449,171	172,000	#	106,357
Cadmium	µg/L	67	10	15%	0.20	6.8	0.20	1.5	0.57	0.91	Lognormal	1.4	1.4		1.13
Calcium	µg/L	67	67	100%	- -	- -	179	64,100	12,583.19	13,701	Lognormal	218,721	64,100	#	25,166
Chloride	µg/L	56	56	100%	- -	- -	467	10,100	1,943.05	1,815	Lognormal	2,656	2,656		3,886
Chromium	µg/L	64	1	2%	6.0	17	14	14	5.56	1.7	Undetermined	6.3	6.3		11.13
Copper	µg/L	56	8	14%	5.0	8.1	7.1	72	6.35	13	Lognormal	8.1	8.1		12.70
Fluoride	µg/L	56	6	11%	100	200	128	579	107.86	85	Lognormal	139	139		215.71
Iron	µg/L	67	64	96%	45	78	74	232,000	9,814.08	37,961	Lognormal	46,205	46,205		19,628
Lead	µg/L	66	34	52%	0.60	4.5	0.60	47	4.33	8.3	Lognormal	19	19		8.67
Magnesium	µg/L	67	67	100%	- -	- -	171	24,400	5,486.16	5,916	Lognormal	34,551	24,400	#	10,972
Manganese	µg/L	67	64	96%	5.0	9.7	5.5	6,060	282.42	840	Lognormal	1,153	1,153		564.85
Nickel	µg/L	67	3	4%	15	34	40	70	11.23	11	Lognormal	14	14		22.46
Nitrate,Nitrite	µg/L	56	44	79%	10.0	10.0	11	838	106.09	181	Lognormal	507	507		212.18
Potassium	µg/L	67	61	91%	1,240	1,240	330	7,120	1,281.85	1,157	Lognormal	1,940	1,940		2,564
Sodium	µg/L	66	66	100%	- -	- -	296	15,200	1,718.44	2,043	Lognormal	2,401	2,401		3,437
Sulfate	µg/L	56	56	100%	- -	- -	1,060	62,400	4,313.57	8,203	Lognormal	5,784	5,784		8,627
Thallium	µg/L	59	1	2%	0.100	125	4.2	4.2	1.24	8.1	Undetermined	0.56	0.56		2.49
Total Alkalinity	µg/L	56	40	71%	5,000	5,000	6,000	172,000	53,178.57	57,480	Lognormal	449,171	172,000	#	106,357
Total Phosphorous	µg/L	56	24	43%	10.0	14	11	655	38.82	99	Lognormal	87	87		77.64
Vanadium	µg/L	63	5	8%	10.0	28	13	36	7.60	5.7	Lognormal	9.8	9.8		15.21
Zinc	µg/L	66	6	9%	18	30	27	182	20.17	26	Lognormal	24	24		40.35

[a]Results of duplicate analyses were averaged and nondetects were treated as one-half the detection limit in the calculation of the arithmetic mean, standard deviation, and 95% UCL.

[b]For the calculation of exposure point concentrations (EPCs):

If fewer than four samples are available, or the standard deviation of the data set is zero, the distribution is undetermined.

If the probability plot correlation coefficient of the untransformed data is > or = to the critical value, the distribution is normal.

In all other cases, the distribution assumed for the EPC calculation was lognormal.

[c]The exposure point concentration (EPC) is the 95% upper confidence (UCL) of the arithmetic mean, unless the 95% UCL exceeds the maximum detected value.

If the latter is true, the maximum detected value is substituted as the EPC(denoted by a "#" next to the EPC).

- - Parameter detected in all samples.

Table 4-11. Summary Statistics for Background Sediment
Fort McClellan, Alabama

Run Time: 5:01:01 PM
Run Date: 7/9/98
Exposure Unit: DS

Parameter	Units	Total Number of Samples	Total Number of Detects	Frequency of Detection	NonDetects Min CRL	NonDetects Max CRL	Detects Minimum	Detects Maximum	Arithmetic Mean[a]	Standard Deviation[a]	Distribution[b]	95% UCL of Arith. Mean[a]	Exposure Point Concentration[c]	2x Arithmetic Mean[a]
Aluminum	ug/g	65	65	100%	- -	- -	657	17,400	4,296.32	3,138	Lognormal	6,591	6,590.77	8,593
Antimony	ug/g	59	40	68%	0.11	1.00	0.12	1.2	0.36	0.25	Lognormal	0.77	0.77	0.73
Arsenic	ug/g	58	58	100%	- -	- -	0.21	20	5.67	5.0	Lognormal	13	13.34	11.33
Barium	ug/g	65	65	100%	- -	- -	5.4	272	49.46	44	Lognormal	86	85.64	98.91
Beryllium	ug/g	55	55	100%	- -	- -	0.069	1.2	0.49	0.30	Lognormal	0.83	0.83	0.97
Cadmium	ug/g	65	47	72%	0.020	1.2	0.020	2.4	0.22	0.39	Lognormal	0.67	0.67	0.43
Calcium	ug/g	65	61	94%	60	99	88	2,810	555.76	557	Lognormal	1,370	1,369.94	1,111.51
Chromium	ug/g	65	65	100%	- -	- -	1.1	63	15.57	14	Lognormal	30	29.80	31.15
Cobalt	ug/g	64	59	92%	0.24	2.5	0.40	22	5.51	4.5	Lognormal	15	14.80	11.01
Copper	ug/g	61	60	98%	2.8	2.8	0.73	59	8.56	8.8	Lognormal	16	15.75	17.12
Iron	ug/g	65	65	100%	- -	- -	683	57,500	17,633.26	12,838	Lognormal	36,392	36,391.61	35,267
Lead	ug/g	62	61	98%	7.4	7.4	1.7	110	18.91	20	Lognormal	35	35.40	37.82
Magnesium	ug/g	65	65	100%	- -	- -	30	3,270	452.97	686	Lognormal	952	952.13	905.94
Manganese	ug/g	64	62	97%	4.2	5.0	8.7	2,050	356.15	385	Lognormal	1,735	1,735.37	712.31
Mercury	ug/g	65	37	57%	0.024	0.061	0.047	0.28	0.06	0.042	Lognormal	0.087	0.09	0.11
Nickel	ug/g	65	43	66%	2.1	5.3	2.4	33	6.51	6.9	Lognormal	14	14.02	13.02
Potassium	ug/g	65	46	71%	100	151	118	4,810	506.74	842	Lognormal	1,273	1,272.69	1,013.48
Selenium	ug/g	65	4	6%	0.25	1.2	0.72	1.9	0.36	0.29	Lognormal	0.44	0.44	0.72
Silver	ug/g	65	37	57%	0.018	0.80	0.021	1.1	0.16	0.21	Lognormal	0.73	0.73	0.32
Sodium	ug/g	65	57	88%	39	60	173	738	346.14	152	Lognormal	942	738.00 #	692.29
Thallium	ug/g	56	56	100%	- -	- -	0.012	0.22	0.06	0.047	Lognormal	0.098	0.10	0.13
Vanadium	ug/g	65	65	100%	- -	- -	2.6	67	20.44	13	Lognormal	34	33.66	40.87
Zinc	ug/g	65	58	89%	5.3	6.9	6.0	111	26.37	24	Lognormal	56	55.67	52.74

[a]Results of duplicate analyses were averaged and nondetects were treated as one-half the detection limit in the calculation of the arithmetic mean, standard deviation, and 95% UCL.

[b]For the calculation of exposure point concentrations (EPCs):

If fewer than four samples are available, or the standard deviation of the data set is zero, the distribution is undetermined.

If the probability plot correlation coefficient of the untransformed data is > or = to the critical value, the distribution is normal.

In all other cases, the distribution assumed for the EPC calculation was lognormal.

[c]The exposure point concentration (EPC) is the 95% upper confidence (UCL) of the arithmetic mean, unless the 95% UCL exceeds the maximum detected value. If the latter is true, the maximum detected value is substituted as the EPC(denoted by a "#" next to the EPC).

- - Parameter detected in all samples.

APPENDIX G

SUMMARY OF VALIDATED ANALYTICAL DATA

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

		Location Code:	CWM-183-MW01			CWM-183-MW02			CWM-183-MW03			CWM-183-MW04		
		Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
		Sample No:	TG3001			TG3002			TG3003			TG3004		
		Sample Date:	18-DEC-01			12-DEC-01			12-DEC-01			11-DEC-01		
User Test Group / Lab Method / Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN														
SW8321														
Diisopropylmethylphosphonic Acid	Y	mg/L	.01	U	U	.01	U	U	.01	U	UJ	.01	U	UJ
Dimethylmethylphosphonic Acid	Y	mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Ethylmethylphosponic Acid	Y	mg/L	.01	U	U	.01	U	U	.01	U	UJ	.01	U	UJ
Isopropylmethylphosphonic Acid	Y	mg/L	.02	U	U	.02	U	U	.02	U	UJ	.02	U	UJ
Methylphosphonic Acid	Y	mg/L	.1	U	U	.1	U	U	.1	U	UJ	.1	U	UJ
Thiodiglycol	Y	mg/L	.01	U	U	.01	U	U	.01	U	UJ	.01	U	UJ
METALS														
SW6010B														
Aluminum		mg/L	.086	J	J	.165	J	B	.0928	J	B	3.48		
Antimony		mg/L	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Arsenic		mg/L	.00332	J	B	.01	U	U	.01	U	U	.01	U	U
Barium		mg/L	.0545			.199			.106			.129		
Beryllium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Cadmium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Calcium		mg/L	2.87			20.1			101			81.6		
Chromium		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Cobalt		mg/L	.0114	J	J	.02	U	U	.02	U	U	.038		
Copper		mg/L	.02	U	U	.02	U	U	.02	U	U	.0063	J	J
Iron		mg/L	.32	J	J	1.76			1.81			6.42		
Lead		mg/L	.01	U	U	.01	U	U	.01	U	U	.00272	J	B
Magnesium		mg/L	4.34			14.3			11.1			7.51		
Manganese		mg/L	.257			.273			2.53			6.8		
Nickel		mg/L	.02	U	U	.02	U	U	.02	U	U	.308		
Potassium		mg/L	6.18			5.27			2.74	J	J	3.73	J	J
Selenium		mg/L	.01	U	U	.01	U	U	.00474	J	B	.01	U	U
Silver		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Sodium		mg/L	5.85		B	8.63		B	23.6		B	2.55		B
Thallium		mg/L	.01	U	U	.00463	J	B	.0042	J	B	.01	U	U
Vanadium		mg/L	.02	U	U	.02	U	U	.02	U	U	.00573	J	J
Zinc		mg/L	.1	U	U	.1	U	U	.1	U	U	.1	U	U

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:		CWM-183-MW06			CWM-183-MW08			CWM-183-MW08			CWM-183-MW10		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG3006			TG3007			TG3010			TG3012		
	Sample Date:		18-DEC-01			13-DEC-01			13-DEC-01			17-DEC-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN														
SW8321														
Diisopropylmethylphosphonic Acid	Y	mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Dimethylmethylphosphonic Acid	Y	mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Ethylmethylphosponic Acid	Y	mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Isopropylmethylphosphonic Acid	Y	mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Methylphosphonic Acid	Y	mg/L	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Thiodiglycol	Y	mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
METALS														
SW6010B														
Aluminum		mg/L	.885			.2	U	U	.088	J	B	.2	U	U
Antimony		mg/L	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Arsenic		mg/L	.01	U	U	.00376	J	B	.01	U	U	.00693	J	B
Barium		mg/L	.298			.0549			.0545			.0639		
Beryllium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Cadmium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Calcium		mg/L	329			96.7			103			73.3		
Chromium		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Cobalt		mg/L	.02	U	U	.02	U	U	.02	U	U	.0141	J	J
Copper		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Iron		mg/L	1.84			.0132	J	B	.153	J	J	2.31		
Lead		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Magnesium		mg/L	44.3			9.74			10.7			9.29		
Manganese		mg/L	.165			.107		J	.274		J	5.41		
Nickel		mg/L	.0414		B	.02	U	U	.02	U	U	.0158	J	B
Potassium		mg/L	2.62	J	J	.811	J	J	.812	J	J	3.29	J	J
Selenium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Silver		mg/L	.02	U	U	.0117	J	J	.02	U	U	.02	U	U
Sodium		mg/L	4.4		B	1.98		B	2.91		B	11.8		B
Thallium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Vanadium		mg/L	.02	U	U	.00563	J	B	.00513	J	B	.02	U	U
Zinc		mg/L	.0358	J	J	.1	U	U	.1	U	U	.1	U	U

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:		CWM-183-MW01			CWM-183-MW02			CWM-183-MW03			CWM-183-MW04		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG3001			TG3002			TG3003			TG3004		
	Sample Date:		18-DEC-01			12-DEC-01			12-DEC-01			11-DEC-01		
User Test Group / Lab Method / Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW7470A														
Mercury		mg/L	.0005	U	U	.000164	J	B	.0005	U	U	.0005	U	U
ORTHOSULFUR														
SW8270														
1,4-Dithiane		mg/L	.0049	U	U	.0051	U	U	.0051	U	U	.0048	U	U
1,4-Oxathiane		mg/L	.0049	U	U	.0051	U	UJ	.0051	U	U	.0048	U	U
p-Chlorophenylmethylsulfone		mg/L	.0097	U	U	.01	U	U	.01	U	U	.0096	U	U
p-Chlorophenylmethylsulfoxide		mg/L	.0097	U	U	.01	U	U	.01	U	U	.0096	U	U
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
1,2-Dichlorobenzene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
1,3-Dichlorobenzene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
1,4-Dichlorobenzene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2,4,5-Trichlorophenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2,4,6-Trichlorophenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2,4-Dichlorophenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2,4-Dimethylphenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2,4-Dinitrophenol		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
2,4-Dinitrotoluene		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
2,6-Dinitrotoluene		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
2-Chloronaphthalene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2-Chlorophenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2-Methylnaphthalene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2-Methylphenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
2-Nitroaniline		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
2-Nitrophenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
3,3'-Dichlorobenzidine		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
3-Nitroaniline		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
4,6-Dinitro-2-methylphenol		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
4-Bromophenyl phenyl ether		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-MW06			CWM-183-MW08			CWM-183-MW08			CWM-183-MW10			
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183			
	Sample No:		TG3006			TG3007			TG3010			TG3012			
	Sample Date:		18-DEC-01			13-DEC-01			13-DEC-01			17-DEC-01			
User Test Group / Lab Method / Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
METALS															
SW7470A															
Mercury		mg/L	.000174	J	J	.0005	U	U	.0005	U	U	.000129	J	J	
ORTHOSULFUR															
SW8270															
1,4-Dithiane		mg/L	.0049	U	U	.005	U	U	.0051	U	U	.0055	U	U	
1,4-Oxathiane		mg/L	.0049	U	U	.005	U	UJ	.0051	U	UJ	.0055	U	U	
p-Chlorophenylmethylsulfone		mg/L	.0098	U	U	.01	U	U	.01	U	U	.011	U	U	
p-Chlorophenylmethylsulfoxide		mg/L	.0098	U	U	.01	U	U	.01	U	U	.011	U	U	
SEMIVOLATILES															
SW8270C															
1,2,4-Trichlorobenzene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
1,2-Dichlorobenzene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
1,3-Dichlorobenzene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
1,4-Dichlorobenzene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2,4,5-Trichlorophenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2,4,6-Trichlorophenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2,4-Dichlorophenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2,4-Dimethylphenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2,4-Dinitrophenol		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
2,4-Dinitrotoluene		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
2,6-Dinitrotoluene		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
2-Chloronaphthalene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2-Chlorophenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2-Methylnaphthalene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2-Methylphenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
2-Nitroaniline		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
2-Nitrophenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
3,3'-Dichlorobenzidine		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
3-Nitroaniline		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
4,6-Dinitro-2-methylphenol		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
4-Bromophenyl phenyl ether		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:		CWM-183-MW01			CWM-183-MW02			CWM-183-MW03			CWM-183-MW04			
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183			
	Sample No:		TG3001			TG3002			TG3003			TG3004			
	Sample Date:		18-DEC-01			12-DEC-01			12-DEC-01			11-DEC-01			
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
SEMIVOLATILES															
SW8270C															
4-Chloro-3-methylphenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
4-Chloroaniline		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
4-Chlorophenyl phenyl ether		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
4-Methylphenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
4-Nitroaniline		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
4-Nitrophenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Acenaphthene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Acenaphthylene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Anthracene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Benzo(a)anthracene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Benzo(a)pyrene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Benzo(b)fluoranthene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Benzo(ghi)perylene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Benzo(k)fluoranthene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Bis(2-Chloroethoxy)methane		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Bis(2-Chloroethyl)ether		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Bis(2-Chloroisopropyl)ether		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Bis(2-Ethylhexyl)phthalate		mg/L	.02	U	U	.099			.02	U	U	.02	U	U	
Butyl benzyl phthalate		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Carbazole		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Chrysene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Di-n-butyl phthalate		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Di-n-octyl phthalate		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Dibenz(a,h)anthracene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Dibenzofuran		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Diethyl phthalate		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
Dimethyl phthalate		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
Fluoranthene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Fluorene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	
Hexachlorobenzene		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
Hexachlorobutadiene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U	

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

		Location Code:	CWM-183-MW06			CWM-183-MW08			CWM-183-MW08			CWM-183-MW10		
		Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
		Sample No:	TG3006			TG3007			TG3010			TG3012		
		Sample Date:	18-DEC-01			13-DEC-01			13-DEC-01			17-DEC-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
4-Chloro-3-methylphenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
4-Chloroaniline		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
4-Chlorophenyl phenyl ether		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
4-Methylphenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
4-Nitroaniline		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
4-Nitrophenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Acenaphthene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Acenaphthylene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Anthracene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Benzo(a)anthracene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Benzo(a)pyrene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Benzo(b)fluoranthene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Benzo(ghi)perylene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Benzo(k)fluoranthene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Bis(2-Chloroethoxy)methane		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Bis(2-Chloroethyl)ether		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Bis(2-Chloroisopropyl)ether		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Bis(2-Ethylhexyl)phthalate		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Butyl benzyl phthalate		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Carbazole		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Chrysene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Di-n-butyl phthalate		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Di-n-octyl phthalate		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Dibenz(a,h)anthracene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Dibenzofuran		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Diethyl phthalate		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Dimethyl phthalate		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Fluoranthene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Fluorene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U
Hexachlorobenzene		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Hexachlorobutadiene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-MW01			CWM-183-MW02			CWM-183-MW03			CWM-183-MW04		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG3001			TG3002			TG3003			TG3004		
	Sample Date:		18-DEC-01			12-DEC-01			12-DEC-01			11-DEC-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Hexachlorocyclopentadiene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
Hexachloroethane		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
Indeno(1,2,3-cd)pyrene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
Isophorone		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
N-Nitroso-di-n-propylamine		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
N-Nitrosodiphenylamine		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
Naphthalene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
Nitrobenzene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
Pentachlorophenol		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Phenanthrene		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Phenol		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
Pyrene		mg/L	.0099	U	U	.0099	U	U	.0098	U	U	.0098	U	U
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.0013			.025		
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U	.0003	J	J	.0018		
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	R	.002	U	R	.002	U	R	.002	U	R
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.0008	J	J
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

	Location Code:		CWM-183-MW06			CWM-183-MW08			CWM-183-MW08			CWM-183-MW10			
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183			
	Sample No:		TG3006			TG3007			TG3010			TG3012			
	Sample Date:		18-DEC-01			13-DEC-01			13-DEC-01			17-DEC-01			
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
SEMIVOLATILES															
SW8270C															
Hexachlorocyclopentadiene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
Hexachloroethane		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
Indeno(1,2,3-cd)pyrene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
Isophorone		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
N-Nitroso-di-n-propylamine		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
N-Nitrosodiphenylamine		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
Naphthalene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
Nitrobenzene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
Pentachlorophenol		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
Phenanthrene		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U	
Phenol		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
Pyrene		mg/L	.01	U	U	.0098	U	U	.01	U	U	.0098	U	U	
VOLATILES															
SW8260B															
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,1,2,2-Tetrachloroethane		mg/L	.017			.022			.022			.001	U	U	
1,1,2-Trichloroethane		mg/L	.001	U	U	.00071	J	J	.00073	J	J	.001	U	U	
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	R	.002	U	R	.002	U	R	.002	U	R	
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:		CWM-183-MW01			CWM-183-MW02			CWM-183-MW03			CWM-183-MW04			
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183			
	Sample No:		TG3001			TG3002			TG3003			TG3004			
	Sample Date:		18-DEC-01			12-DEC-01			12-DEC-01			11-DEC-01			
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
VOLATILES															
SW8260B															
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U	
2-Butanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R	
2-Hexanone		mg/L	.01	U	U	.01	U	UJ	.01	U	UJ	.01	U	U	
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	UJ	.01	U	UJ	.01	U	U	
Acetone		mg/L	.013		B	.01	U	R	6.2		J	.0063	J	J	
Benzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromodichloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromoform		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromomethane		mg/L	.001	U	U	.001	U	UJ	.001	U	UJ	.001	U	U	
Carbon disulfide		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Carbon tetrachloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Chloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Chloroform		mg/L	.001	U	U	.001	U	U	.0013			.001	U	U	
Chloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.0042			.006			
Cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Cumene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Dibromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Dibromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Dichlorodifluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Methylene chloride		mg/L	.002	U	U	.002	U	U	.00052	JB	B	.002	U	UJ	
N-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-MW06			CWM-183-MW08			CWM-183-MW08			CWM-183-MW10			
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183			
	Sample No:		TG3006			TG3007			TG3010			TG3012			
	Sample Date:		18-DEC-01			13-DEC-01			13-DEC-01			17-DEC-01			
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
VOLATILES															
SW8260B															
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U	
2-Butanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R	
2-Hexanone		mg/L	.01	U	U	.01	U	UJ	.01	U	UJ	.01	U	U	
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	UJ	.01	U	UJ	.01	U	U	
Acetone		mg/L	.01	U	R	.01	U	R	.01	U	R	13		J	
Benzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromodichloromethane		mg/L	.0015			.001	U	U	.001	U	U	.001	U	U	
Bromoform		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Bromomethane		mg/L	.001	U	U	.001	U	UJ	.001	U	UJ	.001	U	U	
Carbon disulfide		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Carbon tetrachloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Chloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Chloroform		mg/L	.6		J	.0019			.0018		B	.0023		B	
Chloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Cis-1,2-Dichloroethene		mg/L	.001	U	U	.0073			.0072			.001	U	U	
Cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Cumene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Dibromochloromethane		mg/L	.00024	J	J	.001	U	U	.001	U	U	.001	U	U	
Dibromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Dichlorodifluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	
Methylene chloride		mg/L	.00043	J	B	.00041	J	B	.00035	J	B	.00038	J	B	
N-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U	

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:		CWM-183-MW01			CWM-183-MW02			CWM-183-MW03			CWM-183-MW04		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG3001			TG3002			TG3003			TG3004		
	Sample Date:		18-DEC-01			12-DEC-01			12-DEC-01			11-DEC-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
N-Propylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Naphthalene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U	.00077	J	J	.00043	J	J
Toluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.00028	J	B
Trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.00067	J	J	.0025		
Trans-1,3-Dichloropropene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
Trichloroethene		mg/L	.001	U	U	.001	U	U	.12			.009		
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.00082	J	J
m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U	.0019		J	.00042	J	J
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	UJ	.001	U	UJ	.001	U	U

Summary of Validated Groundwater Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

		Location Code:	CWM-183-MW06			CWM-183-MW08			CWM-183-MW08			CWM-183-MW10		
		Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
		Sample No:	TG3006			TG3007			TG3010			TG3012		
		Sample Date:	18-DEC-01			13-DEC-01			13-DEC-01			17-DEC-01		
User Test Group / *Lab Method*	*Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES															
SW8260B															
	N-Propylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	Naphthalene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	Styrene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	Tetrachloroethene		mg/L	.00034	J	J	.0028			.0029			.001	U	U
	Toluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	Trans-1,2-Dichloroethene		mg/L	.001	U	U	.00024	J	J	.00024	J	J	.001	U	U
	Trans-1,3-Dichloropropene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	UJ
	Trichloroethene		mg/L	.018			.21			.22			.00077	J	J
	Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	Vinyl chloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
	o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	p-Cymene		mg/L	.001	U	U	.001	U	U	.001	U	U	.0059		
	sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	sec-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
	tert-Butylbenzene		mg/L	.001	U	U	.001	U	UJ	.001	U	UJ	.001	U	U

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-DEP01			CWM-183-DEP02			CWM-183-GP01			CWM-183-GP02		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0023			TG0024			TG0001			TG0003		
	Sample Date:	07-NOV-01			07-NOV-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN													
SW8321													
Diisopropylmethylphosphonic Acid	mg/kg	.054	AAU	U	.066	AAU	U	.061	U	U	.06	U	U
Dimethylmethylphosphonic Acid	mg/kg	.054	AAU	U	.066	AAU	U	.061	U	UJ	.06	U	UJ
Ethylmethylphosponic Acid	mg/kg	.054	U	U	.066	U	U	.061	AAU	UJ	.06	AAU	UJ
Isopropylmethylphosphonic Acid	mg/kg	.11	U	U	.13	U	U	.12	AAU	UJ	.12	AAU	UJ
Methylphosphonic Acid	mg/kg	.54	U	U	.66	U	U	.61	AAU	U	.6	AAU	U
Thiodiglycol	mg/kg	.054	AAU	U	.066	AAU	U	.061	U	UJ	.06	U	UJ
METALS													
SW6010B													
Aluminum	mg/kg	7450			3420			20000			17600		
Antimony	mg/kg	5.59	J	J	14.7	U	U	12.3	U	UJ	12	U	UJ
Arsenic	mg/kg	6.69			1.54			8.22			7.12		
Barium	mg/kg	84.4			33.3			110			64.5		
Beryllium	mg/kg	1.37			1.47	U	U	1.44			.524	J	J
Cadmium	mg/kg	1.08	U	U	1.47	U	U	1.23	U	U	1.2	U	U
Calcium	mg/kg	905			4370			346			6570		
Chromium	mg/kg	18.8			6.41			28.3			16.4		
Cobalt	mg/kg	7.01			1.81	J	J	27.4			4.46		
Copper	mg/kg	9.14			6.85			41.5			28		
Iron	mg/kg	32700			5970			34700			23900		
Lead	mg/kg	13.1			11.8			23.3			16.1		
Magnesium	mg/kg	866			528			795			856		
Manganese	mg/kg	448			210			619			235		
Nickel	mg/kg	10.3			2.43	J	J	8.69			10.9		
Potassium	mg/kg	1960			533	J	J	2050			1230		
Selenium	mg/kg	.611	J	B	1.47	U	U	1.84			.987	J	J
Silver	mg/kg	2.16	U	U	2.94	U	U	2.45	U	U	1.37	J	J
Sodium	mg/kg	48.4	J	B	65.7	J	B	58.7	J	J	57.6	J	J
Thallium	mg/kg	2.16	U	U	2.94	U	U	2.45	U	U	2.4	U	U
Vanadium	mg/kg	21.5			10.7			53.3			41.8		
Zinc	mg/kg	63.3			27.6			61.3		J	44.2		J

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-GP03			CWM-183-MW01			CWM-183-MW02			CWM-183-MW03		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0025			TG0005			TG0007			TG0009		
	Sample Date:	26-NOV-01			17-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN													
SW8321													
Diisopropylmethylphosphonic Acid	mg/kg	.058	AAU	U	.056	U	U	.057	U	U	.057	U	U
Dimethylmethylphosphonic Acid	mg/kg	.058	AAU	U	.056	U	UJ	.057	U	UJ	.057	U	UJ
Ethylmethylphosponic Acid	mg/kg	.058	U	U	.056	AAU	UJ	.057	AAU	UJ	.057	AAU	UJ
Isopropylmethylphosphonic Acid	mg/kg	.12	U	UJ	.11	AAU	UJ	.11	AAU	UJ	.11	AAU	UJ
Methylphosphonic Acid	mg/kg	.58	U	UJ	.56	AAU	U	.57	AAU	U	.57	AAU	U
Thiodiglycol	mg/kg	.058	AAU	U	.056	U	UJ	.057	U	UJ	.057	U	UJ
METALS													
SW6010B													
Aluminum	mg/kg	19200			18000			23800			15400		
Antimony	mg/kg	11.6	U	UJ	11.3	U	UJ	11.5	U	UJ	11.6	U	UJ
Arsenic	mg/kg	8.76		J	5.86			8.58			6.13		
Barium	mg/kg	87.9		J	130			97.7			83.9		
Beryllium	mg/kg	.925	J	J	.746	J	J	1.36			.595	J	J
Cadmium	mg/kg	1.16	U	U	1.13	U	U	1.15	U	U	1.16	U	U
Calcium	mg/kg	193			238			137			1620		
Chromium	mg/kg	14.3			17			16.4			18.3		
Cobalt	mg/kg	2.31	U	U	14.4			3.55		B	8.65		
Copper	mg/kg	70.1			22.2			61			24.1		
Iron	mg/kg	26500			17600			33200			21400		
Lead	mg/kg	24		J	21			27.2			28.4		
Magnesium	mg/kg	456			781			690			800		
Manganese	mg/kg	13.8		J	720			15			373		
Nickel	mg/kg	4.56			8			7.39			7.69		
Potassium	mg/kg	2240			1110			2530			1130		
Selenium	mg/kg	2.02		B	.998	J	J	1.99			.728	J	J
Silver	mg/kg	2.31	U	U	2.25	U	U	1.54	J	J	2.31	U	U
Sodium	mg/kg	54.5	J	J	54	J	J	68.8	J	J	57.1	J	J
Thallium	mg/kg	2.31	U	UJ	2.25	U	U	2.3	U	U	2.31	U	U
Vanadium	mg/kg	39.4			38.9			54.2			38.5		
Zinc	mg/kg	42			36.4		J	48.2		J	46.8		J

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-MW04			CWM-183-MW05			CWM-183-MW06			CWM-183-MW07		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0011			TG0013			TG0015			TG0017		
	Sample Date:	17-OCT-01			18-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN													
SW8321													
Diisopropylmethylphosphonic Acid	mg/kg	.062	U	U	.057	U	U	.057	U	U	.057	U	U
Dimethylmethylphosphonic Acid	mg/kg	.062	U	UJ	.057	U	U	.057	U	UJ	.057	U	UJ
Ethylmethylphosponic Acid	mg/kg	.062	AAU	UJ	.057	AAU	U	.057	AAU	UJ	.057	AAU	UJ
Isopropylmethylphosphonic Acid	mg/kg	.12	AAU	UJ	.11	AAU	UJ	.11	AAU	UJ	.11	AAU	UJ
Methylphosphonic Acid	mg/kg	.62	AAU	U	.57	AAU	UJ	.57	AAU	U	.57	AAU	U
Thiodiglycol	mg/kg	.062	U	UJ	.057	U	UJ	.057	U	UJ	.057	U	UJ
METALS													
SW6010B													
Aluminum	mg/kg	17600			15700			21200			20000		
Antimony	mg/kg	12.3	U	UJ	11.4	U	U	11.4	U	UJ	11.5	U	UJ
Arsenic	mg/kg	7.21			8.26			7.14			8.46		
Barium	mg/kg	105			90.6			116			84.5		
Beryllium	mg/kg	.617	J	J	.908	J	B	1.15			.626	J	J
Cadmium	mg/kg	1.23	U	U	1.14	U	U	1.14	U	U	1.15	U	U
Calcium	mg/kg	1050			506			442			508		
Chromium	mg/kg	22.3			23.5			20.6			24		
Cobalt	mg/kg	4.38			14			30.2			4.48		
Copper	mg/kg	31.9			25.3			23.3			35.6		
Iron	mg/kg	24900			29300			30500			30900		
Lead	mg/kg	15.4			24		J	21.4			13		
Magnesium	mg/kg	1090			805			1060			992		
Manganese	mg/kg	169			799			1120			149		
Nickel	mg/kg	6			11.8			40.7			9.01		
Potassium	mg/kg	2250			1210			1220			2020		
Selenium	mg/kg	1.51			.937	J	J	1.14	U	U	1.29		
Silver	mg/kg	2.47	U	U	2.28	U	U	2.28	U	U	1.4	J	J
Sodium	mg/kg	59.1	J	J	55.3	J	J	54.5	J	J	55.3	J	J
Thallium	mg/kg	2.47	U	U	2.28	U	U	2.28	U	U	2.31	U	U
Vanadium	mg/kg	45.5			46.5			42.3			59.2		
Zinc	mg/kg	36.6		J	39.9		J	89.9		J	41.7		J

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW08			CWM-183-MW08			CWM-183-MW09			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0019			TG0020			TG0031			TG0033		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			28-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN													
SW8321													
Diisopropylmethylphosphonic Acid	mg/kg	.058	U	U	.057	U	U	.06	AAU	U	.058	AAU	U
Dimethylmethylphosphonic Acid	mg/kg	.058	U	UJ	.057	U	UJ	.06	AAU	U	.058	AAU	U
Ethylmethylphosponic Acid	mg/kg	.058	AAU	UJ	.057	AAU	UJ	.06	U	U	.058	U	U
Isopropylmethylphosphonic Acid	mg/kg	.12	AAU	UJ	.11	AAU	UJ	.12	U	UJ	.12	U	UJ
Methylphosphonic Acid	mg/kg	.58	AAU	U	.57	AAU	U	.6	U	UJ	.58	U	UJ
Thiodiglycol	mg/kg	.058	U	UJ	.057	U	UJ	.06	AAU	U	.058	AAU	U
METALS													
SW6010B													
Aluminum	mg/kg	11000			12500			17200			13000		
Antimony	mg/kg	11.7	U	UJ	11.6	U	UJ	12.1	U	UJ	11.5	U	UJ
Arsenic	mg/kg	5.47			6.57			12.3		J	7.06		J
Barium	mg/kg	92.6			89.7			66.6		J	100		J
Beryllium	mg/kg	.7	J	J	.735	J	J	.516	J	J	.724	J	J
Cadmium	mg/kg	1.17	U	U	1.16	U	U	1.21	U	U	1.15	U	U
Calcium	mg/kg	5160			5840			896			546		
Chromium	mg/kg	36.4			32.5			29.6			44.1		
Cobalt	mg/kg	6.95			7.03			4.81			12.9		
Copper	mg/kg	19.1			17.4			27.1			19.7		
Iron	mg/kg	20600			24400			37900			25000		
Lead	mg/kg	30.4			32.5			20.5		J	19.2		J
Magnesium	mg/kg	486			548			694			580		
Manganese	mg/kg	778			828			232		J	849		J
Nickel	mg/kg	8.43			8.77			13.3			10.2		
Potassium	mg/kg	607			753			959			868		
Selenium	mg/kg	1.17	U	U	.608	J	J	.804	J	B	.773	J	B
Silver	mg/kg	2.33	U	U	2.33	U	U	1.62	J	J	2.31	U	U
Sodium	mg/kg	55.9	J	J	55.7	J	J	46.2	J	J	40.7	J	J
Thallium	mg/kg	2.33	U	U	2.33	U	U	2.43	U	UJ	2.31	U	UJ
Vanadium	mg/kg	31.9		J	57.4		J	50.4			42.2		
Zinc	mg/kg	49.4		J	44.6		J	46.5			31.5		

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-DEP01			CWM-183-DEP02			CWM-183-GP01			CWM-183-GP02		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0023			TG0024			TG0001			TG0003		
	Sample Date:	07-NOV-01			07-NOV-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW7471A													
Mercury	mg/kg	.108	U	U	.147	U	U	.034	J	J	.12	U	U
ORTHOSULFUR													
SW8270													
1,4-Dithiane	mg/kg	1.1	U	U	1.3	U	U	1.2	U	U	1.2	U	U
1,4-Oxathiane	mg/kg	0.54	U	U	0.66	U	U	0.61	U	U	0.60	U	U
p-Chlorophenylmethylsulfone	mg/kg	5.4	U	U	6.6	U	U	6.1	U	U	6.0	U	U
p-Chlorophenylmethylsulfoxide	mg/kg	5.4	U	U	6.6	U	U	6.1	U	U	6.0	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
1,2-Dichlorobenzene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
1,3-Dichlorobenzene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
1,4-Dichlorobenzene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
2,4,5-Trichlorophenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
2,4,6-Trichlorophenol	mg/kg	.68	U	U	1.9	U	U	.77	U	U	.76	U	U
2,4-Dichlorophenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
2,4-Dimethylphenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
2,4-Dinitrophenol	mg/kg	.68	U	UJ	1.9	U	UJ	.77	U	U	.76	U	U
2,4-Dinitrotoluene	mg/kg	.36	U	U	.97	U	UJ	.4	U	U	.4	U	U
2,6-Dinitrotoluene	mg/kg	.36	U	U	.97	U	UJ	.4	U	U	.4	U	U
2-Chloronaphthalene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
2-Chlorophenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
2-Methylnaphthalene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
2-Methylphenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
2-Nitroaniline	mg/kg	.68	U	U	1.9	U	U	.77	U	U	.76	U	U
2-Nitrophenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
3,3'-Dichlorobenzidine	mg/kg	.68	U	U	1.9	U	U	.77	U	U	.76	U	U
3-Nitroaniline	mg/kg	.68	U	U	1.9	U	U	.77	U	U	.76	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.68	U	U	1.9	U	UJ	.77	U	U	.76	U	U
4-Bromophenyl phenyl ether	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-GP03			CWM-183-MW01			CWM-183-MW02			CWM-183-MW03		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0025			TG0005			TG0007			TG0009		
	Sample Date:	26-NOV-01			17-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method / *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW7471A													
Mercury	mg/kg	.047	J	B	.113	U	U	.115	U	U	.116	U	U
ORTHOSULFUR													
SW8270													
1,4-Dithiane	mg/kg	1.2	U	U	1.1	U	U	1.1	U	U	1.1	U	U
1,4-Oxathiane	mg/kg	0.58	U	U	0.56	U	U	0.57	U	U	0.57	U	U
p-Chlorophenylmethylsulfone	mg/kg	5.8	U	UJ	5.6	U	U	5.7	U	U	5.7	U	U
p-Chlorophenylmethylsulfoxide	mg/kg	5.8	U	U	5.6	U	U	5.7	U	U	5.7	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
1,2-Dichlorobenzene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
1,3-Dichlorobenzene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
1,4-Dichlorobenzene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2,4,5-Trichlorophenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2,4,6-Trichlorophenol	mg/kg	.73	U	U	.71	U	U	.72	U	U	.73	U	U
2,4-Dichlorophenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2,4-Dimethylphenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2,4-Dinitrophenol	mg/kg	.73	U	U	.71	U	U	.72	U	U	.73	U	UJ
2,4-Dinitrotoluene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2,6-Dinitrotoluene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2-Chloronaphthalene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2-Chlorophenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2-Methylnaphthalene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2-Methylphenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
2-Nitroaniline	mg/kg	.73	U	U	.71	U	U	.72	U	U	.73	U	U
2-Nitrophenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
3,3'-Dichlorobenzidine	mg/kg	.73	U	U	.71	U	U	.72	U	U	.73	U	U
3-Nitroaniline	mg/kg	.73	U	U	.71	U	U	.72	U	U	.73	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.73	U	U	.71	U	U	.72	U	U	.73	U	U
4-Bromophenyl phenyl ether	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-MW04			CWM-183-MW05			CWM-183-MW06			CWM-183-MW07		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG0011			TG0013			TG0015			TG0017		
	Sample Date:		17-OCT-01			18-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*		0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method														
Parameter		*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW7471A														
Mercury		mg/kg	.123	U	U	.035	J	J	.114	U	U	.115	U	U
ORTHOSULFUR														
SW8270														
1,4-Dithiane		mg/kg	1.2	U	U	1.1	U	U	1.1	U	U	1.1	U	U
1,4-Oxathiane		mg/kg	0.62	U	U	0.57	U	U	0.57	U	U	0.57	U	U
p-Chlorophenylmethylsulfone		mg/kg	6.2	U	U	5.7	U	U	5.7	U	U	5.7	U	U
p-Chlorophenylmethylsulfoxide		mg/kg	6.2	U	U	5.7	U	U	5.7	U	U	5.7	U	U
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
1,2-Dichlorobenzene		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
1,3-Dichlorobenzene		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
1,4-Dichlorobenzene		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2,4,5-Trichlorophenol		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2,4,6-Trichlorophenol		mg/kg	.78	U	U	.72	U	U	.72	U	U	.73	U	U
2,4-Dichlorophenol		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2,4-Dimethylphenol		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2,4-Dinitrophenol		mg/kg	.78	U	UJ	.72	U	UJ	.72	U	UJ	.73	U	UJ
2,4-Dinitrotoluene		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2,6-Dinitrotoluene		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2-Chloronaphthalene		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2-Chlorophenol		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2-Methylnaphthalene		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2-Methylphenol		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
2-Nitroaniline		mg/kg	.78	U	U	.72	U	U	.72	U	U	.73	U	U
2-Nitrophenol		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
3,3'-Dichlorobenzidine		mg/kg	.78	U	U	.72	U	U	.72	U	U	.73	U	U
3-Nitroaniline		mg/kg	.78	U	U	.72	U	U	.72	U	U	.73	U	U
4,6-Dinitro-2-methylphenol		mg/kg	.78	U	U	.72	U	U	.72	U	U	.73	U	U
4-Bromophenyl phenyl ether		mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW08			CWM-183-MW08			CWM-183-MW09			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0019			TG0020			TG0031			TG0033		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			28-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW7471A													
Mercury	mg/kg	.117	U	U	.116	U	U	.044	J	B	.115	U	U
ORTHOSULFUR													
SW8270													
1,4-Dithiane	mg/kg	1.2	U	U	1.1	U	U	1.2	U	U	1.2	U	U
1,4-Oxathiane	mg/kg	0.58	U	U	0.57	U	U	0.60	U	U	0.58	U	U
p-Chlorophenylmethylsulfone	mg/kg	5.8	U	U	5.7	U	U	6.0	U	UJ	5.8	U	UJ
p-Chlorophenylmethylsulfoxide	mg/kg	5.8	U	U	5.7	U	U	6.0	U	U	5.8	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
1,2-Dichlorobenzene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
1,3-Dichlorobenzene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
1,4-Dichlorobenzene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2,4,5-Trichlorophenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2,4,6-Trichlorophenol	mg/kg	.73	U	U	.73	U	U	.76	U	U	.73	U	U
2,4-Dichlorophenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2,4-Dimethylphenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2,4-Dinitrophenol	mg/kg	.73	U	UJ	.73	U	UJ	.76	U	U	.73	U	U
2,4-Dinitrotoluene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2,6-Dinitrotoluene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2-Chloronaphthalene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2-Chlorophenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2-Methylnaphthalene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2-Methylphenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
2-Nitroaniline	mg/kg	.73	U	U	.73	U	U	.76	U	U	.73	U	U
2-Nitrophenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
3,3'-Dichlorobenzidine	mg/kg	.73	U	U	.73	U	U	.76	U	U	.73	U	U
3-Nitroaniline	mg/kg	.73	U	U	.73	U	U	.76	U	U	.73	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.73	U	U	.73	U	U	.76	U	U	.73	U	U
4-Bromophenyl phenyl ether	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U

	Location Code:	CWM-183-DEP01			CWM-183-DEP02			CWM-183-GP01			CWM-183-GP02		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0023			TG0024			TG0001			TG0003		
	Sample Date:	07-NOV-01			07-NOV-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
4-Chloro-3-methylphenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
4-Chloroaniline	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
4-Chlorophenyl phenyl ether	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
4-Methylphenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
4-Nitroaniline	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
4-Nitrophenol	mg/kg	.68	U	U	1.9	U	U	.77	U	U	.76	U	U
Acenaphthene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Acenaphthylene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Anthracene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Benzo(a)anthracene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Benzo(a)pyrene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Benzo(b)fluoranthene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Benzo(ghi)perylene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Benzo(k)fluoranthene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Bis(2-Chloroethyl)ether	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.36	U	U	.97	U	U	.4	U	UJ	.4	U	UJ
Bis(2-Ethylhexyl)phthalate	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Butyl benzyl phthalate	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Carbazole	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Chrysene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Di-n-butyl phthalate	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Di-n-octyl phthalate	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Dibenz(a,h)anthracene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Dibenzofuran	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Diethyl phthalate	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Dimethyl phthalate	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Fluoranthene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Fluorene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Hexachlorobenzene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Hexachlorobutadiene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U

	Location Code:	CWM-183-GP03			CWM-183-MW01			CWM-183-MW02			CWM-183-MW03		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0025			TG0005			TG0007			TG0009		
	Sample Date:	26-NOV-01			17-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
4-Chloro-3-methylphenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
4-Chloroaniline	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
4-Chlorophenyl phenyl ether	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
4-Methylphenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
4-Nitroaniline	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
4-Nitrophenol	mg/kg	.73	U	UJ	.71	U	U	.72	U	U	.73	U	U
Acenaphthene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Acenaphthylene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Anthracene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Benzo(a)anthracene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Benzo(a)pyrene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Benzo(b)fluoranthene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Benzo(ghi)perylene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Benzo(k)fluoranthene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Bis(2-Chloroethyl)ether	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.38	U	U	.37	U	UJ	.38	U	UJ	.38	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Butyl benzyl phthalate	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Carbazole	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Chrysene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Di-n-butyl phthalate	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Di-n-octyl phthalate	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Dibenz(a,h)anthracene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Dibenzofuran	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Diethyl phthalate	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Dimethyl phthalate	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Fluoranthene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Fluorene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Hexachlorobenzene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Hexachlorobutadiene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U

	Location Code:	CWM-183-MW04			CWM-183-MW05			CWM-183-MW06			CWM-183-MW07		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0011			TG0013			TG0015			TG0017		
	Sample Date:	17-OCT-01			18-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
4-Chloro-3-methylphenol	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
4-Chloroaniline	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
4-Chlorophenyl phenyl ether	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
4-Methylphenol	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
4-Nitroaniline	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
4-Nitrophenol	mg/kg	.78	U	U	.72	U	U	.72	U	U	.73	U	U
Acenaphthene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Acenaphthylene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Anthracene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Benzo(a)anthracene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Benzo(a)pyrene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Benzo(b)fluoranthene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Benzo(ghi)perylene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Benzo(k)fluoranthene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Bis(2-Chloroethyl)ether	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.41	U	U	.38	U	UJ	.38	U	U	.38	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Butyl benzyl phthalate	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Carbazole	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Chrysene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Di-n-butyl phthalate	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Di-n-octyl phthalate	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Dibenz(a,h)anthracene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Dibenzofuran	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Diethyl phthalate	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Dimethyl phthalate	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Fluoranthene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Fluorene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Hexachlorobenzene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Hexachlorobutadiene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U

	Location Code:	CWM-183-MW08			CWM-183-MW08			CWM-183-MW09			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0019			TG0020			TG0031			TG0033		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			28-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
4-Chloro-3-methylphenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
4-Chloroaniline	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
4-Chlorophenyl phenyl ether	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
4-Methylphenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
4-Nitroaniline	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
4-Nitrophenol	mg/kg	.73	U	U	.73	U	U	.76	U	UJ	.73	U	U
Acenaphthene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Acenaphthylene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Anthracene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Benzo(a)anthracene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Benzo(a)pyrene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Benzo(b)fluoranthene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Benzo(ghi)perylene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Benzo(k)fluoranthene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Bis(2-Chloroethyl)ether	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Butyl benzyl phthalate	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Carbazole	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Chrysene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Di-n-butyl phthalate	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Di-n-octyl phthalate	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Dibenz(a,h)anthracene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Dibenzofuran	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Diethyl phthalate	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Dimethyl phthalate	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Fluoranthene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Fluorene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Hexachlorobenzene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Hexachlorobutadiene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-DEP01			CWM-183-DEP02			CWM-183-GP01			CWM-183-GP02		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0023			TG0024			TG0001			TG0003		
	Sample Date:	07-NOV-01			07-NOV-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachlorocyclopentadiene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Hexachloroethane	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Isophorone	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
N-Nitroso-di-n-propylamine	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
N-Nitrosodiphenylamine	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Naphthalene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Pentachlorophenol	mg/kg	.68	U	U	1.9	U	U	.77	U	U	.76	U	U
Phenanthrene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Phenol	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
Pyrene	mg/kg	.36	U	U	.97	U	U	.4	U	U	.4	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
1,1,1-Trichloroethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.0053		
1,1,2-Trichloroethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
1,1-Dichloroethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
1,1-Dichloroethene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
1,1-Dichloropropene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
1,2,3-Trichlorobenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
1,2,3-Trichloropropane	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
1,2,4-Trichlorobenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
1,2,4-Trimethylbenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.012	U	R	.016	U	R	.011	U	U	.01	U	U
1,2-Dibromoethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
1,2-Dichlorobenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
1,2-Dichloroethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
1,2-Dichloropropane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U

	Location Code:	CWM-183-GP03			CWM-183-MW01			CWM-183-MW02			CWM-183-MW03		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0025			TG0005			TG0007			TG0009		
	Sample Date:	26-NOV-01			17-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachlorocyclopentadiene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Hexachloroethane	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Isophorone	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
N-Nitroso-di-n-propylamine	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
N-Nitrosodiphenylamine	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Naphthalene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Nitrobenzene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Pentachlorophenol	mg/kg	.73	U	U	.71	U	U	.72	U	U	.73	U	U
Phenanthrene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Phenol	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
Pyrene	mg/kg	.38	U	U	.37	U	U	.38	U	U	.38	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,1,1-Trichloroethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0087		
1,1,2-Trichloroethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,1-Dichloroethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,1-Dichloroethene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,1-Dichloropropene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,2,3-Trichlorobenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,2,3-Trichloropropane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,2,4-Trichlorobenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,2,4-Trimethylbenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.0098	U	U	.011	U	U	.011	U	U	.011	U	U
1,2-Dibromoethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,2-Dichlorobenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,2-Dichloroethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,2-Dichloropropane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U

	Location Code:	CWM-183-MW04			CWM-183-MW05			CWM-183-MW06			CWM-183-MW07		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0011			TG0013			TG0015			TG0017		
	Sample Date:	17-OCT-01			18-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachlorocyclopentadiene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Hexachloroethane	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Isophorone	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
N-Nitroso-di-n-propylamine	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
N-Nitrosodiphenylamine	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Naphthalene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Nitrobenzene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Pentachlorophenol	mg/kg	.78	U	U	.72	U	U	.72	U	U	.73	U	U
Phenanthrene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Phenol	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
Pyrene	mg/kg	.41	U	U	.38	U	U	.38	U	U	.38	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,1,1-Trichloroethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0048			.005	U	U	.0042	J	J	.0094		
1,1,2-Trichloroethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,1-Dichloroethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,1-Dichloroethene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,1-Dichloropropene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,2,3-Trichlorobenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,2,3-Trichloropropane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,2,4-Trichlorobenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,2,4-Trimethylbenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.0092	U	U	.01	U	R	.0093	U	U	.0092	U	U
1,2-Dibromoethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,2-Dichlorobenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,2-Dichloroethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,2-Dichloropropane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U

	Location Code:	CWM-183-MW08			CWM-183-MW08			CWM-183-MW09			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0019			TG0020			TG0031			TG0033		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			28-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachlorocyclopentadiene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Hexachloroethane	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Isophorone	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
N-Nitroso-di-n-propylamine	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
N-Nitrosodiphenylamine	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Naphthalene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Nitrobenzene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Pentachlorophenol	mg/kg	.73	U	U	.73	U	U	.76	U	U	.73	U	U
Phenanthrene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Phenol	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
Pyrene	mg/kg	.38	U	U	.38	U	U	.4	U	U	.38	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,1,1-Trichloroethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.048		J	.026		J	.0053	U	U	.0046	U	U
1,1,2-Trichloroethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,1-Dichloroethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,1-Dichloroethene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,1-Dichloropropene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,2,3-Trichlorobenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,2,3-Trichloropropane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,2,4-Trichlorobenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,2,4-Trimethylbenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.0097	U	U	.0095	U	U	.011	U	U	.0092	U	U
1,2-Dibromoethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,2-Dichlorobenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,2-Dichloroethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,2-Dichloropropane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-DEP01			CWM-183-DEP02			CWM-183-GP01			CWM-183-GP02		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG0023			TG0024			TG0001			TG0003		
	Sample Date:		07-NOV-01			07-NOV-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*		0 - .5			0 - .5			0 - 1			0 - 1		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
	1,2-Dimethylbenzene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	1,3,5-Trimethylbenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
	1,3-Dichlorobenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
	1,3-Dichloropropane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	1,4-Dichlorobenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
	2-Butanone	mg/kg	.016	J	J	.066		J	.011	J	J	.02	U	U
	2-Hexanone	mg/kg	.024	U	U	.032	U	U	.022	U	U	.02	U	U
	4-Methyl-2-pentanone	mg/kg	.024	U	U	.032	U	U	.022	U	U	.02	U	U
	Acetone	mg/kg	.16		J	.71	J	J	.13		J	.028		J
	Benzene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Bromobenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
	Bromochloromethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Bromodichloromethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.0051		
	Bromoform	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
	Bromomethane	mg/kg	.006	U	UJ	.0081	U	UJ	.0054	U	UJ	.005	U	UJ
	Carbon disulfide	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Carbon tetrachloride	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.013		
	Chlorobenzene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Chloroethane	mg/kg	.012	U	U	.016	U	U	.011	U	U	.01	U	U
	Chloroform	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.12		
	Chloromethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	UJ	.005	U	UJ
	Cis-1,2-Dichloroethene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Cis-1,3-Dichloropropene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Cumene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Dibromochloromethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Dibromomethane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Dichlorodifluoromethane	mg/kg	.012	U	UJ	.016	U	UJ	.011	U	UJ	.01	U	UJ
	Ethylbenzene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
	Hexachlorobutadiene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
	Methylene chloride	mg/kg	.0021	J	B	.0026	J	B	.011	U	U	.0028	J	B
	N-Butylbenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U

	Location Code:	CWM-183-GP03			CWM-183-MW01			CWM-183-MW02			CWM-183-MW03		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0025			TG0005			TG0007			TG0009		
	Sample Date:	26-NOV-01			17-OCT-01			17-OCT-01			17-OCT-01		
User Test Group / Lab Method	Sample Depth:	0 - 1			0 - 1			0 - 1			0 - 1		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
1,2-Dimethylbenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,3,5-Trimethylbenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,3-Dichlorobenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,3-Dichloropropane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
1,4-Dichlorobenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
2-Butanone	mg/kg	.02	U	U	.0077	J	J	.022	U	U	.014	J	J
2-Hexanone	mg/kg	.02	U	UJ	.022	U	U	.022	U	U	.023	U	U
4-Methyl-2-pentanone	mg/kg	.02	U	U	.022	U	U	.022	U	U	.023	U	U
Acetone	mg/kg	.02	U	UJ	.12		J	.022	U	R	.16		J
Benzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Bromobenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Bromochloromethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Bromodichloromethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Bromoform	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Bromomethane	mg/kg	.0049	U	U	.0055	U	UJ	.0055	U	UJ	.0057	U	UJ
Carbon disulfide	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Carbon tetrachloride	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Chlorobenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Chloroethane	mg/kg	.0098	U	U	.011	U	U	.011	U	U	.011	U	U
Chloroform	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Chloromethane	mg/kg	.0049	U	U	.0055	U	UJ	.0055	U	UJ	.0057	U	UJ
Cis-1,2-Dichloroethene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Cis-1,3-Dichloropropene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Cumene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Dibromochloromethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Dibromomethane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Dichlorodifluoromethane	mg/kg	.0098	U	U	.011	U	UJ	.011	U	UJ	.011	U	UJ
Ethylbenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Hexachlorobutadiene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Methylene chloride	mg/kg	.0098	U	U	.011	U	U	.011	U	U	.011	U	U
N-Butylbenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U

	Location Code:	CWM-183-MW04			CWM-183-MW05			CWM-183-MW06			CWM-183-MW07		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0011			TG0013			TG0015			TG0017		
	Sample Date:	17-OCT-01			18-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2-Dimethylbenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,3,5-Trimethylbenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,3-Dichlorobenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,3-Dichloropropane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
1,4-Dichlorobenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
2-Butanone	mg/kg	.0078	J	J	.015	J	J	.012	J	J	.018	U	U
2-Hexanone	mg/kg	.018	U	U	.02	U	U	.019	U	U	.018	U	U
4-Methyl-2-pentanone	mg/kg	.018	U	U	.02	U	U	.019	U	U	.018	U	U
Acetone	mg/kg	.14		J	.35		J	.11		J	.14		J
Benzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Bromobenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Bromochloromethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Bromodichloromethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Bromoform	mg/kg	.0046	U	U	.005	U	UJ	.0047	U	U	.0046	U	U
Bromomethane	mg/kg	.0046	U	UJ	.005	U	UJ	.0047	U	UJ	.0046	U	UJ
Carbon disulfide	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Carbon tetrachloride	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Chlorobenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Chloroethane	mg/kg	.0092	U	U	.01	U	U	.0093	U	U	.0092	U	U
Chloroform	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Chloromethane	mg/kg	.0046	U	UJ	.005	U	U	.0047	U	U	.0046	U	U
Cis-1,2-Dichloroethene	mg/kg	.0019	J	J	.005	U	U	.0047	U	U	.0046	U	U
Cis-1,3-Dichloropropene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Cumene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Dibromochloromethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Dibromomethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Dichlorodifluoromethane	mg/kg	.0092	U	UJ	.01	U	UJ	.0093	U	UJ	.0092	U	UJ
Ethylbenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Hexachlorobutadiene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
Methylene chloride	mg/kg	.0092	U	U	.01	U	U	.0093	U	U	.0092	U	U
N-Butylbenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U

Summary of Validated Surface and Depositional Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW08			CWM-183-MW08			CWM-183-MW09			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0019			TG0020			TG0031			TG0033		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			28-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2-Dimethylbenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,3,5-Trimethylbenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,3-Dichlorobenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,3-Dichloropropane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
1,4-Dichlorobenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
2-Butanone	mg/kg	.012	J	J	.019	U	U	.021	U	U	.018	U	U
2-Hexanone	mg/kg	.019	U	U	.019	U	U	.021	U	UJ	.018	U	UJ
4-Methyl-2-pentanone	mg/kg	.019	U	U	.019	U	U	.021	U	U	.018	U	UJ
Acetone	mg/kg	.1		J	.07		J	.0064	J	B	.063		J
Benzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Bromobenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Bromochloromethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Bromodichloromethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Bromoform	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Bromomethane	mg/kg	.0048	U	UJ	.0048	U	UJ	.0053	U	U	.0046	U	U
Carbon disulfide	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Carbon tetrachloride	mg/kg	.0087			.0048	U	U	.0053	U	U	.0046	U	U
Chlorobenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Chloroethane	mg/kg	.0097	U	U	.0095	U	U	.011	U	U	.0092	U	U
Chloroform	mg/kg	.2		J	.0026	J	J	.0053	U	U	.0046	U	U
Chloromethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Cis-1,2-Dichloroethene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Cis-1,3-Dichloropropene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Cumene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Dibromochloromethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Dibromomethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Dichlorodifluoromethane	mg/kg	.0097	U	UJ	.0095	U	UJ	.011	U	U	.0092	U	U
Ethylbenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Hexachlorobutadiene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Methylene chloride	mg/kg	.0053	J	J	.0095	U	U	.011	U	U	.0014	J	B
N-Butylbenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U

	Location Code:	CWM-183-DEP01			CWM-183-DEP02			CWM-183-GP01			CWM-183-GP02		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0023			TG0024			TG0001			TG0003		
	Sample Date:	07-NOV-01			07-NOV-01			17-OCT-01			17-OCT-01		
User Test Group / Lab Method	Sample Depth:	0 - .5			0 - .5			0 - 1			0 - 1		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
N-Propylbenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
Naphthalene	mg/kg	.012	U	U	.016	U	UJ	.011	U	U	.01	U	U
Styrene	mg/kg	.006	U	U	.15			.0054	U	U	.005	U	U
Tetrachloroethene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
Toluene	mg/kg	.006	U	U	.014			.0054	U	U	.005	U	U
Trans-1,2-Dichloroethene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
Trans-1,3-Dichloropropene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
Trichloroethene	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.0018	J	J
Trichlorofluoromethane	mg/kg	.006	U	U	.0081	U	U	.0022	J	B	.005	U	U
Vinyl chloride	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
m,p-Xylenes	mg/kg	.012	U	U	.016	U	U	.011	U	U	.01	U	U
o-Chlorotoluene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
p-Chlorotoluene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
p-Cymene	mg/kg	.006	U	U	.0074	J	J	.0054	U	U	.005	U	U
sec-Butylbenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U
sec-Dichloropropane	mg/kg	.006	U	U	.0081	U	U	.0054	U	U	.005	U	U
tert-Butylbenzene	mg/kg	.006	U	U	.0081	U	UJ	.0054	U	U	.005	U	U

	Location Code:	CWM-183-GP03			CWM-183-MW01			CWM-183-MW02			CWM-183-MW03		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0025			TG0005			TG0007			TG0009		
	Sample Date:	26-NOV-01			17-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
N-Propylbenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Naphthalene	mg/kg	.0098	U	U	.011	U	U	.011	U	U	.011	U	U
Styrene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Tetrachloroethene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Toluene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0013	J	J
Trans-1,2-Dichloroethene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Trans-1,3-Dichloropropene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
Trichloroethene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.02		
Trichlorofluoromethane	mg/kg	.0049	U	U	.0016	J	B	.0055	U	U	.0057	U	U
Vinyl chloride	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
m,p-Xylenes	mg/kg	.0098	U	U	.011	U	U	.011	U	U	.011	U	U
o-Chlorotoluene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
p-Chlorotoluene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
p-Cymene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
sec-Butylbenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
sec-Dichloropropane	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U
tert-Butylbenzene	mg/kg	.0049	U	U	.0055	U	U	.0055	U	U	.0057	U	U

Summary of Validated Surface and Depositional Soil Data

Range T-6 (Parcel 183)

Fort McClellan, Alabama

	Location Code:		CWM-183-MW04			CWM-183-MW05			CWM-183-MW06			CWM-183-MW07		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG0011			TG0013			TG0015			TG0017		
	Sample Date:		17-OCT-01			18-OCT-01			17-OCT-01			17-OCT-01		
User Test Group	*Sample Depth:*		0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
	N-Propylbenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	Naphthalene	mg/kg	.0092	U	U	.01	U	U	.0093	U	U	.0092	U	U
	Styrene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	Tetrachloroethene	mg/kg	.001	J	J	.005	U	U	.0047	U	U	.0046	U	U
	Toluene	mg/kg	.0046	U	U	.007			.0047	U	U	.0046	U	U
	Trans-1,2-Dichloroethene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	Trans-1,3-Dichloropropene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	Trichloroethene	mg/kg	.0024	J	J	.005	U	U	.0047	U	U	.0053		
	Trichlorofluoromethane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	Vinyl chloride	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	m,p-Xylenes	mg/kg	.0092	U	U	.01	U	U	.0093	U	U	.0092	U	U
	o-Chlorotoluene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	p-Chlorotoluene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	p-Cymene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	sec-Butylbenzene	mg/kg	.0046	U	U	.005	U	UJ	.0047	U	U	.0046	U	U
	sec-Dichloropropane	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U
	tert-Butylbenzene	mg/kg	.0046	U	U	.005	U	U	.0047	U	U	.0046	U	U

Summary of Validated Surface and Depositional Soil Data

Range T-6 (Parcel 183)

Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-MW08			CWM-183-MW08			CWM-183-MW09			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0019			TG0020			TG0031			TG0033		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			28-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
N-Propylbenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Naphthalene	mg/kg	.0097	U	U	.0095	U	U	.011	U	U	.0092	U	U
Styrene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Tetrachloroethene	mg/kg	.0012	J	J	.0011	J	J	.0053	U	U	.0046	U	U
Toluene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Trans-1,2-Dichloroethene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Trans-1,3-Dichloropropene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Trichloroethene	mg/kg	.024		J	.0035	J	J	.0053	U	U	.0046	U	U
Trichlorofluoromethane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
Vinyl chloride	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
m,p-Xylenes	mg/kg	.0097	U	U	.0095	U	U	.011	U	U	.0092	U	U
o-Chlorotoluene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
p-Chlorotoluene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
p-Cymene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
sec-Butylbenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
sec-Dichloropropane	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U
tert-Butylbenzene	mg/kg	.0048	U	U	.0048	U	U	.0053	U	U	.0046	U	U

Summary of Validated Sediment Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-SW/SD02			CWM-183-SW/SD02			
	Associated Site:	CWM-183			CWM-183			
	Sample No:	TG1002			TG1003			
	Sample Date:	09-NOV-01			09-NOV-01			
User Test Group	*Sample Depth:*	0 - .5			0 - .5			
Lab Method / *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
CA BREAKDOWN								
SW8321								
Diisopropylmethylphosphonic Acid	mg/kg	.063	U	U	.11	U	U	
Dimethylmethylphosphonic Acid	mg/kg	.063	U	UJ	.11	U	UJ	
Ethylmethylphosponic Acid	mg/kg	.063	AAU	U	.11	AAU	U	
Isopropylmethylphosphonic Acid	mg/kg	.13	AAU	UJ	.21	AAU	UJ	
Methylphosphonic Acid	mg/kg	.63	AAU	UJ	1.1	AAU	UJ	
Thiodiglycol	mg/kg	.063	U	UJ	.11	U	UJ	
METALS								
SW6010B								
Aluminum	mg/kg	6720			5850			
Antimony	mg/kg	12.7	U	U	12.1	U	U	
Arsenic	mg/kg	12.8		J	7.13		J	
Barium	mg/kg	55			77			
Beryllium	mg/kg	1.59			1.52			
Cadmium	mg/kg	1.27	U	U	1.21	U	U	
Calcium	mg/kg	1140			700			
Chromium	mg/kg	13.8			18.7			
Cobalt	mg/kg	7.03			7.73			
Copper	mg/kg	59.7		J	22		J	
Iron	mg/kg	42100			37600			
Lead	mg/kg	15.8			13.3			
Magnesium	mg/kg	730			605			
Manganese	mg/kg	393			536			
Nickel	mg/kg	15.3			12.5			
Potassium	mg/kg	1240			2010			
Selenium	mg/kg	1.27	U	U	1.21	U	U	
Silver	mg/kg	1.99	J	J	2.14	J	J	
Sodium	mg/kg	127	U	U	121	U	U	
Thallium	mg/kg	2.54	U	U	2.43	U	U	
Vanadium	mg/kg	19			18.6			
Zinc	mg/kg	83.6			70.2			

Summary of Validated Sediment Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-SW/SD02			CWM-183-SW/SD02		
	Associated Site:	CWM-183			CWM-183		
	Sample No:	TG1002			TG1003		
	Sample Date:	09-NOV-01			09-NOV-01		
User Test Group / Lab Method	Sample Depth:	0 - .5			0 - .5		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual
METALS							
SW7471A							
Mercury	mg/kg	41.8			69.0		
ORTHOSULFUR							
SW8270							
1,4-Dithiane	mg/kg	1.3	U	U	2.1	U	U
1,4-Oxathiane	mg/kg	0.63	U	U	1.1	U	U
p-Chlorophenylmethylsulfone	mg/kg	6.3	U	UJ	11	U	UJ
p-Chlorophenylmethylsulfoxide	mg/kg	6.3	U	U	11	U	U
SEMIVOLATILES							
SW8270C							
1,2,4-Trichlorobenzene	mg/kg	.42	U	U	.4	U	U
1,2-Dichlorobenzene	mg/kg	.42	U	U	.4	U	U
1,3-Dichlorobenzene	mg/kg	.42	U	U	.4	U	U
1,4-Dichlorobenzene	mg/kg	.42	U	U	.4	U	U
2,4,5-Trichlorophenol	mg/kg	.42	U	U	.4	U	U
2,4,6-Trichlorophenol	mg/kg	.8	U	U	.76	U	U
2,4-Dichlorophenol	mg/kg	.42	U	U	.4	U	U
2,4-Dimethylphenol	mg/kg	.42	U	U	.4	U	U
2,4-Dinitrophenol	mg/kg	.8	U	U	.76	U	U
2,4-Dinitrotoluene	mg/kg	.42	U	U	.4	U	U
2,6-Dinitrotoluene	mg/kg	.42	U	U	.4	U	U
2-Chloronaphthalene	mg/kg	.42	U	U	.4	U	U
2-Chlorophenol	mg/kg	.42	U	U	.4	U	U
2-Methylnaphthalene	mg/kg	.42	U	U	.4	U	U
2-Methylphenol	mg/kg	.42	U	UJ	.4	U	UJ
2-Nitroaniline	mg/kg	.8	U	UJ	.76	U	UJ
2-Nitrophenol	mg/kg	.42	U	U	.4	U	U
3,3'-Dichlorobenzidine	mg/kg	.8	U	U	.76	U	U
3-Nitroaniline	mg/kg	.8	U	U	.76	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.8	U	U	.76	U	U
4-Bromophenyl phenyl ether	mg/kg	.42	U	U	.4	U	U

Summary of Validated Sediment Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-SW/SD02			CWM-183-SW/SD02		
	Associated Site:	CWM-183			CWM-183		
	Sample No:	TG1002			TG1003		
	Sample Date:	09-NOV-01			09-NOV-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES							
SW8270C							
4-Chloro-3-methylphenol	mg/kg	.42	U	U	.4	U	U
4-Chloroaniline	mg/kg	.42	U	U	.4	U	U
4-Chlorophenyl phenyl ether	mg/kg	.42	U	U	.4	U	U
4-Methylphenol	mg/kg	.42	U	UJ	.4	U	UJ
4-Nitroaniline	mg/kg	.42	U	U	.4	U	U
4-Nitrophenol	mg/kg	.8	U	U	.76	U	U
Acenaphthene	mg/kg	.42	U	U	.4	U	U
Acenaphthylene	mg/kg	.42	U	U	.4	U	U
Anthracene	mg/kg	.42	U	U	.4	U	U
Benzo(a)anthracene	mg/kg	.42	U	U	.4	U	U
Benzo(a)pyrene	mg/kg	.42	U	U	.4	U	U
Benzo(b)fluoranthene	mg/kg	.42	U	U	.4	U	U
Benzo(ghi)perylene	mg/kg	.42	U	U	.4	U	U
Benzo(k)fluoranthene	mg/kg	.42	U	U	.4	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.42	U	U	.4	U	U
Bis(2-Chloroethyl)ether	mg/kg	.42	U	U	.4	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.42	U	U	.4	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.42	U	U	.4	U	U
Butyl benzyl phthalate	mg/kg	.42	U	U	.4	U	U
Carbazole	mg/kg	.42	U	U	.4	U	U
Chrysene	mg/kg	.42	U	U	.4	U	U
Di-n-butyl phthalate	mg/kg	.42	U	U	.4	U	U
Di-n-octyl phthalate	mg/kg	.42	U	U	.4	U	U
Dibenz(a,h)anthracene	mg/kg	.42	U	U	.4	U	U
Dibenzofuran	mg/kg	.42	U	U	.4	U	U
Diethyl phthalate	mg/kg	.42	U	U	.4	U	U
Dimethyl phthalate	mg/kg	.42	U	U	.4	U	U
Fluoranthene	mg/kg	.42	U	U	.4	U	U
Fluorene	mg/kg	.42	U	U	.4	U	U
Hexachlorobenzene	mg/kg	.42	U	U	.4	U	U
Hexachlorobutadiene	mg/kg	.42	U	U	.4	U	U

Summary of Validated Sediment Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-SW/SD02			CWM-183-SW/SD02			
	Associated Site:	CWM-183			CWM-183			
	Sample No:	TG1002			TG1003			
	Sample Date:	09-NOV-01			09-NOV-01			
User Test Group	*Sample Depth:*	0 - .5			0 - .5			
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
SEMIVOLATILES								
SW8270C								
Hexachlorocyclopentadiene	mg/kg	.42	U	U	.4	U	U	
Hexachloroethane	mg/kg	.42	U	U	.4	U	U	
Indeno(1,2,3-cd)pyrene	mg/kg	.42	U	U	.4	U	U	
Isophorone	mg/kg	.42	U	U	.4	U	U	
N-Nitroso-di-n-propylamine	mg/kg	.42	U	U	.4	U	U	
N-Nitrosodiphenylamine	mg/kg	.42	U	U	.4	U	U	
Naphthalene	mg/kg	.42	U	U	.4	U	U	
Nitrobenzene	mg/kg	.42	U	U	.4	U	U	
Pentachlorophenol	mg/kg	.8	U	U	.76	U	U	
Phenanthrene	mg/kg	.42	U	U	.4	U	U	
Phenol	mg/kg	.42	U	U	.4	U	U	
Pyrene	mg/kg	.42	U	U	.4	U	U	
TOC								
SW9060								
Total Organic Carbon	mg/kg	32.9	J	J	56.9	J	J	
VOLATILES								
SW8260B								
1,1,1,2-Tetrachloroethane	mg/kg	.0056	U	U	.0061	U	U	
1,1,1-Trichloroethane	mg/kg	.0056	U	U	.0061	U	U	
1,1,2,2-Tetrachloroethane	mg/kg	.0013	J	J	.002	J	J	
1,1,2-Trichloroethane	mg/kg	.0056	U	U	.0061	U	U	
1,1-Dichloroethane	mg/kg	.0056	U	U	.0061	U	U	
1,1-Dichloroethene	mg/kg	.0056	U	U	.0061	U	U	
1,1-Dichloropropene	mg/kg	.0056	U	U	.0061	U	U	
1,2,3-Trichlorobenzene	mg/kg	.0056	U	U	.0061	U	U	
1,2,3-Trichloropropane	mg/kg	.0056	U	U	.0061	U	U	
1,2,4-Trichlorobenzene	mg/kg	.0056	U	U	.0061	U	U	
1,2,4-Trimethylbenzene	mg/kg	.0056	U	U	.0061	U	U	
1,2-Dibromo-3-Chloropropane	mg/kg	.011	U	U	.012	U	U	
1,2-Dibromoethane	mg/kg	.0056	U	U	.0061	U	U	

Summary of Validated Sediment Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:		CWM-183-SW/SD02			CWM-183-SW/SD02		
	Associated Site:		CWM-183			CWM-183		
	Sample No:		TG1002			TG1003		
	Sample Date:		09-NOV-01			09-NOV-01		
User Test Group	*Sample Depth:*		0 - .5			0 - .5		
Lab Method *Parameter*	*Units*		*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES								
SW8260B								
1,2-Dichlorobenzene	mg/kg		.0056	U	U	.0061	U	U
1,2-Dichloroethane	mg/kg		.0056	U	U	.0061	U	U
1,2-Dichloropropane	mg/kg		.0056	U	U	.0061	U	U
1,2-Dimethylbenzene	mg/kg		.0056	U	U	.0061	U	U
1,3,5-Trimethylbenzene	mg/kg		.0056	U	U	.0061	U	U
1,3-Dichlorobenzene	mg/kg		.0056	U	U	.0061	U	U
1,3-Dichloropropane	mg/kg		.0056	U	U	.0061	U	U
1,4-Dichlorobenzene	mg/kg		.0056	U	U	.0061	U	U
2-Butanone	mg/kg		.016	J	J	.019	J	J
2-Hexanone	mg/kg		.022	U	U	.024	U	U
4-Methyl-2-pentanone	mg/kg		.022	U	U	.024	U	U
Acetone	mg/kg		.15			.024	U	U
Benzene	mg/kg		.0056	U	U	.0061	U	U
Bromobenzene	mg/kg		.0056	U	U	.0061	U	U
Bromochloromethane	mg/kg		.0056	U	U	.0061	U	U
Bromodichloromethane	mg/kg		.0056	U	U	.0061	U	U
Bromoform	mg/kg		.0056	U	U	.0061	U	U
Bromomethane	mg/kg		.0056	U	U	.0061	U	U
Carbon disulfide	mg/kg		.0056	U	U	.0061	U	U
Carbon tetrachloride	mg/kg		.0056	U	U	.0061	U	U
Chlorobenzene	mg/kg		.0056	U	U	.0061	U	U
Chloroethane	mg/kg		.011	U	U	.012	U	U
Chloroform	mg/kg		.0056	U	U	.0061	U	U
Chloromethane	mg/kg		.0056	U	U	.0061	U	U
Cis-1,2-Dichloroethene	mg/kg		.0022	J	J	.0034	J	J
Cis-1,3-Dichloropropene	mg/kg		.0056	U	U	.0061	U	U
Cumene	mg/kg		.0056	U	U	.0061	U	U
Dibromochloromethane	mg/kg		.0056	U	U	.0061	U	U
Dibromomethane	mg/kg		.0056	U	U	.0061	U	U
Dichlorodifluoromethane	mg/kg		.011	U	U	.012	U	U
Ethylbenzene	mg/kg		.0056	U	U	.0061	U	U

Summary of Validated Sediment Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-SW/SD02			CWM-183-SW/SD02		
	Associated Site:	CWM-183			CWM-183		
	Sample No:	TG1002			TG1003		
	Sample Date:	09-NOV-01			09-NOV-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES							
SW8260B							
Hexachlorobutadiene	mg/kg	.0056	U	U	.0061	U	U
Methylene chloride	mg/kg	.011	U	U	.012	U	U
N-Butylbenzene	mg/kg	.0056	U	U	.0061	U	U
N-Propylbenzene	mg/kg	.0056	U	U	.0061	U	U
Naphthalene	mg/kg	.011	U	U	.012	U	U
Styrene	mg/kg	.0056	U	U	.0061	U	U
Tetrachloroethene	mg/kg	.0056	U	U	.0061	U	U
Toluene	mg/kg	.0056	U	U	.0061	U	U
Trans-1,2-Dichloroethene	mg/kg	.0056	U	U	.0061	U	U
Trans-1,3-Dichloropropene	mg/kg	.0056	U	U	.0061	U	U
Trichloroethene	mg/kg	.016			.022		
Trichlorofluoromethane	mg/kg	.0056	U	U	.0061	U	U
Vinyl chloride	mg/kg	.0056	U	U	.0061	U	U
m,p-Xylenes	mg/kg	.011	U	U	.012	U	U
o-Chlorotoluene	mg/kg	.0056	U	U	.0061	U	U
p-Chlorotoluene	mg/kg	.0056	U	U	.0061	U	U
p-Cymene	mg/kg	.0056	U	U	.0061	U	U
sec-Butylbenzene	mg/kg	.0056	U	U	.0061	U	U
sec-Dichloropropane	mg/kg	.0056	U	U	.0061	U	U
tert-Butylbenzene	mg/kg	.0056	U	U	.0061	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-GP01			CWM-183-GP02			CWM-183-GP03			CWM-183-MW01		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0002			TG0004			TG0026			TG0006		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			17-OCT-01		
User Test Group	*Sample Depth:*	2 - 3			9 - 10			2 - 3			1 - 2		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN													
SW8321													
Diisopropylmethylphosphonic Acid	mg/kg	.058	U	U	.063	U	U	.057	AAU	U	.059	U	U
Dimethylmethylphosphonic Acid	mg/kg	.058	U	UJ	.063	U	UJ	.057	AAU	U	.059	U	UJ
Ethylmethylphosponic Acid	mg/kg	.058	AAU	UJ	.063	AAU	UJ	.057	U	U	.059	AAU	UJ
Isopropylmethylphosphonic Acid	mg/kg	.12	AAU	UJ	.13	AAU	UJ	.11	U	UJ	.12	AAU	UJ
Methylphosphonic Acid	mg/kg	.58	AAU	U	.63	AAU	U	.57	U	UJ	.59	AAU	U
Thiodiglycol	mg/kg	.058	U	UJ	.063	U	UJ	.057	AAU	U	.059	U	UJ
METALS													
SW6010B													
Aluminum	mg/kg	21200			37400			15500			18500		
Antimony	mg/kg	11.8	U	UJ	13	U	UJ	11.2	U	UJ	11.8	U	UJ
Arsenic	mg/kg	7.33			12.3			8.34		J	7.25		
Barium	mg/kg	91.4			115			52.4		J	140		
Beryllium	mg/kg	1.15	J	J	1.07	J	J	.902	J	J	.871	J	J
Cadmium	mg/kg	1.18	U	U	1.3	U	U	1.12	U	U	1.18	U	U
Calcium	mg/kg	50.9	J	B	1470			43	J	J	329		
Chromium	mg/kg	21.2			26			13.1			18.6		
Cobalt	mg/kg	12			6.99			1.5	J	J	13.3		
Copper	mg/kg	51.8			34.9			59.4			25.5		
Iron	mg/kg	36700			45600			33100			18800		
Lead	mg/kg	21.9			16.1			22.4		J	19.7		
Magnesium	mg/kg	717			1610			255			791		
Manganese	mg/kg	146			123			18.4		J	854		
Nickel	mg/kg	10			37.4			4.48			10.4		
Potassium	mg/kg	2020			2760			1390			1250		
Selenium	mg/kg	1.56			1.3	U	U	1.55		B	1.27		
Silver	mg/kg	2.35	U	U	1.63	J	J	1.37	J	J	2.36	U	U
Sodium	mg/kg	56.4	J	J	62.2	J	J	44.1	J	J	56.6	J	J
Thallium	mg/kg	2.35	U	U	2.59	U	U	2.25	U	UJ	2.36	U	U
Vanadium	mg/kg	45.1			60.4			39.2			39.8		
Zinc	mg/kg	42.2		J	97.2		J	35.7			40.2		J

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW02			CWM-183-MW03			CWM-183-MW04			CWM-183-MW05		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0008			TG0010			TG0012			TG0014		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			18-OCT-01		
User Test Group / Lab Method	Sample Depth:	1 - 2			3 - 4			5 - 6			2 - 3		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
CA BREAKDOWN													
SW8321													
Diisopropylmethylphosphonic Acid	mg/kg	.059	U	U	.059	U	U	.06	U	U	.057	U	U
Dimethylmethylphosphonic Acid	mg/kg	.059	U	UJ	.059	U	UJ	.06	U	UJ	.057	U	U
Ethylmethylphosponic Acid	mg/kg	.059	AAU	UJ	.059	AAU	UJ	.06	AAU	UJ	.057	AAU	U
Isopropylmethylphosphonic Acid	mg/kg	.12	AAU	UJ	.12	AAU	UJ	.12	AAU	UJ	.11	AAU	UJ
Methylphosphonic Acid	mg/kg	.59	AAU	U	.59	AAU	U	.6	AAU	U	.57	AAU	UJ
Thiodiglycol	mg/kg	.059	U	UJ	.059	U	UJ	.06	U	UJ	.057	U	UJ
METALS													
SW6010B													
Aluminum	mg/kg	21400			17000			20300			16800		
Antimony	mg/kg	11.8	U	UJ	11.5	U	UJ	11.9	U	UJ	11.4	U	U
Arsenic	mg/kg	8.08			8.13			8.82			9.06		
Barium	mg/kg	92.1			87.6			93.2			64.2		
Beryllium	mg/kg	1.36			.666	J	J	.734	J	J	.61	J	B
Cadmium	mg/kg	1.18	U	U	1.15	U	U	1.19	U	U	1.14	U	U
Calcium	mg/kg	218			1440			104	J	J	366		
Chromium	mg/kg	18.6			22.1			25.4			23.9		
Cobalt	mg/kg	2.81		B	11.1			2.51		B	7.96		
Copper	mg/kg	63.1			29			44.6			31.1		
Iron	mg/kg	37700			32000			34200			33900		
Lead	mg/kg	19.8			24.5			18.1			17.7		J
Magnesium	mg/kg	734			782			807			740		
Manganese	mg/kg	25.8			441			79.5			340		
Nickel	mg/kg	7.9			6.07			5.9			6.48		
Potassium	mg/kg	2560			1350			2350			1440		
Selenium	mg/kg	1.55			1.07	J	J	2			.718	J	J
Silver	mg/kg	2.36	U	U	2.29	U	U	2.38	U	U	2.28	U	U
Sodium	mg/kg	85.8	J	J	54.9	J	J	57.1	J	J	49.3	J	J
Thallium	mg/kg	2.36	U	U	2.29	U	U	2.38	U	U	2.28	U	U
Vanadium	mg/kg	50.6			46.1			66.3			55.3		
Zinc	mg/kg	50.4		J	33.6		J	39.2		J	35.9		J

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-MW06			CWM-183-MW07			CWM-183-MW08			CWM-183-MW09		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0016			TG0018			TG0022			TG0032		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			26-NOV-01		
User Test Group	*Sample Depth:*	5 - 6			2. - 3.3			9 - 10			11 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN													
SW8321													
Diisopropylmethylphosphonic Acid	mg/kg	.063	U	U	.057	U	U	.061	U	U	.065	AAU	U
Dimethylmethylphosphonic Acid	mg/kg	.063	U	UJ	.057	U	UJ	.061	U	UJ	.065	AAU	U
Ethylmethylphosponic Acid	mg/kg	.063	AAU	UJ	.057	AAU	UJ	.061	AAU	UJ	.065	U	U
Isopropylmethylphosphonic Acid	mg/kg	.13	AAU	UJ	.11	AAU	UJ	.12	AAU	UJ	.13	U	UJ
Methylphosphonic Acid	mg/kg	.63	AAU	U	.57	AAU	U	.61	AAU	U	.65	U	UJ
Thiodiglycol	mg/kg	.063	U	UJ	.057	U	UJ	.061	U	UJ	.065	AAU	U
METALS													
SW6010B													
Aluminum	mg/kg	30800			13200			28300			24900		
Antimony	mg/kg	12.4	U	UJ	11.4	U	UJ	11.9	U	UJ	12.6	U	UJ
Arsenic	mg/kg	13.7			9.8			8.98			13.5		J
Barium	mg/kg	108			67			153			100		J
Beryllium	mg/kg	1.11	J	J	.856	J	J	1.1	J	J	1.07	J	J
Cadmium	mg/kg	1.24	U	U	1.14	U	U	1.19	U	U	1.26	U	U
Calcium	mg/kg	258			225			1140			174		
Chromium	mg/kg	24.6			23.2			23.8			23.7		
Cobalt	mg/kg	7.11			5.44			7.97			28.5		
Copper	mg/kg	50.9			47.1			26.5			35.5		
Iron	mg/kg	47300			40000			40800			43000		
Lead	mg/kg	15.1			18.4			15.7			22.6		J
Magnesium	mg/kg	1240			429			1330			715		
Manganese	mg/kg	158			160			197			1550		J
Nickel	mg/kg	54.2			9.14			13			41.3		
Potassium	mg/kg	2590			1280			1980			1130		
Selenium	mg/kg	1.07	J	J	1.36			1.19	U	U	1.14	J	B
Silver	mg/kg	2.48	U	U	1.52	J	J	1.45	J	J	1.63	J	J
Sodium	mg/kg	60.3	J	J	54.5	J	J	71.6	J	J	46.7	J	J
Thallium	mg/kg	2.48	U	U	2.28	U	U	2.39	U	U	2.53	U	UJ
Vanadium	mg/kg	63.6			51			63.4			42.4		
Zinc	mg/kg	172		J	41.8		J	45.9		J	97.5		

	Location Code:	CWM-183-MW10			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183		
	Sample No:	TG0034			TG0035		
	Sample Date:	28-NOV-01			28-NOV-01		
User Test Group / Lab Method	Sample Depth:	11 - 12			11 - 12		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual
CA BREAKDOWN							
SW8321							
Diisopropylmethylphosphonic Acid	mg/kg	.061	AAU	U	.061	AAU	U
Dimethylmethylphosphonic Acid	mg/kg	.061	AAU	U	.061	AAU	U
Ethylmethylphosponic Acid	mg/kg	.061	U	U	.061	U	U
Isopropylmethylphosphonic Acid	mg/kg	.12	U	UJ	.12	U	UJ
Methylphosphonic Acid	mg/kg	.61	U	UJ	.61	U	UJ
Thiodiglycol	mg/kg	.061	AAU	U	.061	AAU	U
METALS							
SW6010B							
Aluminum	mg/kg	24500			24300		
Antimony	mg/kg	11.9	U	UJ	11.8	U	UJ
Arsenic	mg/kg	8.16		J	6.84		J
Barium	mg/kg	77.6		J	69.2		J
Beryllium	mg/kg	.572	J	J	.567	J	J
Cadmium	mg/kg	1.19	U	U	1.18	U	U
Calcium	mg/kg	101	J	J	90.8	J	J
Chromium	mg/kg	22.3			22		
Cobalt	mg/kg	10.7			8.11		
Copper	mg/kg	24.9			24.3		
Iron	mg/kg	30300			30500		
Lead	mg/kg	20.6		J	15		J
Magnesium	mg/kg	844			773		
Manganese	mg/kg	518		J	313		J
Nickel	mg/kg	17.8			16.7		
Potassium	mg/kg	1200			1210		
Selenium	mg/kg	.723	J	B	.555	J	B
Silver	mg/kg	1.37	J	J	1.6	J	J
Sodium	mg/kg	46	J	J	39.1	J	J
Thallium	mg/kg	2.38	U	UJ	2.36	U	UJ
Vanadium	mg/kg	47			43.4		
Zinc	mg/kg	52.7			47.6		

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-GP01			CWM-183-GP02			CWM-183-GP03			CWM-183-MW01		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0002			TG0004			TG0026			TG0006		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			17-OCT-01		
User Test Group / Lab Method	Sample Depth:	2 - 3			9 - 10			2 - 3			1 - 2		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
METALS													
SW7471A													
Mercury	mg/kg	.118	U	U	.13	U	U	.057	J	B	.118	U	U
ORTHOSULFUR													
SW8270													
1,4-Dithiane	mg/kg	1.2	U	U	1.3	U	U	1.1	U	U	1.2	U	U
1,4-Oxathiane	mg/kg	0.58	U	U	0.63	U	U	0.57	U	U	0.59	U	U
p-Chlorophenylmethylsulfone	mg/kg	5.8	U	U	6.3	U	U	5.7	U	UJ	5.9	U	U
p-Chlorophenylmethylsulfoxide	mg/kg	5.8	U	U	6.3	U	U	5.7	U	U	5.9	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
1,2-Dichlorobenzene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
1,3-Dichlorobenzene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
1,4-Dichlorobenzene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2,4,5-Trichlorophenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2,4,6-Trichlorophenol	mg/kg	.74	U	U	.82	U	U	.71	U	U	.74	U	U
2,4-Dichlorophenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2,4-Dimethylphenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2,4-Dinitrophenol	mg/kg	.74	U	U	.82	U	U	.71	U	U	.74	U	U
2,4-Dinitrotoluene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2,6-Dinitrotoluene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2-Chloronaphthalene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2-Chlorophenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2-Methylnaphthalene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2-Methylphenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
2-Nitroaniline	mg/kg	.74	U	U	.82	U	U	.71	U	U	.74	U	U
2-Nitrophenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
3,3'-Dichlorobenzidine	mg/kg	.74	U	U	.82	U	U	.71	U	U	.74	U	U
3-Nitroaniline	mg/kg	.74	U	U	.82	U	U	.71	U	U	.74	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.74	U	U	.82	U	U	.71	U	U	.74	U	U
4-Bromophenyl phenyl ether	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW02			CWM-183-MW03			CWM-183-MW04			CWM-183-MW05		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0008			TG0010			TG0012			TG0014		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			18-OCT-01		
User Test Group	*Sample Depth:*	1 - 2			3 - 4			5 - 6			2 - 3		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW7471A													
Mercury	mg/kg	.045	J	J	.115	U	U	.119	U	U	.114	U	U
ORTHOSULFUR													
SW8270													
1,4-Dithiane	mg/kg	1.2	U	U	1.2	U	U	1.2	U	U	1.1	U	U
1,4-Oxathiane	mg/kg	0.59	U	U	0.59	U	U	0.60	U	U	0.57	U	U
p-Chlorophenylmethylsulfone	mg/kg	5.9	U	U	5.9	U	U	6.0	U	U	5.7	U	U
p-Chlorophenylmethylsulfoxide	mg/kg	5.9	U	U	5.9	U	U	6.0	U	U	5.7	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
1,2-Dichlorobenzene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
1,3-Dichlorobenzene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
1,4-Dichlorobenzene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2,4,5-Trichlorophenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2,4,6-Trichlorophenol	mg/kg	.74	U	U	.72	U	U	.75	U	U	.72	U	U
2,4-Dichlorophenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2,4-Dimethylphenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2,4-Dinitrophenol	mg/kg	.74	U	UJ	.72	U	UJ	.75	U	UJ	.72	U	UJ
2,4-Dinitrotoluene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2,6-Dinitrotoluene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2-Chloronaphthalene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2-Chlorophenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2-Methylnaphthalene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2-Methylphenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
2-Nitroaniline	mg/kg	.74	U	U	.72	U	U	.75	U	U	.72	U	U
2-Nitrophenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
3,3'-Dichlorobenzidine	mg/kg	.74	U	U	.72	U	U	.75	U	U	.72	U	U
3-Nitroaniline	mg/kg	.74	U	U	.72	U	U	.75	U	U	.72	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.74	U	U	.72	U	U	.75	U	U	.72	U	U
4-Bromophenyl phenyl ether	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW06			CWM-183-MW07			CWM-183-MW08			CWM-183-MW09		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0016			TG0018			TG0022			TG0032		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			26-NOV-01		
User Test Group	*Sample Depth:*	5 - 6			2. - 3.3			9 - 10			11 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW7471A													
Mercury	mg/kg	.060	J	J	.114	U	U	.119	U	U	.068	J	B
ORTHOSULFUR													
SW8270													
1,4-Dithiane	mg/kg	1.3	U	U	1.1	U	U	1.2	U	U	1.3	U	U
1,4-Oxathiane	mg/kg	0.63	U	U	0.57	U	U	0.61	U	U	0.65	U	U
p-Chlorophenylmethylsulfone	mg/kg	6.3	U	U	5.7	U	U	6.1	U	U	6.5	U	UJ
p-Chlorophenylmethylsulfoxide	mg/kg	6.3	U	U	5.7	U	U	6.1	U	U	6.5	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
1,2-Dichlorobenzene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
1,3-Dichlorobenzene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
1,4-Dichlorobenzene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2,4,5-Trichlorophenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2,4,6-Trichlorophenol	mg/kg	.78	U	U	.72	U	U	.75	U	U	.8	U	U
2,4-Dichlorophenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2,4-Dimethylphenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2,4-Dinitrophenol	mg/kg	.78	U	UJ	.72	U	UJ	.75	U	UJ	.8	U	U
2,4-Dinitrotoluene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2,6-Dinitrotoluene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2-Chloronaphthalene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2-Chlorophenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2-Methylnaphthalene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2-Methylphenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
2-Nitroaniline	mg/kg	.78	U	U	.72	U	U	.75	U	U	.8	U	U
2-Nitrophenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
3,3'-Dichlorobenzidine	mg/kg	.78	U	U	.72	U	U	.75	U	U	.8	U	U
3-Nitroaniline	mg/kg	.78	U	U	.72	U	U	.75	U	U	.8	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.78	U	U	.72	U	U	.75	U	U	.8	U	U
4-Bromophenyl phenyl ether	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U

	Location Code:	CWM-183-MW10			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183		
	Sample No:	TG0034			TG0035		
	Sample Date:	28-NOV-01			28-NOV-01		
User Test Group / Lab Method	Sample Depth:	11 - 12			11 - 12		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual
METALS							
SW7471A							
Mercury	mg/kg	.037	J	B	.040	J	B
ORTHOSULFUR							
SW8270							
1,4-Dithiane	mg/kg	1.2	U	U	1.2	U	U
1,4-Oxathiane	mg/kg	0.61	U	U	0.61	U	U
p-Chlorophenylmethylsulfone	mg/kg	6.1	U	UJ	6.1	U	UJ
p-Chlorophenylmethylsulfoxide	mg/kg	6.1	U	U	6.1	U	U
SEMIVOLATILES							
SW8270C							
1,2,4-Trichlorobenzene	mg/kg	.39	U	U	.39	U	U
1,2-Dichlorobenzene	mg/kg	.39	U	U	.39	U	U
1,3-Dichlorobenzene	mg/kg	.39	U	U	.39	U	U
1,4-Dichlorobenzene	mg/kg	.39	U	U	.39	U	U
2,4,5-Trichlorophenol	mg/kg	.39	U	U	.39	U	U
2,4,6-Trichlorophenol	mg/kg	.75	U	U	.74	U	U
2,4-Dichlorophenol	mg/kg	.39	U	U	.39	U	U
2,4-Dimethylphenol	mg/kg	.39	U	U	.39	U	U
2,4-Dinitrophenol	mg/kg	.75	U	U	.74	U	U
2,4-Dinitrotoluene	mg/kg	.39	U	U	.39	U	U
2,6-Dinitrotoluene	mg/kg	.39	U	U	.39	U	U
2-Chloronaphthalene	mg/kg	.39	U	U	.39	U	U
2-Chlorophenol	mg/kg	.39	U	U	.39	U	U
2-Methylnaphthalene	mg/kg	.39	U	U	.39	U	U
2-Methylphenol	mg/kg	.39	U	U	.39	U	U
2-Nitroaniline	mg/kg	.75	U	U	.74	U	U
2-Nitrophenol	mg/kg	.39	U	U	.39	U	U
3,3'-Dichlorobenzidine	mg/kg	.75	U	U	.74	U	U
3-Nitroaniline	mg/kg	.75	U	U	.74	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.75	U	U	.74	U	U
4-Bromophenyl phenyl ether	mg/kg	.39	U	U	.39	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-GP01			CWM-183-GP02			CWM-183-GP03			CWM-183-MW01		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0002			TG0004			TG0026			TG0006		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			17-OCT-01		
User Test Group	*Sample Depth:*	2 - 3			9 - 10			2 - 3			1 - 2		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
4-Chloro-3-methylphenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
4-Chloroaniline	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
4-Chlorophenyl phenyl ether	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
4-Methylphenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
4-Nitroaniline	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
4-Nitrophenol	mg/kg	.74	U	U	.82	U	U	.71	U	UJ	.74	U	U
Acenaphthene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Acenaphthylene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Anthracene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Benzo(a)anthracene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Benzo(a)pyrene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Benzo(b)fluoranthene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Benzo(ghi)perylene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Benzo(k)fluoranthene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Bis(2-Chloroethyl)ether	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.39	U	UJ	.43	U	UJ	.37	U	U	.39	U	UJ
Bis(2-Ethylhexyl)phthalate	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Butyl benzyl phthalate	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Carbazole	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Chrysene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Di-n-butyl phthalate	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Di-n-octyl phthalate	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Dibenz(a,h)anthracene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Dibenzofuran	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Diethyl phthalate	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Dimethyl phthalate	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Fluoranthene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Fluorene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Hexachlorobenzene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Hexachlorobutadiene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW02			CWM-183-MW03			CWM-183-MW04			CWM-183-MW05		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0008			TG0010			TG0012			TG0014		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			18-OCT-01		
User Test Group / Lab Method	Sample Depth:	1 - 2			3 - 4			5 - 6			2 - 3		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
SEMIVOLATILES													
SW8270C													
4-Chloro-3-methylphenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
4-Chloroaniline	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
4-Chlorophenyl phenyl ether	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
4-Methylphenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
4-Nitroaniline	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
4-Nitrophenol	mg/kg	.74	U	U	.72	U	U	.75	U	U	.72	U	U
Acenaphthene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Acenaphthylene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Anthracene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Benzo(a)anthracene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Benzo(a)pyrene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Benzo(b)fluoranthene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Benzo(ghi)perylene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Benzo(k)fluoranthene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Bis(2-Chloroethyl)ether	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	UJ
Bis(2-Ethylhexyl)phthalate	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Butyl benzyl phthalate	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Carbazole	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Chrysene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Di-n-butyl phthalate	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Di-n-octyl phthalate	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Dibenz(a,h)anthracene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Dibenzofuran	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Diethyl phthalate	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Dimethyl phthalate	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Fluoranthene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Fluorene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Hexachlorobenzene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Hexachlorobutadiene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-MW06			CWM-183-MW07			CWM-183-MW08			CWM-183-MW09		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0016			TG0018			TG0022			TG0032		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			26-NOV-01		
User Test Group	*Sample Depth:*	5 - 6			2. - 3.3			9 - 10			11 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
4-Chloro-3-methylphenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
4-Chloroaniline	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
4-Chlorophenyl phenyl ether	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
4-Methylphenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
4-Nitroaniline	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
4-Nitrophenol	mg/kg	.78	U	U	.72	U	U	.75	U	U	.8	U	U
Acenaphthene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Acenaphthylene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Anthracene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Benzo(a)anthracene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Benzo(a)pyrene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Benzo(b)fluoranthene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Benzo(ghi)perylene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Benzo(k)fluoranthene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Bis(2-Chloroethyl)ether	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Butyl benzyl phthalate	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Carbazole	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Chrysene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Di-n-butyl phthalate	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Di-n-octyl phthalate	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Dibenz(a,h)anthracene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Dibenzofuran	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Diethyl phthalate	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Dimethyl phthalate	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Fluoranthene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Fluorene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Hexachlorobenzene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Hexachlorobutadiene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U

	Location Code:	CWM-183-MW10			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183		
	Sample No:	TG0034			TG0035		
	Sample Date:	28-NOV-01			28-NOV-01		
User Test Group	Sample Depth:	11 - 12			11 - 12		
Lab Method							
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual
SEMIVOLATILES							
SW8270C							
4-Chloro-3-methylphenol	mg/kg	.39	U	U	.39	U	U
4-Chloroaniline	mg/kg	.39	U	U	.39	U	U
4-Chlorophenyl phenyl ether	mg/kg	.39	U	U	.39	U	U
4-Methylphenol	mg/kg	.39	U	U	.39	U	U
4-Nitroaniline	mg/kg	.39	U	U	.39	U	U
4-Nitrophenol	mg/kg	.75	U	U	.74	U	U
Acenaphthene	mg/kg	.39	U	U	.39	U	U
Acenaphthylene	mg/kg	.39	U	U	.39	U	U
Anthracene	mg/kg	.39	U	U	.39	U	U
Benzo(a)anthracene	mg/kg	.39	U	U	.39	U	U
Benzo(a)pyrene	mg/kg	.39	U	U	.39	U	U
Benzo(b)fluoranthene	mg/kg	.39	U	U	.39	U	U
Benzo(ghi)perylene	mg/kg	.39	U	U	.39	U	U
Benzo(k)fluoranthene	mg/kg	.39	U	U	.39	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.39	U	U	.39	U	U
Bis(2-Chloroethyl)ether	mg/kg	.39	U	U	.39	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.39	U	U	.39	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.39	U	U	.39	U	U
Butyl benzyl phthalate	mg/kg	.39	U	U	.39	U	U
Carbazole	mg/kg	.39	U	U	.39	U	U
Chrysene	mg/kg	.39	U	U	.39	U	U
Di-n-butyl phthalate	mg/kg	.39	U	U	.39	U	U
Di-n-octyl phthalate	mg/kg	.39	U	U	.39	U	U
Dibenz(a,h)anthracene	mg/kg	.39	U	U	.39	U	U
Dibenzofuran	mg/kg	.39	U	U	.39	U	U
Diethyl phthalate	mg/kg	.39	U	U	.39	U	U
Dimethyl phthalate	mg/kg	.39	U	U	.39	U	U
Fluoranthene	mg/kg	.39	U	U	.39	U	U
Fluorene	mg/kg	.39	U	U	.39	U	U
Hexachlorobenzene	mg/kg	.39	U	U	.39	U	U
Hexachlorobutadiene	mg/kg	.39	U	U	.39	U	U

	Location Code:	CWM-183-GP01			CWM-183-GP02			CWM-183-GP03			CWM-183-MW01		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0002			TG0004			TG0026			TG0006		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			17-OCT-01		
User Test Group / Lab Method	Sample Depth:	2 - 3			9 - 10			2 - 3			1 - 2		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
SEMIVOLATILES													
SW8270C													
Hexachlorocyclopentadiene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Hexachloroethane	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Isophorone	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
N-Nitroso-di-n-propylamine	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
N-Nitrosodiphenylamine	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Naphthalene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Nitrobenzene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Pentachlorophenol	mg/kg	.74	U	U	.82	U	U	.71	U	U	.74	U	U
Phenanthrene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Phenol	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
Pyrene	mg/kg	.39	U	U	.43	U	U	.37	U	U	.39	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,1,1-Trichloroethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0055	U	U	.18			.0051	U	U	.0057	U	U
1,1,2-Trichloroethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,1-Dichloroethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,1-Dichloroethene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,1-Dichloropropene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,2,3-Trichlorobenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,2,3-Trichloropropane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,2,4-Trichlorobenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,2,4-Trimethylbenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.011	U	U	.011	U	U	.01	U	U	.011	U	U
1,2-Dibromoethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,2-Dichlorobenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,2-Dichloroethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
1,2-Dichloropropane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW02			CWM-183-MW03			CWM-183-MW04			CWM-183-MW05		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0008			TG0010			TG0012			TG0014		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			18-OCT-01		
User Test Group	*Sample Depth:*	1 - 2			3 - 4			5 - 6			2 - 3		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachlorocyclopentadiene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Hexachloroethane	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Isophorone	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
N-Nitroso-di-n-propylamine	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
N-Nitrosodiphenylamine	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Naphthalene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Nitrobenzene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Pentachlorophenol	mg/kg	.74	U	U	.72	U	U	.75	U	U	.72	U	U
Phenanthrene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Phenol	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
Pyrene	mg/kg	.39	U	U	.38	U	U	.39	U	U	.38	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,1,1-Trichloroethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0055	U	U	.0041	J	J	.062			.0049	U	U
1,1,2-Trichloroethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,1-Dichloroethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,1-Dichloroethene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,1-Dichloropropene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,2,3-Trichlorobenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,2,3-Trichloropropane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,2,4-Trichlorobenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,2,4-Trimethylbenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.011	U	U	.0097	U	U	.01	U	U	.0097	U	R
1,2-Dibromoethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,2-Dichlorobenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,2-Dichloroethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,2-Dichloropropane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U

	Location Code:	CWM-183-MW06			CWM-183-MW07			CWM-183-MW08			CWM-183-MW09		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0016			TG0018			TG0022			TG0032		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			26-NOV-01		
User Test Group	*Sample Depth:*	5 - 6			2. - 3.3			9 - 10			11 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachlorocyclopentadiene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Hexachloroethane	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Isophorone	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
N-Nitroso-di-n-propylamine	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
N-Nitrosodiphenylamine	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Naphthalene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Nitrobenzene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Pentachlorophenol	mg/kg	.78	U	U	.72	U	U	.75	U	U	.8	U	U
Phenanthrene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Phenol	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
Pyrene	mg/kg	.41	U	U	.38	U	U	.39	U	U	.42	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,1,1-Trichloroethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0052	J	J	.02			.013			.017		
1,1,2-Trichloroethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,1-Dichloroethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,1-Dichloroethene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,1-Dichloropropene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,2,3-Trichlorobenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,2,3-Trichloropropane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,2,4-Trichlorobenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,2,4-Trimethylbenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.01	U	U	.0098	U	U	.0099	U	U	.011	U	U
1,2-Dibromoethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,2-Dichlorobenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,2-Dichloroethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,2-Dichloropropane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U

	Location Code:	CWM-183-MW10			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183		
	Sample No:	TG0034			TG0035		
	Sample Date:	28-NOV-01			28-NOV-01		
User Test Group / Lab Method	Sample Depth:	11 - 12			11 - 12		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual
SEMIVOLATILES							
SW8270C							
Hexachlorocyclopentadiene	mg/kg	.39	U	U	.39	U	U
Hexachloroethane	mg/kg	.39	U	U	.39	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.39	U	U	.39	U	U
Isophorone	mg/kg	.39	U	U	.39	U	U
N-Nitroso-di-n-propylamine	mg/kg	.39	U	U	.39	U	U
N-Nitrosodiphenylamine	mg/kg	.39	U	U	.39	U	U
Naphthalene	mg/kg	.39	U	U	.39	U	U
Nitrobenzene	mg/kg	.39	U	U	.39	U	U
Pentachlorophenol	mg/kg	.75	U	U	.74	U	U
Phenanthrene	mg/kg	.39	U	U	.39	U	U
Phenol	mg/kg	.39	U	U	.39	U	U
Pyrene	mg/kg	.39	U	U	.39	U	U
VOLATILES							
SW8260B							
1,1,1,2-Tetrachloroethane	mg/kg	.0052	U	U	.0055	U	U
1,1,1-Trichloroethane	mg/kg	.0052	U	U	.0055	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0052	U	U	.0055	U	U
1,1,2-Trichloroethane	mg/kg	.0052	U	U	.0055	U	U
1,1-Dichloroethane	mg/kg	.0052	U	U	.0055	U	U
1,1-Dichloroethene	mg/kg	.0052	U	U	.0055	U	U
1,1-Dichloropropene	mg/kg	.0052	U	U	.0055	U	U
1,2,3-Trichlorobenzene	mg/kg	.0052	U	U	.0055	U	U
1,2,3-Trichloropropane	mg/kg	.0052	U	U	.0055	U	U
1,2,4-Trichlorobenzene	mg/kg	.0052	U	U	.0055	U	U
1,2,4-Trimethylbenzene	mg/kg	.0052	U	U	.0055	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.01	U	U	.011	U	U
1,2-Dibromoethane	mg/kg	.0052	U	U	.0055	U	U
1,2-Dichlorobenzene	mg/kg	.0052	U	U	.0055	U	U
1,2-Dichloroethane	mg/kg	.0052	U	U	.0055	U	U
1,2-Dichloropropane	mg/kg	.0052	U	U	.0055	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-GP01			CWM-183-GP02			CWM-183-GP03			CWM-183-MW01		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG0002			TG0004			TG0026			TG0006		
	Sample Date:		17-OCT-01			17-OCT-01			26-NOV-01			17-OCT-01		
User Test Group	*Sample Depth:*		2 - 3			9 - 10			2 - 3			1 - 2		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
	1,2-Dimethylbenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	1,3,5-Trimethylbenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	1,3-Dichlorobenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	1,3-Dichloropropane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	1,4-Dichlorobenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	2-Butanone	mg/kg	.022	U	U	.022	U	U	.02	U	U	.013	J	J
	2-Hexanone	mg/kg	.022	U	U	.022	U	U	.02	U	UJ	.023	U	U
	4-Methyl-2-pentanone	mg/kg	.022	U	U	.022	U	U	.02	U	U	.023	U	U
	Acetone	mg/kg	.054		J	.0077	J	J	.0064	J	B	.4		J
	Benzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Bromobenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Bromochloromethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Bromodichloromethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Bromoform	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Bromomethane	mg/kg	.0055	U	UJ	.0056	U	UJ	.0051	U	U	.0057	U	UJ
	Carbon disulfide	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Carbon tetrachloride	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Chlorobenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Chloroethane	mg/kg	.011	U	U	.011	U	U	.01	U	U	.011	U	U
	Chloroform	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Chloromethane	mg/kg	.0055	U	UJ	.0056	U	UJ	.0051	U	U	.0057	U	UJ
	Cis-1,2-Dichloroethene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Cis-1,3-Dichloropropene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Cumene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Dibromochloromethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Dibromomethane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Dichlorodifluoromethane	mg/kg	.011	U	UJ	.011	U	UJ	.01	U	U	.011	U	UJ
	Ethylbenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Hexachlorobutadiene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
	Methylene chloride	mg/kg	.011	U	U	.011	U	U	.01	U	U	.011	U	U
	N-Butylbenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW02			CWM-183-MW03			CWM-183-MW04			CWM-183-MW05		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0008			TG0010			TG0012			TG0014		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			18-OCT-01		
User Test Group	*Sample Depth:*	1 - 2			3 - 4			5 - 6			2 - 3		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2-Dimethylbenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,3,5-Trimethylbenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,3-Dichlorobenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,3-Dichloropropane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
1,4-Dichlorobenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
2-Butanone	mg/kg	.022	U	U	.019	U	U	.02	U	U	.019	U	U
2-Hexanone	mg/kg	.022	U	U	.019	U	U	.02	U	U	.019	U	U
4-Methyl-2-pentanone	mg/kg	.022	U	U	.019	U	U	.02	U	U	.019	U	U
Acetone	mg/kg	.049		J	.098		J	.015	J	J	.04		J
Benzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Bromobenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Bromochloromethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Bromodichloromethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Bromoform	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	UJ
Bromomethane	mg/kg	.0055	U	UJ	.0049	U	UJ	.005	U	UJ	.0049	U	UJ
Carbon disulfide	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Carbon tetrachloride	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Chlorobenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Chloroethane	mg/kg	.011	U	U	.0097	U	U	.01	U	U	.0097	U	U
Chloroform	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Chloromethane	mg/kg	.0055	U	UJ	.0049	U	UJ	.005	U	U	.0049	U	U
Cis-1,2-Dichloroethene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Cis-1,3-Dichloropropene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Cumene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Dibromochloromethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Dibromomethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Dichlorodifluoromethane	mg/kg	.011	U	UJ	.0097	U	UJ	.01	U	UJ	.0097	U	UJ
Ethylbenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Hexachlorobutadiene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
Methylene chloride	mg/kg	.011	U	U	.0097	U	U	.01	U	U	.0097	U	U
N-Butylbenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-MW06			CWM-183-MW07			CWM-183-MW08			CWM-183-MW09		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0016			TG0018			TG0022			TG0032		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			26-NOV-01		
User Test Group / Lab Method	Sample Depth:	5 - 6			2. - 3.3			9 - 10			11 - 12		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
1,2-Dimethylbenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,3,5-Trimethylbenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,3-Dichlorobenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,3-Dichloropropane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
1,4-Dichlorobenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
2-Butanone	mg/kg	.021	U	U	.02	U	U	.02	U	U	.022	U	U
2-Hexanone	mg/kg	.021	U	U	.02	U	U	.02	U	U	.022	U	UJ
4-Methyl-2-pentanone	mg/kg	.021	U	U	.02	U	U	.02	U	U	.022	U	U
Acetone	mg/kg	.034		J	.028		J	.012	J	J	.022	U	UJ
Benzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Bromobenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Bromochloromethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Bromodichloromethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Bromoform	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Bromomethane	mg/kg	.0052	U	UJ	.0049	U	UJ	.005	U	UJ	.0054	U	U
Carbon disulfide	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Carbon tetrachloride	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Chlorobenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Chloroethane	mg/kg	.01	U	U	.0098	U	U	.0099	U	U	.011	U	U
Chloroform	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Chloromethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Cis-1,2-Dichloroethene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Cis-1,3-Dichloropropene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Cumene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Dibromochloromethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Dibromomethane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Dichlorodifluoromethane	mg/kg	.01	U	UJ	.0098	U	UJ	.0099	U	UJ	.011	U	U
Ethylbenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Hexachlorobutadiene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Methylene chloride	mg/kg	.01	U	U	.0098	U	U	.0099	U	U	.011	U	U
N-Butylbenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U

	Location Code:	CWM-183-MW10			CWM-183-MW10		
	Associated Site:	CWM-183			CWM-183		
	Sample No:	TG0034			TG0035		
	Sample Date:	28-NOV-01			28-NOV-01		
User Test Group / Lab Method	Sample Depth:	11 - 12			11 - 12		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual
VOLATILES							
SW8260B							
1,2-Dimethylbenzene	mg/kg	.0052	U	U	.0055	U	U
1,3,5-Trimethylbenzene	mg/kg	.0052	U	U	.0055	U	U
1,3-Dichlorobenzene	mg/kg	.0052	U	U	.0055	U	U
1,3-Dichloropropane	mg/kg	.0052	U	U	.0055	U	U
1,4-Dichlorobenzene	mg/kg	.0052	U	U	.0055	U	U
2-Butanone	mg/kg	.021	U	U	.022	U	U
2-Hexanone	mg/kg	.021	U	UJ	.022	U	UJ
4-Methyl-2-pentanone	mg/kg	.021	U	UJ	.022	U	UJ
Acetone	mg/kg	.021	U	UJ	.022	U	UJ
Benzene	mg/kg	.0052	U	U	.0055	U	U
Bromobenzene	mg/kg	.0052	U	U	.0055	U	U
Bromochloromethane	mg/kg	.0052	U	U	.0055	U	U
Bromodichloromethane	mg/kg	.0052	U	U	.0055	U	U
Bromoform	mg/kg	.0052	U	U	.0055	U	U
Bromomethane	mg/kg	.0052	U	U	.0055	U	U
Carbon disulfide	mg/kg	.0052	U	U	.0055	U	U
Carbon tetrachloride	mg/kg	.0052	U	U	.0055	U	U
Chlorobenzene	mg/kg	.0052	U	U	.0055	U	U
Chloroethane	mg/kg	.01	U	U	.011	U	U
Chloroform	mg/kg	.0052	U	U	.0055	U	U
Chloromethane	mg/kg	.0052	U	U	.0055	U	U
Cis-1,2-Dichloroethene	mg/kg	.0052	U	U	.0055	U	U
Cis-1,3-Dichloropropene	mg/kg	.0052	U	U	.0055	U	U
Cumene	mg/kg	.0052	U	U	.0055	U	U
Dibromochloromethane	mg/kg	.0052	U	U	.0055	U	U
Dibromomethane	mg/kg	.0052	U	U	.0055	U	U
Dichlorodifluoromethane	mg/kg	.01	U	U	.011	U	U
Ethylbenzene	mg/kg	.0052	U	U	.0055	U	U
Hexachlorobutadiene	mg/kg	.0052	U	U	.0055	U	U
Methylene chloride	mg/kg	.0015	J	B	.0017	J	B
N-Butylbenzene	mg/kg	.0052	U	U	.0055	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:	CWM-183-GP01			CWM-183-GP02			CWM-183-GP03			CWM-183-MW01		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0002			TG0004			TG0026			TG0006		
	Sample Date:	17-OCT-01			17-OCT-01			26-NOV-01			17-OCT-01		
User Test Group	*Sample Depth:*	2 - 3			9 - 10			2 - 3			1 - 2		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
N-Propylbenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
Naphthalene	mg/kg	.011	U	U	.011	U	U	.01	U	U	.011	U	U
Styrene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
Tetrachloroethene	mg/kg	.0055	U	U	.0061			.0051	U	U	.0057	U	U
Toluene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0024	J	J
Trans-1,2-Dichloroethene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
Trans-1,3-Dichloropropene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
Trichloroethene	mg/kg	.0055	U	U	.042			.0051	U	U	.0057	U	U
Trichlorofluoromethane	mg/kg	.0011	J	B	.0056	U	U	.0051	U	U	.0035	J	B
Vinyl chloride	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
m,p-Xylenes	mg/kg	.011	U	U	.011	U	U	.01	U	U	.011	U	U
o-Chlorotoluene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
p-Chlorotoluene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
p-Cymene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
sec-Butylbenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
sec-Dichloropropane	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U
tert-Butylbenzene	mg/kg	.0055	U	U	.0056	U	U	.0051	U	U	.0057	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-MW02			CWM-183-MW03			CWM-183-MW04			CWM-183-MW05		
	Associated Site:		CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:		TG0008			TG0010			TG0012			TG0014		
	Sample Date:		17-OCT-01			17-OCT-01			17-OCT-01			18-OCT-01		
User Test Group	*Sample Depth:*		1 - 2			3 - 4			5 - 6			2 - 3		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
	N-Propylbenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	Naphthalene	mg/kg	.011	U	U	.0097	U	U	.01	U	U	.0097	U	U
	Styrene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	Tetrachloroethene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	Toluene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0014	J	J
	Trans-1,2-Dichloroethene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	Trans-1,3-Dichloropropene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	Trichloroethene	mg/kg	.0055	U	U	.002	J	J	.0034	J	J	.0049	U	U
	Trichlorofluoromethane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	Vinyl chloride	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	m,p-Xylenes	mg/kg	.011	U	U	.0097	U	U	.01	U	U	.0097	U	U
	o-Chlorotoluene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	p-Chlorotoluene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	p-Cymene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0014	J	J
	sec-Butylbenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	UJ
	sec-Dichloropropane	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U
	tert-Butylbenzene	mg/kg	.0055	U	U	.0049	U	U	.005	U	U	.0049	U	U

Summary of Validated Subsurface Soil Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:	CWM-183-MW06			CWM-183-MW07			CWM-183-MW08			CWM-183-MW09		
	Associated Site:	CWM-183			CWM-183			CWM-183			CWM-183		
	Sample No:	TG0016			TG0018			TG0022			TG0032		
	Sample Date:	17-OCT-01			17-OCT-01			17-OCT-01			26-NOV-01		
User Test Group	*Sample Depth:*	5 - 6			2. - 3.3			9 - 10			11 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
N-Propylbenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Naphthalene	mg/kg	.01	U	U	.0098	U	U	.0099	U	U	.011	U	U
Styrene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Tetrachloroethene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Toluene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Trans-1,2-Dichloroethene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Trans-1,3-Dichloropropene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
Trichloroethene	mg/kg	.0014	J	J	.0033	J	J	.0022	J	J	.0096		
Trichlorofluoromethane	mg/kg	.0052	U	U	.0026	J	J	.0013	J	J	.0012	J	J
Vinyl chloride	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
m,p-Xylenes	mg/kg	.01	U	U	.0098	U	U	.0099	U	U	.011	U	U
o-Chlorotoluene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
p-Chlorotoluene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
p-Cymene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
sec-Butylbenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
sec-Dichloropropane	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U
tert-Butylbenzene	mg/kg	.0052	U	U	.0049	U	U	.005	U	U	.0054	U	U

	Location Code:		CWM-183-MW10			CWM-183-MW10		
	Associated Site:		CWM-183			CWM-183		
	Sample No:		TG0034			TG0035		
	Sample Date:		28-NOV-01			28-NOV-01		
User Test Group	*Sample Depth:*		11 - 12			11 - 12		
Lab Method	*Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES								
SW8260B								
	N-Propylbenzene	mg/kg	.0052	U	U	.0055	U	U
	Naphthalene	mg/kg	.01	U	U	.011	U	U
	Styrene	mg/kg	.0052	U	U	.0055	U	U
	Tetrachloroethene	mg/kg	.0052	U	U	.0055	U	U
	Toluene	mg/kg	.0052	U	U	.0055	U	U
	Trans-1,2-Dichloroethene	mg/kg	.0052	U	U	.0055	U	U
	Trans-1,3-Dichloropropene	mg/kg	.0052	U	U	.0055	U	U
	Trichloroethene	mg/kg	.0052	U	U	.0055	U	U
	Trichlorofluoromethane	mg/kg	.0052	U	U	.0055	U	U
	Vinyl chloride	mg/kg	.0052	U	U	.0055	U	U
	m,p-Xylenes	mg/kg	.01	U	U	.011	U	U
	o-Chlorotoluene	mg/kg	.0052	U	U	.0055	U	U
	p-Chlorotoluene	mg/kg	.0052	U	U	.0055	U	U
	p-Cymene	mg/kg	.0052	U	U	.0055	U	U
	sec-Butylbenzene	mg/kg	.0052	U	U	.0055	U	U
	sec-Dichloropropane	mg/kg	.0052	U	U	.0055	U	U
	tert-Butylbenzene	mg/kg	.0052	U	U	.0055	U	U

Summary of Validated Surface Water Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:		CWM-183-SW/SD02			CWM-183-SW/SD02		
	Associated Site:		CWM-183			CWM-183		
	Sample No:		TG2002			TG2003		
	Sample Date:		09-NOV-01			09-NOV-01		
User Test Group / Lab Method / Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
CA BREAKDOWN								
SW8321								
Diisopropylmethylphosphonic Acid	Y	mg/L	.01	U	U	.01	U	U
Dimethylmethylphosphonic Acid	Y	mg/L	.01	U	U	.01	U	U
Ethylmethylphosponic Acid	Y	mg/L	.01	AAU	U	.01	AAU	U
Isopropylmethylphosphonic Acid	Y	mg/L	.02	AAU	U	.02	AAU	U
Methylphosphonic Acid	Y	mg/L	.1	AAU	U	.1	AAU	U
Thiodiglycol	Y	mg/L	.01	U	UJ	.01	U	UJ
METALS								
SW6010B								
Aluminum		mg/L	.2	U	U	.2	U	U
Antimony		mg/L	.1	U	U	.1	U	U
Arsenic		mg/L	.01	U	U	.01	U	U
Barium		mg/L	.0865			.084		
Beryllium		mg/L	.01	U	U	.01	U	U
Cadmium		mg/L	.01	U	U	.01	U	U
Calcium		mg/L	69.5			69.5		
Chromium		mg/L	.02	U	U	.02	U	U
Cobalt		mg/L	.02	U	U	.02	U	U
Copper		mg/L	.02	U	U	.02	U	U
Iron		mg/L	.3	J	J	.148	J	J
Lead		mg/L	.01	U	U	.01	U	U
Magnesium		mg/L	8.14			8.15		
Manganese		mg/L	.101		J	.0601	J	J
Nickel		mg/L	.02	U	U	.02	U	U
Potassium		mg/L	.95	J	J	.932	J	J
Selenium		mg/L	.01	U	U	.01	U	U
Silver		mg/L	.02	U	U	.02	U	U
Sodium		mg/L	1.98			1.61		
Thallium		mg/L	.01	U	U	.01	U	U
Vanadium		mg/L	.02	U	U	.02	U	U
Zinc		mg/L	.1	U	U	.1	U	U

Summary of Validated Surface Water Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-SW/SD02			CWM-183-SW/SD02		
	Associated Site:		CWM-183			CWM-183		
	Sample No:		TG2002			TG2003		
	Sample Date:		09-NOV-01			09-NOV-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS								
SW7470A								
Mercury		mg/L	.0005	U	U	.0005	U	U
ORTHOSULFUR								
SW8270								
1,4-Dithiane		mg/L	.005	U	U	.0051	U	U
1,4-Oxathiane		mg/L	.005	U	U	.0051	U	U
p-Chlorophenylmethylsulfone		mg/L	.01	U	U	.01	U	U
p-Chlorophenylmethylsulfoxide		mg/L	.01	U	U	.01	U	U
SEMIVOLATILES								
SW8270C								
1,2,4-Trichlorobenzene		mg/L	.01	U	UJ	.01	U	UJ
1,2-Dichlorobenzene		mg/L	.01	U	U	.01	U	U
1,3-Dichlorobenzene		mg/L	.01	U	U	.01	U	U
1,4-Dichlorobenzene		mg/L	.01	U	UJ	.01	U	UJ
2,4,5-Trichlorophenol		mg/L	.01	U	U	.01	U	U
2,4,6-Trichlorophenol		mg/L	.01	U	U	.01	U	U
2,4-Dichlorophenol		mg/L	.01	U	U	.01	U	U
2,4-Dimethylphenol		mg/L	.01	U	U	.01	U	U
2,4-Dinitrophenol		mg/L	.02	U	UJ	.02	U	UJ
2,4-Dinitrotoluene		mg/L	.02	U	U	.02	U	U
2,6-Dinitrotoluene		mg/L	.02	U	U	.02	U	U
2-Chloronaphthalene		mg/L	.01	U	U	.01	U	U
2-Chlorophenol		mg/L	.01	U	UJ	.01	U	UJ
2-Methylnaphthalene		mg/L	.01	U	U	.01	U	U
2-Methylphenol		mg/L	.01	U	U	.01	U	U
2-Nitroaniline		mg/L	.02	U	U	.02	U	U
2-Nitrophenol		mg/L	.01	U	U	.01	U	U
3,3'-Dichlorobenzidine		mg/L	.01	U	U	.01	U	U
3-Nitroaniline		mg/L	.01	U	U	.01	U	U
4,6-Dinitro-2-methylphenol		mg/L	.02	U	U	.02	U	U
4-Bromophenyl phenyl ether		mg/L	.02	U	U	.02	U	U

Summary of Validated Surface Water Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

	Location Code:		CWM-183-SW/SD02			CWM-183-SW/SD02		
	Associated Site:		CWM-183			CWM-183		
	Sample No:		TG2002			TG2003		
	Sample Date:		09-NOV-01			09-NOV-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES								
SW8270C								
4-Chloro-3-methylphenol		mg/L	.01	U	U	.01	U	U
4-Chloroaniline		mg/L	.01	U	U	.01	U	U
4-Chlorophenyl phenyl ether		mg/L	.01	U	U	.01	U	U
4-Methylphenol		mg/L	.01	U	U	.01	U	U
4-Nitroaniline		mg/L	.01	U	U	.01	U	U
4-Nitrophenol		mg/L	.01	U	U	.01	U	U
Acenaphthene		mg/L	.01	U	U	.01	U	U
Acenaphthylene		mg/L	.01	U	U	.01	U	U
Anthracene		mg/L	.01	U	U	.01	U	U
Benzo(a)anthracene		mg/L	.01	U	U	.01	U	U
Benzo(a)pyrene		mg/L	.01	U	U	.01	U	U
Benzo(b)fluoranthene		mg/L	.01	U	U	.01	U	U
Benzo(ghi)perylene		mg/L	.01	U	U	.01	U	U
Benzo(k)fluoranthene		mg/L	.01	U	U	.01	U	U
Bis(2-Chloroethoxy)methane		mg/L	.01	U	U	.01	U	U
Bis(2-Chloroethyl)ether		mg/L	.01	U	U	.01	U	U
Bis(2-Chloroisopropyl)ether		mg/L	.01	U	U	.01	U	U
Bis(2-Ethylhexyl)phthalate		mg/L	.02	U	U	.02	U	U
Butyl benzyl phthalate		mg/L	.01	U	U	.01	U	U
Carbazole		mg/L	.01	U	U	.01	U	U
Chrysene		mg/L	.01	U	U	.01	U	U
Di-n-butyl phthalate		mg/L	.01	U	U	.01	U	U
Di-n-octyl phthalate		mg/L	.01	U	U	.01	U	U
Dibenz(a,h)anthracene		mg/L	.01	U	U	.01	U	U
Dibenzofuran		mg/L	.01	U	U	.01	U	U
Diethyl phthalate		mg/L	.02	U	U	.02	U	U
Dimethyl phthalate		mg/L	.02	U	U	.02	U	U
Fluoranthene		mg/L	.01	U	U	.01	U	U
Fluorene		mg/L	.01	U	U	.01	U	U
Hexachlorobenzene		mg/L	.02	U	UJ	.02	U	UJ
Hexachlorobutadiene		mg/L	.01	U	U	.01	U	U

Summary of Validated Surface Water Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

	Location Code:		CWM-183-SW/SD02			CWM-183-SW/SD02		
	Associated Site:		CWM-183			CWM-183		
	Sample No:		TG2002			TG2003		
	Sample Date:		09-NOV-01			09-NOV-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES								
SW8270C								
Hexachlorocyclopentadiene		mg/L	.01	U	U	.01	U	U
Hexachloroethane		mg/L	.01	U	U	.01	U	U
Indeno(1,2,3-cd)pyrene		mg/L	.01	U	U	.01	U	U
Isophorone		mg/L	.01	U	U	.01	U	U
N-Nitroso-di-n-propylamine		mg/L	.01	U	U	.01	U	U
N-Nitrosodiphenylamine		mg/L	.01	U	U	.01	U	U
Naphthalene		mg/L	.01	U	U	.01	U	U
Nitrobenzene		mg/L	.01	U	U	.01	U	U
Pentachlorophenol		mg/L	.02	U	U	.02	U	U
Phenanthrene		mg/L	.02	U	U	.02	U	U
Phenol		mg/L	.01	U	UJ	.01	U	UJ
Pyrene		mg/L	.01	U	U	.01	U	U
VOLATILES								
SW8260B								
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.0033			.0033		
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	R	.002	U	R
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U

Summary of Validated Surface Water Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

		Location Code:	CWM-183-SW/SD02			CWM-183-SW/SD02		
		Associated Site:	CWM-183			CWM-183		
		Sample No:	TG2002			TG2003		
		Sample Date:	09-NOV-01			09-NOV-01		
User Test Group / *Lab Method*	*Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES									
SW8260B									
	1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U
	1,3,5-Trimethylbenzene		mg/L	.001	U	UJ	.001	U	UJ
	1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U
	1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U
	1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U
	2-Butanone		mg/L	.01	U	R	.01	U	R
	2-Hexanone		mg/L	.01	U	U	.01	U	U
	4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	U
	Acetone		mg/L	.01	U	R	.01	U	R
	Benzene		mg/L	.001	U	U	.001	U	U
	Bromobenzene		mg/L	.001	U	U	.001	U	U
	Bromochloromethane		mg/L	.001	U	U	.001	U	U
	Bromodichloromethane		mg/L	.001	U	U	.001	U	U
	Bromoform		mg/L	.001	U	U	.001	U	U
	Bromomethane		mg/L	.001	U	U	.001	U	U
	Carbon disulfide		mg/L	.001	U	U	.001	U	U
	Carbon tetrachloride		mg/L	.001	U	U	.001	U	U
	Chlorobenzene		mg/L	.001	U	U	.001	U	U
	Chloroethane		mg/L	.001	U	U	.001	U	U
	Chloroform		mg/L	.00021	J	B	.00021	J	B
	Chloromethane		mg/L	.001	U	U	.001	U	U
	Cis-1,2-Dichloroethene		mg/L	.0014			.0014		
	Cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U
	Cumene		mg/L	.001	U	UJ	.001	U	UJ
	Dibromochloromethane		mg/L	.001	U	U	.001	U	U
	Dibromomethane		mg/L	.001	U	U	.001	U	U
	Dichlorodifluoromethane		mg/L	.001	U	UJ	.001	U	UJ
	Ethylbenzene		mg/L	.001	U	U	.001	U	U
	Hexachlorobutadiene		mg/L	.001	U	UJ	.001	U	UJ
	Methylene chloride		mg/L	.002	U	U	.002	U	U
	N-Butylbenzene		mg/L	.001	U	U	.001	U	U

Summary of Validated Surface Water Data
Range T-6 (Parcel 183)
Fort McClellan, Alabama

Report Date: 09/18/02

		Location Code:	CWM-183-SW/SD02			CWM-183-SW/SD02		
		Associated Site:	CWM-183			CWM-183		
		Sample No:	TG2002			TG2003		
		Sample Date:	09-NOV-01			09-NOV-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES								
SW8260B								
N-Propylbenzene		mg/L	.001	U	UJ	.001	U	UJ
Naphthalene		mg/L	.001	U	U	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	UJ	.001	U	UJ
Toluene		mg/L	.001	U	U	.001	U	U
Trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U
Trans-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U
Trichloroethene		mg/L	.018			.019		
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U
o-Chlorotoluene		mg/L	.001	U	UJ	.001	U	UJ
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	U

GRAIN SIZE ANALYSIS

Duane Nielsen
IT Corporation
December 6, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

IT GEOTECHNICAL LABORATORY
OAK RIDGE, TN
(865) 482-6497

PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name Fort McClellan

Client Sample No. TG1002

Project No. 796889.11020300

IT Lab Sample No. ETDC-9826

Specific Gravity : 2.65
assumed for calculations

Moisture Content = 25.4%
based on dry sample weight

SIEVE ANALYSIS

	Sieve No.	Diameter mm	Percent Finer
COARSE	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	89.7%
	#4	4.750	67.7%
	#10	2.000	45.2%

	Sieve No.	Diameter mm	Percent Finer
FINE	#20	0.850	25.5%
	#40	0.425	8.3%
	#60	0.250	2.7%
	#100	0.149	1.4%
	#140	0.106	1.1%
	#200	0.075	0.9%

HYDROMETER ANALYSIS

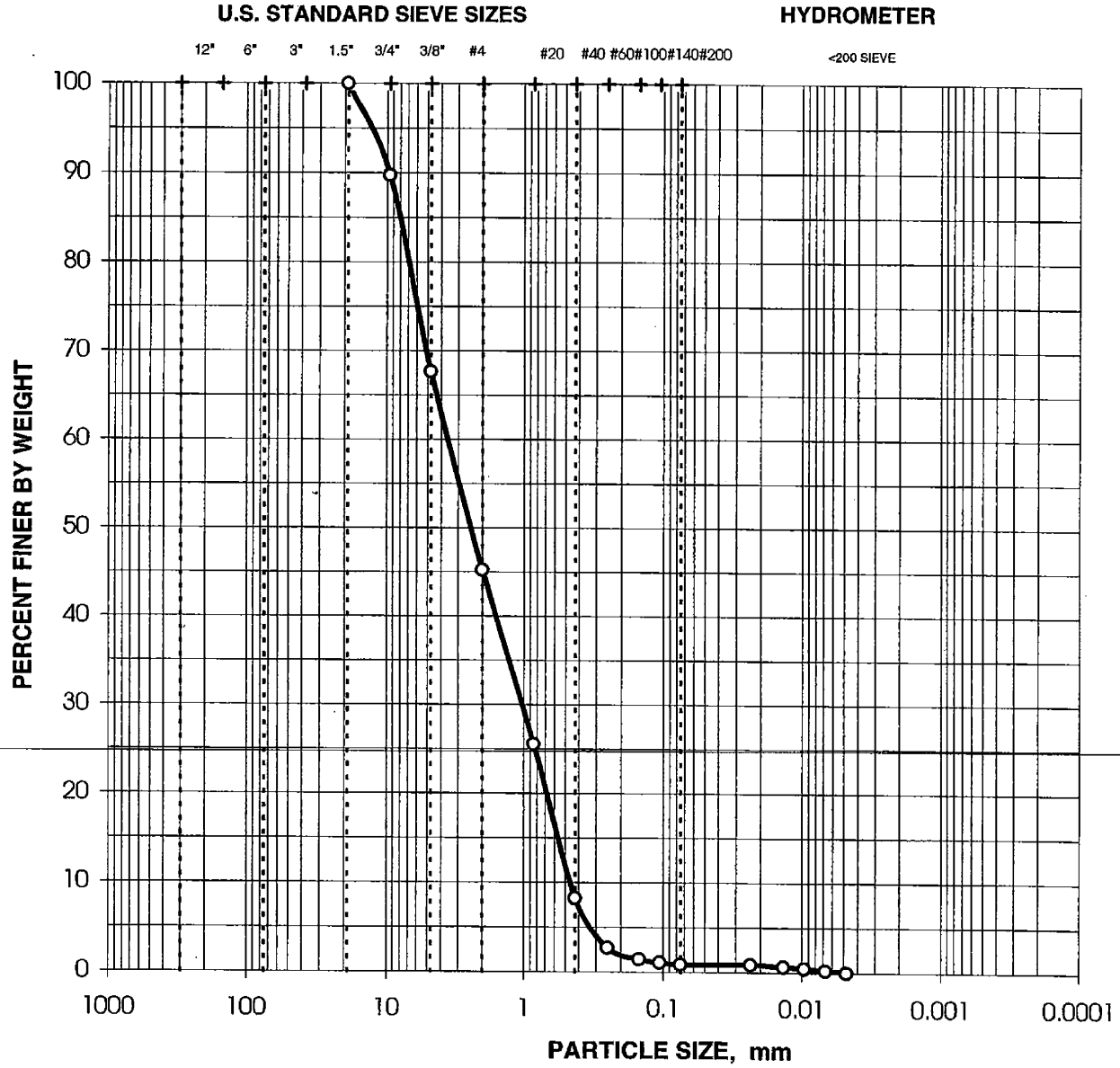
	Diameter mm	Percent Finer
HYDROMETER		
	0.02348	0.9%
	0.01360	0.7%
	0.00965	0.4%
	0.00676	0.2%
	0.00480	0.0%

32.3% Gravel 66.8% Sand 0.9% Silt/Clay

Duane Nielsen
IT Corporation
December 6, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

IT GEOTECHNICAL LABORATORY
OAK RIDGE, TN
(865) 482-6497

Fort McClellan



CLIENT SAMPLE NO.: TG1002

IT LAB SAMPLE NO.: ETDC-9826

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns