211231

FILE NAME: BWZ06 DATE: 07/07/99 TIME: 16:29

CRITERIA FILE: REG0295

DATA

	Original	X	Qualified

QUALIFICATIONS PERFORMED

X	Quantitation Limit		CRDL Standards
X	Percent Moisture		ICS
X	Holding Time		LCS
X	Calibrations		Duplicates
X	Matrix Spikes		Furnace AA QC
	IPC		ICP Serial Dilutions
	Internal Standards		Sample Results Verification
X	SMC/Surrogates	X	Laboratory Blanks
X	System Performance		Field QC
	Sample Cleanup		

PRINT NON-DETECTS

X	Yes		No

PRINT REJECTED RESULTS

X	Yes		No

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ06		BWZ06DL		BWZ07		BWZ07DL		BWZ08	
REGIONAL SAMPLE NUMBER:	BWZ06		**DO NOT USE**		BWZ07		**DO NOT USE**		BWZ08	
SAMPLE LOCATION:	A101		A101		A102		A102		A103	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	20		20		12		12		7	
PES										
alpha-BHC	1.8	NJ	21	U	4.5	NJ	19	U	1.7	U
beta-BHC	2.1	U	21	U	1.9	U	19	U	1.7	U
delta-BHC	14	NJ	19	NJ	17	J	19	U	1.7	U
gamma-BHC (Lindane)	1.2	J	21	U	4.3	NJ	19	U	1.7	U
Heptachlor	2.1	U	21	U	1.9	U	19	U	0.64	J
Aldrin	3.2	NJ	21	U	2.4	NJ	19	U	1.7	U
Heptachlor epoxide	4.5	J	21	U	12	J	19	U	1.7	U
Endosulfan I	2.1	U	21	U	1.9	U	19	U	1.7	U
Dieldrin	17	NJ	20	NJ	10	NJ	36	U	3.4	U
4,4'-DDE	20	NJ	14	NJ	25	NJ	21	J	7.3	NJ
Endrin	92	J	110	NJ	29		28	J	8.2	NJ
Endosulfan II	8.1	NJ	40	U	7.2	NJ	36	U	5.8	NJ
4,4'-DDD	15	NJ	40	U	20	NJ	30	NJ	11	NJ
Endosulfan sulfate	4.0	U	40	U	3.6	U	36	U	3.4	U
4,4'-DDT	46	NJ	89	J	22	NJ	36	U	14	NJ
Methoxychlor	190	J	280	NJ	43	NJ	24	NJ	4.2	NJ
Endrin ketone	56		40	U	3.6	U	36	U	3.4	U
Endrin aldehyde	4.0	U	40	U	16	J	36	U	12	NJ
alpha-Chlordane	17	J	20	J	4.3	J	10	J	1.8	NJ
gamma-Chlordane	18		22		5.5	NJ	19	U	3.5	NJ
Toxaphene	210	U	2100	U	190	U	1900	U	170	U
Aroclor-1016	40	U	400	U	36	U	360	U	33	U
Aroclor-1221	82	U	820	U	74	U	740	U	68	U
Aroclor-1232	40	U	400	U	36	U	360	U	33	U
Aroclor-1242	40	U	400	U	36	U	360	U	33	U
Aroclor-1248	40	U	400	U	36	U	360	U	33	U
Aroclor-1254	300	J	410	J	280	J	320	J	240	J
Aroclor-1260	40	U	400	U	36	U	360	U	33	U

FILE NAME: BWZ06 DATE: 07/07/99 TIME: 16:29 CADRE98 PAGE: 1

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ08DL		BWZ09		BWZ09DL		BWZ10		BWZ10DL	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BWZ09		**DO NOT USE**		BWZ10		**DO NOT USE**	
SAMPLE LOCATION:	A103		A104		A104		A105		A105	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		10.0	
PERCENT MOISTURE:	7		15		15		12		12	
PES										
alpha-BHC	17	U	1.9	U	19	U	1.9	U	19	U
beta-BHC	17	U	1.9	U	19	U	1.9	U	19	U
delta-BHC	17	U	9.0	NJ	5.2	NJ	2.9	NJ	19	U
gamma-BHC (Lindane)	17	U	2.8		19	U	1.9	U	19	U
Heptachlor	17	U	1.1	NJ	19	U	1.9	U	19	U
Aldrin	17	U	1.9	U	19	U	1.9	U	19	U
Heptachlor epoxide	17	U	28		19	U	1.9	U	19	U
Endosulfan I	17	U	1.9	U	19	U	1.9	U	19	U
Dieldrin	33	U	33	NJ	37	NJ	3.7	U	37	U
4,4'-DDE	10	J	54	NJ	43	J	4.7	NJ	37	U
Endrin	33	U	26	NJ	36	U	19		37	U
Endosulfan II	33	U	27	NJ	30	J	9.9		37	U
4,4'-DDD	33	U	20	NJ	36	U	5.6	NJ	37	U
Endosulfan sulfate	33	U	3.6	U	36	U	3.7	U	37	U
4,4'-DDT	33	U	60	NJ	58	NJ	7.7	NJ	37	U
Methoxychlor	170	U	39	NJ	61	NJ	34	J	190	U
Endrin ketone	33	U	11	NJ	36	U	8.6	NJ	37	U
Endrin aldehyde	8.1	NJ	17	NJ	30	NJ	9.9	NJ	36	J
alpha-Chlordane	5.4	J	5.6	NJ	17	J	1.9	U	19	U
gamma-Chlordane	17	U	4.6	NJ	19	U	1.9	U	19	U
Toxaphene	1700	U	190	U	1900	U	190	U	1900	U
Aroclor-1016	330	U	36	U	360	U	37	U	370	U
Aroclor-1221	680	U	74	U	740	U	75	U	750	U
Aroclor-1232	330	U	36	U	360	U	37	U	370	U
Aroclor-1242	330	U	36	U	360	U	37	U	370	U
Aroclor-1248	330	U	36	U	360	U	37	U	370	U
Aroclor-1254	260	NJ	1300		1500		82	NJ	100	NJ
Aroclor-1260	330	U	36	U	360	U	37	U	370	U

FILE NAME: BWZ06 DATE: 07/07/99 TIME: 16:29 CADRE98 PAGE: 2

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ11		BWZ11DL		BWZ12		BWZ12DL		BWZ13	
REGIONAL SAMPLE NUMBER:	BWZ11		**DO NOT USE**		BWZ12		**DO NOT USE**		BWZ13	
SAMPLE LOCATION:	A106		A106		A107		A107		A108	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	12		12		8		8		12	
PES										
alpha-BHC	1.9	U	19	U	1.7	U	17	U	1.8	U
beta-BHC	1.9	U	19	U	1.7	U	17	U	1.8	U
delta-BHC	3.1	NJ	19	U	1.7	NJ	17	U	12	J
gamma-BHC (Lindane)	0.82	J	19	U	1.7	U	17	U	0.92	J
Heptachlor	1.9	U	19	U	0.70	J	17	U	1.2	NJ
Aldrin	1.4	NJ	19	U	1.7	U	17	U	1.8	U
Heptachlor epoxide	7.9	J	19	U	1.7	U	17	U	1.6	NJ
Endosulfan I	1.9	U	19	U	1.7	U	17	U	1.8	U
Dieldrin	10	NJ	10	NJ	3.3	NJ	34	U	13	NJ
4,4'-DDE	14	NJ	11	NJ	5.0	NJ	34	U	38	NJ
Endrin	13	NJ	37	U	5.4	NJ	34	U	17	NJ
Endosulfan II	10	NJ	9.8	J	5.6		34	U	12	NJ
4,4'-DDD	9.8	NJ	37	U	7.8	NJ	34	U	11	NJ
Endosulfan sulfate	3.7	U	37	U	3.4	U	34	U	3.5	U
4,4'-DDT	22	NJ	19	NJ	8.4	NJ	34	U	30	NJ
Methoxychlor	14	NJ	190	U	11	NJ	170	U	11	NJ
Endrin ketone	3.7	U	37	U	3.4	U	34	U	3.5	U
Endrin aldehyde	8.6	NJ	25	NJ	7.1	NJ	34	U	11	NJ
alpha-Chlordane	1.7	NJ	7.9	NJ	0.97	NJ	17	U	3.5	J
gamma-Chlordane	1.7	NJ	19	U	1.2	NJ	17	U	1.7	NJ
Toxaphene	190	U	1900	U	170	U	1700	U	180	U
Aroclor-1016	37	U	370	U	34	U	340	U	35	U
Aroclor-1221	76	U	760	U	68	U	680	U	70	U
Aroclor-1232	37	U	370	U	34	U	340	U	35	U
Aroclor-1242	37	U	370	U	34	U	340	U	35	U
Aroclor-1248	37	U	370	U	34	U	340	U	35	U
Aroclor-1254	480		510		150	J	160	J	540	
Aroclor-1260	37	U	370	U	34	U	340	U	35	U

FILE NAME: BWZ06 DATE: 07/07/99 TIME: 16:29 CADRE98 PAGE: 3

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ13DL		BWZ14		BWZ14DL		BWZ15		BWZ15DL	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BWZ14		**DO NOT USE**		BWZ15		**DO NOT USE**	
SAMPLE LOCATION:	A108		A109		A109		A110		A110	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		10.0	
PERCENT MOISTURE:	12		6		6		10		10	
PES										
alpha-BHC	18	U	1.8	U	18	U	1.8	U	18	U
beta-BHC	18	U	1.8	U	18	U	1.8	U	18	U
delta-BHC	18	U	10	J	8.7	NJ	1.3	NJ	14	J
gamma-BHC (Lindane)	18	U	1.8	U	18	U	1.8	U	18	U
Heptachlor	18	U	0.89	NJ	18	U	0.83	J	18	U
Aldrin	18	U	1.8	U	18	U	1.8	U	18	U
Heptachlor epoxide	18	U	3.5	J	18	U	1.6	NJ	18	U
Endosulfan I	18	U	1.8	U	18	U	1.8	U	18	U
Dieldrin	13	NJ	4.0	NJ	34	U	4.3	NJ	35	U
4,4'-DDE	27	J	29	NJ	20	J	7.9	NJ	35	U
Endrin	35	U	25		24	J	24		35	U
Endosulfan II	14	J	8.1	J	34	U	5.7	J	35	U
4,4'-DDD	35	U	15	NJ	34	U	8.2	NJ	35	U
Endosulfan sulfate	35	U	3.4	U	34	U	3.6	U	35	U
4,4'-DDT	34	NJ	28	NJ	29	NJ	13	NJ	35	U
Methoxychlor	26	NJ	46	NJ	180	U	26	NJ	180	U
Endrin ketone	35	U	3.4	U	34	U	3.6	U	35	U
Endrin aldehyde	13	NJ	16		20	NJ	14	NJ	38	NJ
alpha-Chlordane	18	U	2.1	NJ	18	U	1.2	NJ	18	U
gamma-Chlordane	20		3.3	J	18	U	1.4	NJ	18	U
Toxaphene	1800	U	180	U	1800	U	180	U	1800	U
Aroclor-1016	350	U	34	U	340	U	35	U	350	U
Aroclor-1221	700	U	69	U	690	U	72	U	720	U
Aroclor-1232	350	U	34	U	340	U	35	U	350	U
Aroclor-1242	350	U	34	U	340	U	35	U	350	U
Aroclor-1248	350	U	34	U	340	U	35	U	350	U
Aroclor-1254	610		120	NJ	160	NJ	170	J	270	J
Aroclor-1260	350	U	34	U	340	U	35	U	350	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ16		BWZ16DL		BWZ17		BWZ17DL		BWZ18	
REGIONAL SAMPLE NUMBER:	BWZ16		**DO NOT USE**		BWZ17		**DO NOT USE**		BWZ18	
SAMPLE LOCATION:	A1-11		A1-11		A1-12		A1-12		A1-13	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	9		9		11		11		12	
PES										
alpha-BHC	1.8	U	18	U	1.7	U	17	U	1.9	U
beta-BHC	1.8	U	18	U	1.7	UJ	17	U	1.9	UJ
delta-BHC	1.9	NJ	18	U	1.7	U	17	U	1.9	U
gamma-BHC (Lindane)	1.8	U	18	U	1.7	U	17	U	1.9	U
Heptachlor	1.8	U	18	U	1.7	U	17	U	1.9	U
Aldrin	1.8	U	18	U	1.7	U	17	U	1.9	U
Heptachlor epoxide	1.8	U	18	U	8.5	J	17	U	1.9	U
Endosulfan I	1.8	U	18	U	1.0	NJ	17	U	1.9	U
Dieldrin	1.9	NJ	35	U	22	NJ	26	NJ	12	NJ
4,4'-DDE	5.2	NJ	35	U	20	NJ	20	NJ	3.6	U
Endrin	17	J	11	NJ	14	J	34	U	3.6	UJ
Endosulfan II	3.7	NJ	35	U	4.8	NJ	34	U	3.6	U
4,4'-DDD	7.5	NJ	35	U	3.4	U	34	U	3.6	U
Endosulfan sulfate	3.5	U	35	U	3.4	U	34	U	3.6	U
4,4'-DDT	12	NJ	35	U	140	J	160		34	J
Methoxychlor	24	NJ	180	U	17	UJ	170	U	19	UJ
Endrin ketone	3.5	U	35	U	3.4	U	34	U	3.6	U
Endrin aldehyde	11	NJ	28	NJ	5.2	NJ	34	U	7.6	J
alpha-Chlordane	2.6		18	U	1.7	U	17	U	2.1	NJ
gamma-Chlordane	1.5	NJ	18	U	17	J	19	J	1.9	U
Toxaphene	180	U	1800	U	170	U	1700	U	190	U
Aroclor-1016	35	U	350	U	34	U	340	U	36	U
Aroclor-1221	72	U	720	U	69	U	690	U	73	U
Aroclor-1232	35	U	350	U	34	U	340	U	36	U
Aroclor-1242	35	U	350	U	34	U	340	U	36	U
Aroclor-1248	35	U	350	U	34	U	340	U	36	U
Aroclor-1254	120	J	200	J	310		340		84	
Aroclor-1260	35	U	350	U	34	U	340	U	36	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ18DL		BWZ19		BWZ19DL		BWZ20		BWZ20DL	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BWZ19		**DO NOT USE**		BWZ20		**DO NOT USE**	
SAMPLE LOCATION:	A1-13		A1-14		A1-14		A1-15		A1-15	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		10.0	
PERCENT MOISTURE:	12		8		8		12		12	
PES										
alpha-BHC	19	U	1.8	U	18	U	1.9	U	19	U
beta-BHC	19	U	1.8	UJ	18	U	1.9	UJ	19	U
delta-BHC	19	U	1.8	U	18	U	1.9	U	19	U
gamma-BHC (Lindane)	19	U	1.8	U	18	U	1.9	U	19	U
Heptachlor	19	U	1.8	U	18	U	1.9	U	19	U
Aldrin	19	U	1.8	U	18	U	1.9	U	19	U
Heptachlor epoxide	19	U	4.4	NJ	18	U	8.2	NJ	19	U
Endosulfan I	19	U	1.8	U	18	U	2.2	NJ	19	U
Dieldrin	36	U	14	NJ	36	U	30	NJ	46	J
4,4'-DDE	36	U	13	NJ	36	U	36	NJ	38	
Endrin	36	U	7.6	J	36	U	8.8	NJ	38	U
Endosulfan II	36	U	7.4	NJ	36	U	5.6	NJ	38	U
4,4'-DDD	36	U	3.6	U	36	U	3.8	U	38	U
Endosulfan sulfate	36	U	3.6	U	36	U	3.8	U	38	U
4,4'-DDT	39		64	J	67		100	J	130	
Methoxychlor	190	U	18	UJ	180	U	7.1	NJ	190	U
Endrin ketone	36	U	3.6	U	36	U	3.8	U	38	U
Endrin aldehyde	36	U	3.6	U	36	U	2.8	NJ	38	U
alpha-Chlordane	19	U	2.0	NJ	18	U	1.9	U	19	U
gamma-Chlordane	19	U	14		18	U	23	NJ	25	NJ
Toxaphene	1900	U	180	U	1800	U	190	U	1900	U
Aroclor-1016	360	U	36	U	360	U	38	U	380	U
Aroclor-1221	730	U	72	U	720	U	76	U	760	U
Aroclor-1232	360	U	36	U	360	U	38	U	380	U
Aroclor-1242	360	U	36	U	360	U	38	U	380	U
Aroclor-1248	360	U	210	J	230	J	38	U	380	U
Aroclor-1254	110	J	170		180	J	380		460	
Aroclor-1260	360	U	36	U	360	U	38	U	380	U

FILE NAME: BWZ06 DATE: 07/07/99 TIME: 16:29 CADRE98 PAGE: 6

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ21		BWZ21DL		BWZ22		BWZ22DL		BWZ23	
REGIONAL SAMPLE NUMBER:	BWZ21		**DO NOT USE**		BWZ22		**DO NOT USE**		BWZ23	
SAMPLE LOCATION:	A1-16		A1-16		A1-17		A1-17		A1-18	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		10.0	
PERCENT MOISTURE:	7		7		8		8		16	
PES										
alpha-BHC	1.8	U	18	U	1.8	U	18	U	26	NJ
beta-BHC	1.8	UJ	18	U	1.8	UJ	18	U	20	U
delta-BHC	1.8	U	18	U	1.8	U	18	U	20	U
gamma-BHC (Lindane)	1.8	U	18	U	1.8	U	18	U	20	U
Heptachlor	1.8	U	18	U	1.8	U	18	U	20	U
Aldrin	1.8	U	18	U	1.8	U	18	U	20	U
Heptachlor epoxide	6.6	J	18	U	6.5	J	18	U	190	NJ
Endosulfan I	1.8	U	18	U	1.8	U	18	U	56	J
Dieldrin	18	NJ	20	NJ	19	NJ	5.4	NJ	390	NJ
4,4'-DDE	98	NJ	76		13	NJ	35	U	230	
Endrin	11	J	35	U	9.8	J	35	U	190	J
Endosulfan II	4.7	NJ	35	U	3.9	NJ	35	U	39	NJ
4,4'-DDD	16	NJ	16	NJ	3.5	U	35	U	38	U
Endosulfan sulfate	3.5	U	35	U	3.5	U	35	U	38	U
4,4'-DDT	84	NJ	84	NJ	94	J	100		1300	
Methoxychlor	44	NJ	180	U	18	UJ	180	U	200	U
Endrin ketone	12	NJ	18	NJ	7.4	NJ	35	U	160	
Endrin aldehyde	11	NJ	35	U	8.1	NJ	35	U	48	NJ
alpha-Chlordane	1.8	U	18	U	2.1	NJ	18	U	81	
gamma-Chlordane	14		18	U	15		15	J	390	
Toxaphene	180	U	1800	U	180	U	1800	U	2000	U
Aroclor-1016	35	U	350	U	35	U	350	U	380	U
Aroclor-1221	72	U	720	U	71	U	710	U	780	U
Aroclor-1232	35	U	350	U	35	U	350	U	380	U
Aroclor-1242	35	U	350	U	35	U	350	U	380	U
Aroclor-1248	35	U	350	U	35	U	350	U	380	U
Aroclor-1254	190	J	280	J	200		240	J	5500	
Aroclor-1260	35	U	350	U	35	U	350	U	380	U

FILE NAME: BWZ06 DATE: 07/07/99 TIME: 16:29 CADRE98 PAGE: 7

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ23DL		BWZ24		BWZ24DL		BWZ25		BWZ25DL	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BWZ24		**DO NOT USE**		BWZ25		**DO NOT USE**	
SAMPLE LOCATION:	A1-18		A1-19		A1-19		A1-20		A1-20	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		1.0		10.0	
PERCENT MOISTURE:	16		14		14		20		20	
PES										
alpha-BHC	200	U	42	J	200	U	3.9	NJ	21	U
beta-BHC	200	U	20	U	200	U	2.1	UJ	21	U
delta-BHC	200	U	20	U	200	U	6.8	NJ	21	U
gamma-BHC (Lindane)	200	U	20	U	200	U	2.1	U	21	U
Heptachlor	200	U	20	U	200	U	2.1	U	21	U
Aldrin	200	U	20	U	200	U	2.1	U	21	U
Heptachlor epoxide	200	NJ	220	NJ	260	NJ	49	NJ	58	NJ
Endosulfan I	200	U	68	J	200	U	22	NJ	30	J
Dieldrin	460	NJ	450	NJ	720	NJ	120	NJ	170	NJ
4,4'-DDE	220	J	240		320	J	100	NJ	100	
Endrin	380	U	210	J	380	U	54	J	67	J
Endosulfan II	380	U	49	NJ	550		25	NJ	36	NJ
4,4'-DDD	380	U	38	U	380	U	4.1	U	41	U
Endosulfan sulfate	380	U	38	U	380	U	4.1	U	41	U
4,4'-DDT	1300		1400		1500	NJ	440	J	520	J
Methoxychlor	2000	U	200	U	2000	U	140	NJ	210	U
Endrin ketone	380	U	160		380	U	4.1	U	41	U
Endrin aldehyde	380	U	54	NJ	370	NJ	26	NJ	47	NJ
alpha-Chlordane	85	NJ	92		140	NJ	57	NJ	52	NJ
gamma-Chlordane	400	J	460		650		50	NJ	170	
Toxaphene	20000	U	2000	U	20000	U	210	U	2100	U
Aroclor-1016	3800	U	380	U	3800	U	41	U	410	U
Aroclor-1221	7800	U	770	U	7700	U	84	U	840	U
Aroclor-1232	3800	U	380	U	3800	U	41	U	410	U
Aroclor-1242	3800	U	380	U	3800	U	41	U	410	U
Aroclor-1248	3800	U	380	U	3800	U	41	U	410	U
Aroclor-1254	5700		6300		7300	J	1600		2000	
Aroclor-1260	3800	U	380	U	3800	U	41	U	410	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ06 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ25MS		BWZ25MSD		PBLKSJ		PBLKSK	
REGIONAL SAMPLE NUMBER:	BWZ25MS		BWZ25MSD					
SAMPLE LOCATION:	A1-20		A1-20					
SAMPLE TYPE:	Matrix Spike		Matrix Spike Dup		Method Blank		Method Blank	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		1.0		1.0		1.0	
PERCENT MOISTURE:	20		20		0		0	
PES								
alpha-BHC	2.8	NJ	5.7	NJ	1.7	U	1.7	U
beta-BHC	2.1	UJ	2.1	UJ	1.7	U	1.7	U
delta-BHC	12	NJ	9.6	NJ	1.7	U	1.7	U
gamma-BHC (Lindane)	22	NJ	18	NJ	1.7	U	1.7	U
Heptachlor	25		23		1.7	U	1.7	U
Aldrin	17	NJ	16	NJ	1.7	U	1.7	U
Heptachlor epoxide	47	NJ	39	NJ	1.7	U	1.7	U
Endosulfan I	15	NJ	13	NJ	1.7	U	1.7	U
Dieldrin	160	NJ	130	NJ	3.3	U	3.3	U
4,4'-DDE	99	NJ	78	NJ	3.3	U	3.3	U
Endrin	100	J	88	J	3.3	U	3.3	U
Endosulfan II	24	NJ	19	NJ	3.3	U	3.3	U
4,4'-DDD	4.1	U	25	NJ	3.3	U	3.3	U
Endosulfan sulfate	4.1	U	4.1	U	3.3	U	3.3	U
4,4'-DDT	450	J	360	J	3.3	U	3.3	U
Methoxychlor	21	UJ	21	UJ	17	U	17	U
Endrin ketone	4.1	U	4.1	U	3.3	U	3.3	U
Endrin aldehyde	23	NJ	18	NJ	3.3	U	3.3	U
alpha-Chlordane	56	NJ	44	NJ	1.7	U	1.7	U
gamma-Chlordane	50	NJ	39	NJ	1.7	U	1.7	U
Toxaphene	210	U	210	U	170	U	170	U
Aroclor-1016	41	U	41	U	33	U	33	U
Aroclor-1221	83	U	83	U	67	U	67	U
Aroclor-1232	41	U	41	U	33	U	33	U
Aroclor-1242	41	U	41	U	33	U	33	U
Aroclor-1248	41	U	41	U	33	U	33	U
Aroclor-1254	1600		1300		33	U	33	U
Aroclor-1260	41	U	41	U	33	U	33	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * *

FILE NAME: BWZ26 DATE: 07/09/99 TIME: 14:26

CRITERIA FILE: REG0295

DATA

	Original	X	Qualified

QUALIFICATIONS PERFORMED

X	Quantitation Limit		CRDL Standards
X	Percent Moisture		ICS
X	Holding Time		LCS
X	Calibrations		Duplicates
X	Matrix Spikes		Furnace AA QC
	IPC		ICP Serial Dilutions
	Internal Standards		Sample Results Verification
X	SMC/Surrogates	X	Laboratory Blanks
X	System Performance		Field QC
	Sample Cleanup		

PRINT NON-DETECTS

X	Yes		No

PRINT REJECTED RESULTS

X	Yes		No

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ26		BWZ26DL		BWZ27		BWZ27DL		BWZ28	
REGIONAL SAMPLE NUMBER:	BWZ26		** DO NOT USE **		BWZ27		** DO NOT USE **		BWZ28	
SAMPLE LOCATION:	A1-21		A1-21		A1-22		A1-22		A1-23	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	9		9		17		17		16	
PES										
alpha-BHC	1.8	U	18	U	2.0	U	20	U	2.0	U
beta-BHC	1.8	U	18	U	2.0	U	20	U	2.0	U
delta-BHC	1.8	U	18	U	2.0	U	20	U	31	NJ
gamma-BHC (Lindane)	1.8	U	18	U	2.0	U	20	U	3.3	NJ
Heptachlor	1.8	U	18	U	2.0	U	20	U	2.0	U
Aldrin	6.3	NJ	8.8	NJ	2.0	U	7.2	J	8.9	NJ
Heptachlor epoxide	1.8	U	18	U	2.0	U	20	U	42	NJ
Endosulfan I	1.8	U	18	U	2.0	U	20	U	2.0	U
Dieldrin	12	NJ	16	NJ	4.2	NJ	6.1	NJ	150	NJ
4,4'-DDE	8.2	NJ	10	NJ	21	NJ	20	NJ	230	NJ
Endrin	77		110		17	NJ	28	J	1300	
Endosulfan II	75	J	100	J	6.4		58	J	950	J
4,4'-DDD	5.0	NJ	7.0	NJ	38	NJ	40	NJ	49	NJ
Endosulfan sulfate	3.6	U	36	U	16		19	NJ	41	NJ
4,4'-DDT	140	J	190		71	J	85		2000	J
Methoxychlor	29	NJ	53	J	41	NJ	47	NJ	180	J
Endrin ketone	6.6	NJ	10	NJ	24	J	34	J	47	NJ
Endrin aldehyde	12	NJ	14	NJ	19	NJ	23	NJ	160	NJ
alpha-Chlordane	43		58		15	J	21	NJ	760	
gamma-Chlordane	37		47		11	NJ	37	NJ	770	
Toxaphene	180	U	1800	U	200	U	2000	U	200	U
Aroclor-1016	36	U	360	U	38	U	380	U	39	U
Aroclor-1221	73	U	730	U	77	U	770	U	80	U
Aroclor-1232	36	U	360	U	38	U	380	U	39	U
Aroclor-1242	36	U	360	U	38	U	380	U	39	U
Aroclor-1248	36	U	360	U	38	U	380	U	39	U
Aroclor-1254	1000	D	1000		290		410		21000	D
Aroclor-1260	36	U	360	U	38	U	380	U	39	U

FILE NAME: BWZ26 DATE: 07/09/99 TIME: 14:26 CADRE98 PAGE: 1

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ28DL		BWZ29		BWZ29DL		BWZ30		BWZ30DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ29		** DO NOT USE **		BWZ30		** DO NOT USE **	
SAMPLE LOCATION:	A1-23		A1-24		A1-24		A1-25		A1-25	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		1.0		100.0		1.0		100.0	
PERCENT MOISTURE:	16		5		5		11		11	
PES										
-----										
alpha-BHC	200	U	1.8	U	180	U	1.8	U	180	U
beta-BHC	200	U	1.8	U	180	U	1.8	U	180	U
delta-BHC	200	U	6.8	NJ	180	U	36	NJ	180	U
gamma-BHC (Lindane)	200	U	2.4	NJ	180	U	1.8	U	180	U
Heptachlor	200	U	1.8	U	180	U	1.8	U	180	U
Aldrin	200	U	8.4	NJ	180	U	8.4	NJ	180	U
Heptachlor epoxide	64	NJ	22	J	180	U	11	NJ	180	U
Endosulfan I	200	U	1.8	U	180	U	1.8	U	180	U
Dieldrin	150	NJ	14	NJ	95	NJ	47	NJ	52	NJ
4,4'-DDE	220	NJ	81	NJ	50	NJ	56	NJ	52	NJ
Endrin	2000		450		710		360		580	
Endosulfan II	1300	J	380	J	540	J	280	J	400	J
4,4'-DDD	280	NJ	34	NJ	140	NJ	15	NJ	84	NJ
Endosulfan sulfate	390	U	19	NJ	340	U	8.0	NJ	360	U
4,4'-DDT	2500		780	J	1100		530	J	720	
Methoxychlor	250	NJ	54	NJ	380	J	47	J	1800	U
Endrin ketone	390	U	33	NJ	340	U	3.6	U	360	U
Endrin aldehyde	180	NJ	69	NJ	82	NJ	42	J	82	NJ
alpha-Chlordane	1100		310		450		230		350	
gamma-Chlordane	200	U	94	NJ	160	NJ	200		180	U
Toxaphene	20000	U	180	U	18000	U	180	U	18000	U
Aroclor-1016	3900	U	34	U	3400	U	36	U	3600	U
Aroclor-1221	8000	U	70	U	7000	U	72	U	7200	U
Aroclor-1232	3900	U	34	U	3400	U	36	U	3600	U
Aroclor-1242	3900	U	34	U	3400	U	36	U	3600	U
Aroclor-1248	3900	U	34	U	3400	U	36	U	3600	U
Aroclor-1254	21000		6400	D	6400		6600	D	6600	
Aroclor-1260	3900	U	34	U	3400	U	36	U	3600	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D = TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ31		BWZ31DL		BWZ32		BWZ32DL		BWZ33	
REGIONAL SAMPLE NUMBER:	BWZ31		** DO NOT USE **		BWZ32		** DO NOT USE **		BWZ33	
SAMPLE LOCATION:	A1-26		A1-26		A1-27		A1-27		A1-28	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		100.0		1.0		10.0		1.0	
PERCENT MOISTURE:	10		10		13		13		8	
PES										
alpha-BHC	1.8	U	180	U	1.9	U	19	U	1.8	U
beta-BHC	1.8	U	180	U	1.9	U	19	U	1.8	U
delta-BHC	130	NJ	250	NJ	21	J	34	NJ	1.8	U
gamma-BHC (Lindane)	2.5	NJ	180	U	1.9	U	19	U	1.8	U
Heptachlor	1.8	U	180	U	1.9	U	19	U	1.8	U
Aldrin	5.7	NJ	180	U	1.9	U	7.5	NJ	2.3	J
Heptachlor epoxide	36	NJ	55	NJ	5.7	NJ	6.6	NJ	3.0	
Endosulfan I	1.8	U	180	U	1.9	U	19	U	2.0	NJ
Dieldrin	160	NJ	200	NJ	30	NJ	34	NJ	2.2	NJ
4,4'-DDE	200	NJ	250	NJ	55	NJ	52	NJ	3.9	NJ
Endrin	1300		2200		210		320		18	
Endosulfan II	950	J	1400	NJ	160	J	210	J	15	J
4,4'-DDD	52	NJ	21	NJ	21	NJ	24	NJ	2.8	NJ
Endosulfan sulfate	26	NJ	350	U	3.6	U	2.9	NJ	3.6	U
4,4'-DDT	1900	J	2800		310	J	450		27	J
Methoxychlor	160	J	250	J	35	NJ	35	NJ	19	NJ
Endrin ketone	3.5	U	350	U	19	NJ	31	NJ	6.9	NJ
Endrin aldehyde	140	J	180	J	29	J	33	J	3.1	NJ
alpha-Chlordane	790		1300		130		200		5.0	NJ
gamma-Chlordane	690		180	U	140		200		6.6	NJ
Toxaphene	180	U	18000	U	190	U	1900	U	180	U
Aroclor-1016	35	U	3500	U	36	U	360	U	36	U
Aroclor-1221	72	U	7200	U	74	U	740	U	73	U
Aroclor-1232	35	U	3500	U	36	U	360	U	36	U
Aroclor-1242	35	U	3500	U	36	U	360	U	36	U
Aroclor-1248	35	U	3500	U	36	U	360	U	36	U
Aroclor-1254	25000	D	25000		3100	D	3100		120	
Aroclor-1260	35	U	3500	U	36	U	360	U	36	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ33DL		BWZ34		BWZ34DL		BWZ34MS		BWZ34MSD	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ34		** DO NOT USE **		BWZ34MS		BWZ34MSD	
SAMPLE LOCATION:	A1-28		A1-29		A1-29		A1-29		A1-29	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Matrix Spike		Matrix Spike Dup	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		1.0	
PERCENT MOISTURE:	8		16		16		16		16	
PES										
-----										
alpha-BHC	18	U	2.0	U	20	U	1.9	U	1.9	U
beta-BHC	18	U	2.0	U	20	U	1.9	U	1.9	U
delta-BHC	18	U	2.0	U	20	U	1.9	U	1.9	U
gamma-BHC (Lindane)	18	U	2.0	U	20	U	19		20	
Heptachlor	18	U	2.0		20	U	20		18	
Aldrin	18	U	2.0	U	20	U	21		22	
Heptachlor epoxide	18	U	7.3	J	10	J	8.6	J	7.7	J
Endosulfan I	18	U	4.7	NJ	7.6	NJ	5.8	NJ	4.9	NJ
Dieldrin	3.3	NJ	7.7	NJ	8.6	NJ	44	J	45	J
4,4'-DDE	4.9	NJ	17	NJ	28	J	15	NJ	8.9	NJ
Endrin	28	J	7.8	NJ	8.7	NJ	49	J	53	J
Endosulfan II	6.1	NJ	30	J	54		33		33	
4,4'-DDD	8.0	NJ	7.2	NJ	17	NJ	13	NJ	17	NJ
Endosulfan sulfate	36	U	3.9	U	39	U	3.7	U	3.7	U
4,4'-DDT	48	NJ	57	J	98	J	70	J	75	J
Methoxychlor	100	J	42	J	83	NJ	22	NJ	32	NJ
Endrin ketone	23	J	10	NJ	23	NJ	8.9	J	12	NJ
Endrin aldehyde	35	J	4.5	NJ	8.3	NJ	5.6	NJ	7.9	NJ
alpha-Chlordane	14	J	29		33		30		29	
gamma-Chlordane	22	J	12	NJ	14	NJ	12	NJ	12	NJ
Toxaphene	1800	U	200	U	2000	U	190	U	190	U
Aroclor-1016	360	U	39	U	390	U	37	U	37	U
Aroclor-1221	730	U	78	U	780	U	74	U	75	U
Aroclor-1232	360	U	39	U	390	U	37	U	37	U
Aroclor-1242	360	U	39	U	390	U	37	U	37	U
Aroclor-1248	360	U	39	U	390	U	37	U	37	U
Aroclor-1254	190	J	190		300	J	220		210	
Aroclor-1260	360	U	39	U	390	U	37	U	37	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ35		BWZ35DL		BWZ36		BWZ36DL		BWZ37	
REGIONAL SAMPLE NUMBER:	BWZ35		** DO NOT USE **		BWZ36		** DO NOT USE **		BWZ37	
SAMPLE LOCATION:	A1-30		A1-30		A1-31		A1-31		A2-32	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	10		10		13		13		8	
PES										
alpha-BHC	1.9	U	19	U	1.9	U	19	U	1.8	U
beta-BHC	1.9	U	19	U	1.9	U	19	U	1.8	U
delta-BHC	1.9	U	19	U	1.9	U	19	U	1.8	U
gamma-BHC (Lindane)	1.9	U	19	U	1.9	U	19	U	1.8	U
Heptachlor	1.9	U	19	U	1.9	U	19	U	1.8	U
Aldrin	1.9	U	19	U	54	NJ	19	U	8.8	NJ
Heptachlor epoxide	2.0	J	19	U	12	NJ	19	U	3.6	NJ
Endosulfan I	1.9	U	19	U	1.9	U	19	U	1.8	U
Dieldrin	2.9	NJ	4.0	NJ	35	NJ	40	NJ	18	NJ
4,4'-DDE	3.0	NJ	3.1	NJ	89	NJ	100	NJ	68	NJ
Endrin	16	J	22	J	200		270		79	
Endosulfan II	16	J	6.9	NJ	210		270		86	J
4,4'-DDD	2.5	NJ	8.1	NJ	18	NJ	59	NJ	12	NJ
Endosulfan sulfate	3.7	U	37	U	33	J	37	U	19	NJ
4,4'-DDT	31	J	55		370	J	410		130	J
Methoxychlor	12	NJ	32	NJ	72	J	190	U	88	J
Endrin ketone	2.7	NJ	14	J	61		37	U	47	NJ
Endrin aldehyde	2.6	NJ	22	J	30	NJ	78	NJ	6.0	NJ
alpha-Chlordane	9.3		9.9	J	97		130		37	
gamma-Chlordane	5.1	NJ	16	J	29	NJ	130		34	
Toxaphene	190	U	1900	U	190	U	1900	U	170	U
Aroclor-1016	37	U	370	U	37	U	370	U	34	U
Aroclor-1221	74	U	740	U	75	U	750	U	69	U
Aroclor-1232	37	U	370	U	37	U	370	U	34	U
Aroclor-1242	37	U	370	U	37	U	370	U	34	U
Aroclor-1248	37	U	370	U	37	U	370	U	34	U
Aroclor-1254	120		180	J	2700	D	2700		720	J
Aroclor-1260	37	U	370	U	37	U	370	U	34	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ37DL		BWZ38		BWZ38DL		BWZ39		BWZ39DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ38		** DO NOT USE **		BWZ39		** DO NOT USE **	
SAMPLE LOCATION:	A2-32		A1-33		A1-33		A1-34		A1-34	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		1.0		100.0		1.0		10.0	
PERCENT MOISTURE:	8		9		9		9		9	
PES										
alpha-BHC	170	U	1.8	U	180	U	1.8	UJ	18	U
beta-BHC	170	U	1.8	U	180	U	1.8	UJ	18	U
delta-BHC	170	U	3.7	J	180	U	1.8	UJ	18	U
gamma-BHC (Lindane)	170	U	1.5	NJ	180	U	1.8	UJ	18	U
Heptachlor	170	U	2.9		180	U	1.8	UJ	18	U
Aldrin	170	U	7.7	NJ	180	U	1.8	UJ	18	U
Heptachlor epoxide	170	U	5.8	NJ	180	U	1.8	UJ	18	U
Endosulfan I	170	U	1.8	U	180	U	1.8	UJ	18	U
Dieldrin	19	NJ	18	NJ	340	U	3.4	UJ	34	U
4,4'-DDE	100	NJ	76	NJ	340	U	3.4	UJ	34	U
Endrin	150	J	72		340	U	3.4	UJ	34	U
Endosulfan II	38	NJ	16	NJ	340	U	3.4	UJ	34	U
4,4'-DDD	30	NJ	15	NJ	340	U	3.4	UJ	34	U
Endosulfan sulfate	180	NJ	50	NJ	340	U	3.4	UJ	34	U
4,4'-DDT	440		150	J	340	U	3.4	UJ	34	U
Methoxychlor	920	NJ	120	J	1800	U	18	UJ	180	U
Endrin ketone	340	U	70	NJ	340	U	3.4	UJ	34	U
Endrin aldehyde	340	U	16	NJ	340	U	3.4	UJ	34	U
alpha-Chlordane	68	J	38		180	U	1.8	UJ	18	U
gamma-Chlordane	46	J	19	NJ	180	U	1.8	UJ	18	U
Toxaphene	17000	U	180	U	18000	U	180	UJ	1800	U
Aroclor-1016	3400	U	34	U	3400	U	34	UJ	340	U
Aroclor-1221	6900	U	69	U	6900	U	69	UJ	690	U
Aroclor-1232	3400	U	34	U	3400	U	34	UJ	340	U
Aroclor-1242	3400	U	34	U	3400	U	34	UJ	340	U
Aroclor-1248	3400	U	34	U	3400	U	34	UJ	340	U
Aroclor-1254	1700	J	740	J	1600	J	34	UJ	340	U
Aroclor-1260	3400	U	34	U	3400	U	34	UJ	340	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ43		BWZ43DL		BWZ44		BWZ44DL		BWZ45	
REGIONAL SAMPLE NUMBER:	BWZ43		** DO NOT USE **		BWZ44		** DO NOT USE **		BWZ45	
SAMPLE LOCATION:	A2-01		A2-01		A2-02		A2-02		A2-03	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	16		16		9		9		20	
PES										
alpha-BHC	2.0	U	20	U	1.7	U	17	U	2.1	U
beta-BHC	2.0	UJ	20	U	1.7	UJ	17	U	2.1	UJ
delta-BHC	2.0	U	20	U	1.7	U	17	U	2.1	U
gamma-BHC (Lindane)	2.0	U	20	U	1.7	U	17	U	2.1	U
Heptachlor	2.0	U	20	U	1.7	U	17	U	5.2	J
Aldrin	2.0	U	20	U	1.7	U	17	U	2.1	U
Heptachlor epoxide	14	J	20	U	1.7	U	17	U	21	J
Endosulfan I	2.0	U	20	U	1.7	U	17	U	2.1	U
Dieldrin	18	NJ	38	U	3.4	U	34	U	26	NJ
4,4'-DDE	20	NJ	38	U	6.3	NJ	34	U	31	NJ
Endrin	21	J	57		17	NJ	23	J	33	NJ
Endosulfan II	73		90	J	32		42		83	J
4,4'-DDD	33	NJ	25	NJ	12	NJ	34	U	56	NJ
Endosulfan sulfate	3.8	U	38	U	3.4	U	34	U	4.0	U
4,4'-DDT	230	J	190		62	J	52	J	310	J
Methoxychlor	100	NJ	110	NJ	52	NJ	170	U	35	NJ
Endrin ketone	38	NJ	47	J	17	NJ	56		63	NJ
Endrin aldehyde	25	NJ	38	U	9.6	NJ	34	U	30	NJ
alpha-Chlordane	92		88		14	J	17	U	140	
gamma-Chlordane	64	NJ	62	NJ	9.2	NJ	8.1	NJ	100	NJ
Toxaphene	200	U	2000	U	170	U	1700	U	210	U
Aroclor-1016	38	U	380	U	34	U	340	U	40	U
Aroclor-1221	77	U	770	U	68	U	680	U	81	U
Aroclor-1232	38	U	380	U	34	U	340	U	40	U
Aroclor-1242	38	U	380	U	34	U	340	U	40	U
Aroclor-1248	38	U	380	U	34	U	340	U	40	U
Aroclor-1254	580	D	580		120		170	J	780	D
Aroclor-1260	38	U	380	U	34	U	340	U	40	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ45DL		BWZ46		BWZ46DL		BWZ47		BWZ47DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ46		** DO NOT USE **		BWZ47		** DO NOT USE **	
SAMPLE LOCATION:	A2-03		A2-04		A2-04		A2-05		A2-05	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		10.0	
PERCENT MOISTURE:	20		23		23		18		18	
PES										
alpha-BHC	21	U	2.2	U	22	U	2.0	U	20	U
beta-BHC	21	U	2.2	UJ	22	U	2.0	UJ	20	U
delta-BHC	21	U	2.2	U	22	U	2.0	U	20	U
gamma-BHC (Lindane)	21	U	2.2	U	22	U	2.0	U	20	U
Heptachlor	21	U	2.2	U	22	U	2.0	U	20	U
Aldrin	21	U	2.2	U	22	U	2.0	U	20	U
Heptachlor epoxide	26		2.2	U	22	U	24	J	24	
Endosulfan I	21	U	2.2	U	22	U	2.0	U	20	U
Dieldrin	40	U	4.2	U	42	U	27	NJ	20	NJ
4,4'-DDE	25	J	4.2	U	42	U	30	NJ	24	J
Endrin	36	NJ	10	NJ	42	U	31	NJ	34	J
Endosulfan II	110	J	27		42	U	75	J	100	J
4,4'-DDD	37	J	4.2	U	42	U	74	NJ	34	NJ
Endosulfan sulfate	40	U	4.2	U	42	U	4.0	U	40	U
4,4'-DDT	270		50	J	42	U	200	J	260	
Methoxychlor	180	NJ	39	NJ	220	U	140	NJ	200	NJ
Endrin ketone	61	NJ	27	NJ	75	J	55	NJ	64	NJ
Endrin aldehyde	40	U	20	NJ	42	U	34	NJ	40	U
alpha-Chlordane	120		6.4	J	22	U	130		120	
gamma-Chlordane	96	NJ	5.5	NJ	22	U	100	NJ	97	NJ
Toxaphene	2100	U	220	U	2200	U	200	U	2000	U
Aroclor-1016	400	U	42	U	420	U	40	U	400	U
Aroclor-1221	810	U	86	U	860	U	80	U	800	U
Aroclor-1232	400	U	42	U	420	U	40	U	400	U
Aroclor-1242	400	U	42	U	420	U	40	U	400	U
Aroclor-1248	400	U	42	U	420	U	40	U	400	U
Aroclor-1254	780		95		76	J	880	D	880	
Aroclor-1260	400	U	42	U	420	U	40	U	400	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D = TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ26 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ49		BWZ49DL		PBLKSA		PBLKSK	
REGIONAL SAMPLE NUMBER:	BWZ49		** DO NOT USE **					
SAMPLE LOCATION:	A2-07		A2-07					
SAMPLE TYPE:	Routine Sample		Routine Sample		Method Blank		Method Blank	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		1.0	
PERCENT MOISTURE:	21		21		0		0	
PES								
alpha-BHC	2.1	U	21	U	1.7	U	1.7	U
beta-BHC	2.1	UJ	21	U	1.7	U	1.7	U
delta-BHC	2.1	U	21	U	1.7	U	1.7	U
gamma-BHC (Lindane)	2.1	U	21	U	1.7	U	1.7	U
Heptachlor	7.5		21	U	1.7	U	1.7	U
Aldrin	4.9	NJ	21	U	1.7	U	1.7	U
Heptachlor epoxide	41	J	34	J	1.7	U	1.7	U
Endosulfan I	2.1	U	21	U	1.7	U	1.7	U
Dieldrin	51	NJ	40	U	3.3	U	3.3	U
4,4'-DDE	40	NJ	40	U	3.3	U	3.3	U
Endrin	44	NJ	35	J	3.3	U	3.3	U
Endosulfan II	19	NJ	140	J	3.3	U	3.3	U
4,4'-DDD	140	NJ	66		3.3	U	3.3	U
Endosulfan sulfate	21	NJ	40	U	3.3	U	3.3	U
4,4'-DDT	190	J	350		3.3	U	3.3	U
Methoxychlor	38	NJ	260	NJ	17	U	17	U
Endrin ketone	74	NJ	92	NJ	3.3	U	3.3	U
Endrin aldehyde	48	NJ	58	NJ	3.3	U	3.3	U
alpha-Chlordane	240		200		1.7	U	1.7	U
gamma-Chlordane	280	J	240	J	1.7	U	1.7	U
Toxaphene	210	U	2100	U	170	U	170	U
Aroclor-1016	40	U	400	U	33	U	33	U
Aroclor-1221	82	U	820	U	67	U	67	U
Aroclor-1232	40	U	400	U	33	U	33	U
Aroclor-1242	40	U	400	U	33	U	33	U
Aroclor-1248	40	U	400	U	33	U	33	U
Aroclor-1254	940	D	940		33	U	33	U
Aroclor-1260	40	U	400	U	33	U	33	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION

** ONLY PCB DATA WERE VALIDATED **

FILE NAME: BWZ48 DATE: 07/14/99 TIME: 15:22

CRITERIA FILE: REG0295

DATA

	Original	X	Qualified

QUALIFICATIONS PERFORMED

X	Quantitation Limit		CRDL Standards
X	Percent Moisture		ICS
X	Holding Time		LCS
X	Calibrations		Duplicates
X	Matrix Spikes		Furnace AA QC
	IPC		ICP Serial Dilutions
	Internal Standards		Sample Results Verification
X	SMC/Surrogates	X	Laboratory Blanks
X	System Performance		Field QC
	Sample Cleanup		

PRINT NON-DETECTS

X	Yes		No

PRINT REJECTED RESULTS

X	Yes		No

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ48 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ48		BWZ48DL		BWZ48MS		BWZ48MSD		BWZ50	
REGIONAL SAMPLE NUMBER:	BWZ48		** DO NOT USE **		BWZ48MS		BWZ48MSD		BWZ50	
SAMPLE LOCATION:	A2-06		A2-06		A2-06		A2-06		A2-08	
SAMPLE TYPE:	Routine Sample		Routine Sample		Matrix Spike		Matrix Spike Dup		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		1.0		10.0	
PERCENT MOISTURE:	21		21		21		21		36	
PES										
-----										
alpha-BHC	2.1	U	21	U	2.1	U	2.2	U	25	U
beta-BHC	2.1	UJ	21	U	2.1	UJ	2.2	UJ	25	U
delta-BHC	2.1	U	21	U	2.1	U	2.2	U	25	U
gamma-BHC (Lindane)	2.1	U	21	U	16		20		25	U
Heptachlor	2.1	U	21	U	19		21		25	U
Aldrin	2.1	U	21	U	19	NJ	23	J	25	U
Heptachlor epoxide	18	J	26		17	J	18	J	48	NJ
Endosulfan I	2.1	U	21	U	2.1	U	2.2	U	25	U
Dieldrin	24	NJ	40	U	43	J	53		48	U
4,4'-DDE	36	NJ	28	J	35	NJ	35	NJ	93	NJ
Endrin	29	NJ	60	J	64	NJ	74	NJ	61	NJ
Endosulfan II	82	J	110	J	12	NJ	83	J	48	U
4,4'-DDD	68	NJ	39	NJ	80	NJ	88	NJ	48	U
Endosulfan sulfate	4.0	U	40	U	4.0	U	4.2	U	48	U
4,4'-DDT	210	J	280		190	J	190	J	200	NJ
Methoxychlor	33	NJ	110	NJ	130	NJ	150	NJ	250	UJ
Endrin ketone	60	NJ	110		54	NJ	62	NJ	48	U
Endrin aldehyde	37	NJ	40	U	34	NJ	38	NJ	48	U
alpha-Chlordane	140		120		130		140		150	NJ
gamma-Chlordane	100	NJ	92	NJ	96	NJ	99	NJ	130	J
Toxaphene	210	U	2100	U	210	U	210	U	2500	U
Aroclor-1016	40	U	400	U	40	U	42	U	480	U
Aroclor-1221	82	U	820	U	82	U	84	U	980	U
Aroclor-1232	40	U	400	U	40	U	42	U	480	U
Aroclor-1242	40	U	400	U	40	U	42	U	480	U
Aroclor-1248	40	U	400	U	40	U	42	U	480	U
Aroclor-1254	730	D	730		560		570		1100	J
Aroclor-1260	40	U	400	U	40	U	42	U	480	U

FILE NAME: BWZ48 DATE: 07/14/99 TIME: 15:22 CADRE98 PAGE: 1

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ48 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ50DL		BWZ51		BWZ51DL		BWZ52		BWZ52DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ51		** DO NOT USE **		BWZ52		** DO NOT USE **	
SAMPLE LOCATION:	A2-08		A2-09		A2-09		A2-10		A2-10	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		10.0		100.0	
PERCENT MOISTURE:	36		39		39		26		26	
PES										
alpha-BHC	250	U	26	U	260	U	22	U	220	U
beta-BHC	250	U	26	U	260	U	22	U	220	U
delta-BHC	250	U	26	U	260	U	22	U	220	U
gamma-BHC (Lindane)	250	U	26	U	260	U	22	U	220	U
Heptachlor	250	U	26	U	260	U	22	U	220	U
Aldrin	250	U	26	U	260	U	22	U	220	U
Heptachlor epoxide	250	U	48	J	260	U	37		220	U
Endosulfan I	250	U	26	U	260	U	22	U	220	U
Dieldrin	200	NJ	51	U	190	NJ	43	U	430	U
4,4'-DDE	130	NJ	59	NJ	510	U	43	U	430	U
Endrin	480	U	51	U	510	U	43	U	430	U
Endosulfan II	480	U	51	U	510	U	43	U	430	U
4,4'-DDD	480	U	51	U	510	U	43	U	430	U
Endosulfan sulfate	480	U	51	U	510	U	43	U	430	U
4,4'-DDT	710		51	R	480	J	270	J	250	J
Methoxychlor	2500	U	310	J	2600	U	300	NJ	2200	U
Endrin ketone	480	U	51	U	510	U	43	U	430	U
Endrin aldehyde	210	J	51	U	510	U	43	U	430	U
alpha-Chlordane	230	NJ	170	NJ	260	NJ	130	NJ	140	NJ
gamma-Chlordane	180	NJ	150	J	210	J	98		220	U
Toxaphene	25000	U	2600	U	26000	U	2200	U	22000	U
Aroclor-1016	4800	U	510	U	5100	U	430	U	4300	U
Aroclor-1221	9800	U	1000	U	10000	U	880	U	8800	U
Aroclor-1232	4800	U	510	U	5100	U	430	U	4300	U
Aroclor-1242	4800	U	510	U	5100	U	430	U	4300	U
Aroclor-1248	4800	U	510	U	5100	U	430	U	4300	U
Aroclor-1254	3900	J	800	J	2500	J	1100		770	J
Aroclor-1260	4800	U	510	U	5100	U	430	U	4300	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ48 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ53		BWZ53DL		BWZ54		BWZ54DL		BWZ55	
REGIONAL SAMPLE NUMBER:	BWZ53		** DO NOT USE **		BWZ54		** DO NOT USE **		BWZ55	
SAMPLE LOCATION:	A2-11		A2-11		A2-12		A2-12		A2-13	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		10.0		100.0		10.0	
PERCENT MOISTURE:	22		22		23		23		19	
PES										
alpha-BHC	22	U	220	U	22	U	220	U	21	U
beta-BHC	22	U	220	U	22	U	220	U	21	U
delta-BHC	22	U	220	U	22	U	220	U	21	U
gamma-BHC (Lindane)	22	U	220	U	22	U	220	U	21	U
Heptachlor	22	U	220	U	22	U	220	U	21	U
Aldrin	22	U	220	U	22	U	220	U	21	U
Heptachlor epoxide	40		220	U	40		220	U	27	J
Endosulfan I	22	U	220	U	22	U	220	U	21	U
Dieldrin	42	U	420	U	42	U	420	U	60	NJ
4,4'-DDE	42	U	420	U	42	U	420	U	27	NJ
Endrin	42	U	420	U	42	U	420	U	41	U
Endosulfan II	42	U	420	U	42	U	420	U	41	U
4,4'-DDD	42	U	420	U	42	U	420	U	41	U
Endosulfan sulfate	42	U	420	U	42	U	420	U	41	U
4,4'-DDT	220	J	220	J	210	J	200	J	76	NJ
Methoxychlor	290	J	2200	U	250	NJ	2200	U	140	NJ
Endrin ketone	42	U	420	U	42	U	420	U	41	U
Endrin aldehyde	42	U	420	U	42	U	420	U	41	U
alpha-Chlordane	130	NJ	140	NJ	130	NJ	130	NJ	54	NJ
gamma-Chlordane	120		120	J	120		220	U	51	J
Toxaphene	2200	U	22000	U	2200	U	22000	U	2100	U
Aroclor-1016	420	U	4200	U	420	U	4200	U	410	U
Aroclor-1221	860	U	8600	U	860	U	8600	U	820	U
Aroclor-1232	420	U	4200	U	420	U	4200	U	410	U
Aroclor-1242	420	U	4200	U	420	U	4200	U	410	U
Aroclor-1248	420	U	4200	U	420	U	4200	U	410	U
Aroclor-1254	1000		450	J	1000		720	J	380	J
Aroclor-1260	420	U	4200	U	420	U	4200	U	410	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ48 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ55DL		BWZ56		BWZ56DL		BWZ57		BWZ57DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ56		** DO NOT USE **		BWZ57		** DO NOT USE **	
SAMPLE LOCATION:	A2-13		A2-14		A2-14		A2-15		A2-15	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		10.0		100.0	
PERCENT MOISTURE:	19		22		22		24		24	
PES										
-----										
alpha-BHC	210	U	20	U	200	U	22	U	220	U
beta-BHC	210	U	20	U	200	U	22	U	220	U
delta-BHC	210	U	20	U	200	U	22	U	220	U
gamma-BHC (Lindane)	210	U	20	U	200	U	22	U	220	U
Heptachlor	210	U	20	U	200	U	22	U	220	U
Aldrin	210	U	20	U	200	U	22	U	220	U
Heptachlor epoxide	210	U	43		200	U	33	NJ	220	U
Endosulfan I	210	U	20	U	200	U	22	U	220	U
Dieldrin	410	U	40	U	400	U	120	NJ	130	J
4,4'-DDE	410	U	27	NJ	400	U	51	NJ	420	U
Endrin	410	U	32	NJ	400	U	50	NJ	420	U
Endosulfan II	410	U	40	U	400	U	42	U	420	U
4,4'-DDD	410	U	40	U	400	U	42	U	420	U
Endosulfan sulfate	410	U	40	U	400	U	42	U	420	U
4,4'-DDT	410	U	360	J	370	J	42	R	420	U
Methoxychlor	2100	U	220	NJ	2000	U	220	UJ	2200	U
Endrin ketone	410	U	40	U	400	U	42	U	420	U
Endrin aldehyde	410	U	51	NJ	400	U	63		420	U
alpha-Chlordane	210	U	150	NJ	160	NJ	56	NJ	220	U
gamma-Chlordane	210	U	130		140	J	57	NJ	220	U
Toxaphene	21000	U	2000	U	20000	U	2200	U	22000	U
Aroclor-1016	4100	U	400	U	4000	U	420	U	4200	U
Aroclor-1221	8200	U	800	U	8000	U	850	U	8500	U
Aroclor-1232	4100	U	400	U	4000	U	420	U	4200	U
Aroclor-1242	4100	U	400	U	4000	U	420	U	4200	U
Aroclor-1248	4100	U	400	U	4000	U	420	U	4200	U
Aroclor-1254	570	J	670	J	520	J	850		740	J
Aroclor-1260	4100	U	400	U	4000	U	420	U	4200	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133
SDG No: BWZ48

Site:
Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ58		BWZ58DL		BWZ59		BWZ59DL		BWZ60	
REGIONAL SAMPLE NUMBER:	BWZ58		** DO NOT USE **		BWZ59		** DO NOT USE **		BWZ60	
SAMPLE LOCATION:	A2-16		A2-16		A2-17		A2-17		A2-18	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		10.0		100.0		10.0	
PERCENT MOISTURE:	30		30		26		26		21	
PES										
alpha-BHC	24	U	240	U	22	U	220	U	21	U
beta-BHC	24	U	240	U	22	U	220	U	21	U
delta-BHC	24	U	240	U	22	U	220	U	21	U
gamma-BHC (Lindane)	24	U	240	U	22	U	220	U	21	U
Heptachlor	24	U	240	U	22	U	220	U	21	U
Aldrin	24	U	240	U	22	U	220	U	21	U
Heptachlor epoxide	45		240	U	63	NJ	220	U	21	U
Endosulfan I	24	U	240	U	22	U	220	U	21	U
Dieldrin	76	NJ	460	U	220	NJ	270	J	41	U
4,4'-DDE	34	NJ	460	U	140	NJ	430	U	41	U
Endrin	46	U	460	U	110	J	430	U	41	U
Endosulfan II	46	U	460	U	31	NJ	430	U	41	U
4,4'-DDD	46	U	460	U	43	U	430	U	41	U
Endosulfan sulfate	46	U	460	U	43	U	430	U	41	U
4,4'-DDT	140	J	460	U	670	J	430	U	41	UJ
Methoxychlor	250	J	2400	U	220	UJ	2200	U	210	UJ
Endrin ketone	46	U	460	U	43	U	430	U	41	U
Endrin aldehyde	46	U	460	U	45	NJ	430	U	41	U
alpha-Chlordane	100	NJ	110	NJ	170	NJ	160	NJ	21	U
gamma-Chlordane	100		240	U	150	NJ	220	U	21	U
Toxaphene	2400	U	24000	U	2200	U	22000	U	2100	U
Aroclor-1016	460	U	4600	U	430	U	4300	U	410	U
Aroclor-1221	940	U	9400	U	860	U	8600	U	840	U
Aroclor-1232	460	U	4600	U	430	U	4300	U	410	U
Aroclor-1242	460	U	4600	U	430	U	4300	U	410	U
Aroclor-1248	460	U	4600	U	430	U	4300	U	410	U
Aroclor-1254	320	J	480	J	2000		2600	J	60	J
Aroclor-1260	460	U	4600	U	430	U	4300	U	410	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ48 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ60DL		BWZ61		BWZ61DL		BWZ62		BWZ62DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ61		** DO NOT USE **		BWZ62		** DO NOT USE **	
SAMPLE LOCATION:	A2-18		A2-19		A2-19		A2-20		A2-20	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		10.0		100.0	
PERCENT MOISTURE:	21		46		46		41		41	
PES										
---										
alpha-BHC	210	U	31	U	310	U	28	U	280	U
beta-BHC	210	U	31	U	310	U	28	U	280	U
delta-BHC	210	U	31	U	310	U	28	U	280	U
gamma-BHC (Lindane)	210	U	31	U	310	U	28	U	280	U
Heptachlor	210	U	31	U	310	U	28	U	280	U
Aldrin	210	U	31	U	310	U	28	U	280	U
Heptachlor epoxide	210	U	31	U	310	U	28	U	280	U
Endosulfan I	210	U	31	U	310	U	28	U	280	U
Dieldrin	410	U	48	NJ	610	U	55	U	550	U
4,4'-DDE	410	U	61	U	610	U	55	U	550	U
Endrin	410	U	61	U	610	U	55	U	550	U
Endosulfan II	410	U	61	U	610	U	55	U	550	U
4,4'-DDD	410	U	61	U	610	U	55	U	550	U
Endosulfan sulfate	410	U	61	U	610	U	55	U	550	U
4,4'-DDT	410	U	170	J	610	U	55	UJ	550	U
Methoxychlor	2100	U	310	UJ	3100	U	280	UJ	2800	U
Endrin ketone	410	U	61	U	610	U	55	U	550	U
Endrin aldehyde	410	U	61	U	610	U	55	U	550	U
alpha-Chlordane	210	U	56	NJ	310	U	34	J	280	U
gamma-Chlordane	210	U	48	J	310	U	28	U	280	U
Toxaphene	21000	U	3100	U	31000	U	2800	U	28000	U
Aroclor-1016	4100	U	610	U	6100	U	550	U	5500	U
Aroclor-1221	8400	U	1200	U	12000	U	1100	U	11000	U
Aroclor-1232	4100	U	610	U	6100	U	550	U	5500	U
Aroclor-1242	4100	U	610	U	6100	U	550	U	5500	U
Aroclor-1248	4100	U	610	U	6100	U	550	U	5500	U
Aroclor-1254	200	J	580	J	670	J	180	J	2100	J
Aroclor-1260	4100	U	610	U	6100	U	550	U	5500	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ48 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ63		BWZ63DL		BWZ96		BWZ96DL		BWZ97	
REGIONAL SAMPLE NUMBER:	BWZ63		** DO NOT USE **		BWZ96		** DO NOT USE **		BWZ97	
SAMPLE LOCATION:	A2-21		A2-21		A4-01		A4-01		A4-02	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	26		26		27		27		6	
PES										
-----										
alpha-BHC	2.2	U	22	U	2.3	U	23	U	1.8	U
beta-BHC	2.2	UJ	22	U	2.3	UJ	23	U	1.8	UJ
delta-BHC	2.2	U	22	U	2.3	U	23	U	1.8	U
gamma-BHC (Lindane)	2.2	U	22	U	2.3	U	23	U	1.8	U
Heptachlor	2.2	U	22	U	2.3	U	23	U	1.8	U
Aldrin	2.2	U	22	U	2.3	U	23	U	1.8	U
Heptachlor epoxide	8.7	NJ	22	U	2.3	U	23	U	1.8	U
Endosulfan I	2.2	U	22	U	2.3	U	23	U	1.8	U
Dieldrin	14	NJ	18	NJ	4.5	U	45	U	3.5	U
4,4'-DDE	12	NJ	44	U	4.5	NJ	45	U	3.5	U
Endrin	6.7	NJ	44	U	9.2	J	45	U	3.5	UJ
Endosulfan II	4.4	U	44	U	10		45	U	3.5	U
4,4'-DDD	4.4	U	25	NJ	9.8	NJ	45	U	3.5	U
Endosulfan sulfate	9.5	NJ	44	U	4.5	U	45	U	3.5	U
4,4'-DDT	33	J	48	J	23	J	20	NJ	3.5	UJ
Methoxychlor	15	NJ	90	J	23	UJ	230	U	18	UJ
Endrin ketone	4.4	U	44	U	4.5	U	45	U	3.5	U
Endrin aldehyde	9.4	NJ	44	U	4.5	U	45	U	3.5	U
alpha-Chlordane	24	NJ	31	NJ	4.4	J	23	U	1.8	U
gamma-Chlordane	25		22	J	2.3	U	23	U	1.8	U
Toxaphene	220	U	2200	U	230	U	2300	U	180	U
Aroclor-1016	44	U	440	U	45	U	450	U	35	U
Aroclor-1221	89	U	890	U	91	U	910	U	70	U
Aroclor-1232	44	U	440	U	45	U	450	U	35	U
Aroclor-1242	44	U	440	U	45	U	450	U	35	U
Aroclor-1248	44	U	440	U	45	U	450	U	35	U
Aroclor-1254	480	DJ	480	J	45	U	450	U	35	U
Aroclor-1260	44	U	440	U	45	U	450	U	35	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ48 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ97DL		BWZ98		BWZ98DL		BWZ99		BWZ99DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ98		** DO NOT USE **		BWZ99		** DO NOT USE **	
SAMPLE LOCATION:	A4-02		A4-03		A4-03		A4-04		A4-04	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		10.0	
PERCENT MOISTURE:	6		16		16		10		10	
PES										
alpha-BHC	18	U	2.0	U	20	U	1.8	U	18	U
beta-BHC	18	U	2.0	UJ	20	U	1.8	UJ	18	U
delta-BHC	18	U	2.0	U	20	U	1.8	U	18	U
gamma-BHC (Lindane)	18	U	2.0	U	20	U	1.8	U	18	U
Heptachlor	18	U	2.0	U	20	U	1.8	U	18	U
Aldrin	18	U	2.0	U	20	U	1.8	U	18	U
Heptachlor epoxide	18	U	2.0	U	20	U	1.8	U	18	U
Endosulfan I	18	U	2.0	U	20	U	1.8	U	18	U
Dieldrin	35	U	4.3	NJ	39	U	7.3	NJ	12	NJ
4,4'-DDE	35	U	19	NJ	17	J	7.3	NJ	36	U
Endrin	35	U	3.9	UJ	39	U	3.6	UJ	36	U
Endosulfan II	35	U	3.9	U	39	U	3.6	U	36	U
4,4'-DDD	35	U	3.9	U	39	U	7.5	NJ	36	U
Endosulfan sulfate	35	U	3.9	U	39	U	3.6	U	36	U
4,4'-DDT	8.9	J	28	J	34	J	30	J	40	J
Methoxychlor	180	U	20	UJ	200	U	18	UJ	180	U
Endrin ketone	35	U	3.9	U	39	U	3.6	U	12	J
Endrin aldehyde	35	U	5.2	NJ	39	U	8.3	J	8.5	J
alpha-Chlordane	18	U	2.0	U	20	U	4.5	J	18	U
gamma-Chlordane	18	U	2.0	U	20	U	5.4	J	18	U
Toxaphene	1800	U	200	U	2000	U	180	U	1800	U
Aroclor-1016	350	U	39	U	390	U	36	U	360	U
Aroclor-1221	700	U	80	U	800	U	73	U	730	U
Aroclor-1232	350	U	39	U	390	U	36	U	360	U
Aroclor-1242	350	U	39	U	390	U	36	U	360	U
Aroclor-1248	350	U	39	U	390	U	36	U	360	U
Aroclor-1254	350	U	80	J	96	J	100	J	160	J
Aroclor-1260	350	U	39	U	390	U	36	U	360	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ48 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BXA00		BXA00DL		PBLKSA		PBLKSB		PBLKSC	
REGIONAL SAMPLE NUMBER:	BXA00		** DO NOT USE **							
SAMPLE LOCATION:	A4-05		A4-05							
SAMPLE TYPE:	Routine Sample		Routine Sample		Method Blank		Method Blank		Method Blank	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		1.0		1.0	
PERCENT MOISTURE:	9		9		0		0		0	
PES										
alpha-BHC	1.9	U	18	U	1.7	U	1.7	U	1.7	U
beta-BHC	1.9	UJ	18	U	1.7	U	1.7	U	1.7	U
delta-BHC	1.9	U	18	U	1.7	U	1.7	U	1.7	U
gamma-BHC (Lindane)	1.9	U	18	U	1.7	U	1.7	U	1.7	U
Heptachlor	1.9	U	18	U	1.7	U	1.7	U	1.7	U
Aldrin	1.9	U	18	U	1.7	U	1.7	U	1.7	U
Heptachlor epoxide	1.9	U	18	U	1.7	U	1.7	U	1.7	U
Endosulfan I	1.9	U	18	U	1.7	U	1.7	U	1.7	U
Dieldrin	3.6	NJ	36	U	3.3	U	3.3	U	3.3	U
4,4'-DDE	2.8	NJ	36	U	3.3	U	3.3	U	3.3	U
Endrin	3.6	UJ	36	U	3.3	U	3.3	U	3.3	U
Endosulfan II	3.6	U	36	U	3.3	U	3.3	U	3.3	U
4,4'-DDD	4.9	NJ	36	U	3.3	U	3.3	U	3.3	U
Endosulfan sulfate	3.6	U	36	U	3.3	U	3.3	U	3.3	U
4,4'-DDT	40	J	42		3.3	U	3.3	U	3.3	U
Methoxychlor	18	UJ	180	U	17	U	17	U	17	U
Endrin ketone	3.6	U	36	U	3.3	U	3.3	U	3.3	U
Endrin aldehyde	4.3	NJ	36	U	3.3	U	3.3	U	3.3	U
alpha-Chlordane	1.9	U	18	U	1.7	U	1.7	U	1.7	U
gamma-Chlordane	2.8	J	18	U	1.7	U	1.7	U	1.7	U
Toxaphene	180	U	1800	U	170	U	170	U	170	U
Aroclor-1016	36	U	360	U	33	U	33	U	33	U
Aroclor-1221	73	U	730	U	67	U	67	U	67	U
Aroclor-1232	36	U	360	U	33	U	33	U	33	U
Aroclor-1242	36	U	360	U	33	U	33	U	33	U
Aroclor-1248	36	U	360	U	33	U	33	U	33	U
Aroclor-1254	60	J	99	J	33	U	33	U	33	U
Aroclor-1260	36	U	360	U	33	U	33	U	33	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

D=TRANSFER FROM DILUTION
** ONLY PCB DATA WERE VALIDATED **

FILE NAME: BXA01 DATE: 07/15/99 TIME: 15:48

CRITERIA FILE: REG0295

DATA

	Original	X	Qualified

QUALIFICATIONS PERFORMED

X	Quantitation Limit		CRDL Standards
X	Percent Moisture		ICS
X	Holding Time		LCS
X	Calibrations		Duplicates
X	Matrix Spikes		Furnace AA QC
	IPC		ICP Serial Dilutions
	Internal Standards		Sample Results Verification
X	SMC/Surrogates	X	Laboratory Blanks
X	System Performance		Field QC
	Sample Cleanup		

PRINT NON-DETECTS

X	Yes		No

PRINT REJECTED RESULTS

X	Yes		No

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ64		BWZ64DL		BWZ65		BWZ65DL		BWZ66	
REGIONAL SAMPLE NUMBER:	BWZ64		**DO NOT USE**		BWZ65		**DO NOT USE**		BWZ66	
SAMPLE LOCATION:	A3-01		A3-01		A3-02		A3-02		A3-03	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		10.0		100.0		10.0	
PERCENT MOISTURE:	25		25		25		25		35	
PES										
alpha-BHC	22	U	220	U	22	U	220	U	26	U
beta-BHC	22	U	220	U	22	U	220	U	26	U
delta-BHC	22	U	220	U	22	U	220	U	26	U
gamma-BHC (Lindane)	22	U	220	U	22	U	220	U	26	U
Heptachlor	22	U	220	U	22	U	220	U	26	U
Aldrin	22	U	220	U	22	U	220	U	26	U
Heptachlor epoxide	22	U	220	U	16	NJ	220	U	12	NJ
Endosulfan I	22	U	220	U	22	U	220	U	26	U
Dieldrin	160		190	NJ	170	NJ	210	NJ	140	NJ
4,4'-DDE	130	NJ	140	NJ	140	NJ	160	NJ	110	
Endrin	130	NJ	440	U	140	NJ	420	U	140	NJ
Endosulfan II	51	NJ	440	U	33	NJ	420	U	37	NJ
4,4'-DDD	57	NJ	440	U	37	NJ	420	U	41	NJ
Endosulfan sulfate	100	J	100	J	110		110	NJ	100	
4,4'-DDT	59	NJ	440	U	57	NJ	420	U	51	R
Methoxychlor	52	J	2200	U	52	NJ	2200	U	49	NJ
Endrin ketone	44	U	440	U	42	U	420	U	51	U
Endrin aldehyde	87	NJ	110	NJ	83	NJ	180	J	84	NJ
alpha-Chlordane	160	NJ	260		170	NJ	290		180	NJ
gamma-Chlordane	190	NJ	290	NJ	200	NJ	310	NJ	180	NJ
Toxaphene	2200	U	22000	U	2200	U	22000	U	2600	U
Aroclor-1016	440	U	4400	U	420	U	4200	U	510	U
Aroclor-1221	890	U	8900	U	860	U	8600	U	1000	U
Aroclor-1232	440	U	4400	U	420	U	4200	U	510	U
Aroclor-1242	440	U	4400	U	420	U	4200	U	510	U
Aroclor-1248	440	U	4400	U	420	U	4200	U	510	U
Aroclor-1254	4600		6800		4700		7400		4000	
Aroclor-1260	440	U	4400	U	420	U	4200	U	510	U

FILE NAME: BXA01 DATE: 07/15/99 TIME: 15:48 CADRE98 PAGE: 1

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ66DL		BWZ68		BWZ68DL		BXA01		BXA01DL	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BWZ68		**DO NOT USE**		BXA01		**DO NOT USE**	
SAMPLE LOCATION:	A3-03		A3-05		A3-05		A4-06		A4-06	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		1.0		10.0	
PERCENT MOISTURE:	35		38		38		8		8	
PES										
alpha-BHC	260	U	27	U	270	U	1.8	U	18	U
beta-BHC	260	U	27	U	270	U	1.8	UJ	18	U
delta-BHC	260	U	27	U	270	U	1.8	U	18	U
gamma-BHC (Lindane)	260	U	27	U	270	U	1.8	U	18	U
Heptachlor	260	U	27	U	270	U	1.8	U	18	U
Aldrin	260	U	27	U	270	U	1.8	U	18	U
Heptachlor epoxide	260	U	15	NJ	270	U	1.8	U	18	U
Endosulfan I	260	U	27	U	270	U	1.8	U	18	U
Dieldrin	170	NJ	120	NJ	530	U	3.6	U	36	U
4,4'-DDE	510	U	100	NJ	530	U	3.6	U	36	U
Endrin	510	U	53	U	530	U	3.6	UJ	36	U
Endosulfan II	510	U	33	NJ	530	U	3.6	U	36	U
4,4'-DDD	510	U	38	NJ	530	U	3.6	U	36	U
Endosulfan sulfate	510	U	79		530	U	3.6	U	36	U
4,4'-DDT	510	U	120	NJ	530	U	7.7	J	12	J
Methoxychlor	2600	U	51	J	2700	U	18	UJ	180	U
Endrin ketone	510	U	53	U	530	U	3.6	U	36	U
Endrin aldehyde	100	NJ	42	NJ	530	U	3.6	U	36	U
alpha-Chlordane	300		180	NJ	220	J	1.8	U	18	U
gamma-Chlordane	270	NJ	190	NJ	260	J	5.0	J	18	U
Toxaphene	26000	U	2700	U	27000	U	180	U	1800	U
Aroclor-1016	5100	U	530	U	5300	U	36	U	360	U
Aroclor-1221	10000	U	1100	U	11000	U	72	U	720	U
Aroclor-1232	5100	U	530	U	5300	U	36	U	360	U
Aroclor-1242	5100	U	530	U	5300	U	36	U	360	U
Aroclor-1248	5100	U	530	U	5300	U	36	U	360	U
Aroclor-1254	5800		3400		5000	J	36	U	360	U
Aroclor-1260	5100	U	530	U	5300	U	36	U	360	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133
SDG No: BXA01

Site:
Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BXA02		BXA02DL		BXA03		BXA03DL		BXA04	
REGIONAL SAMPLE NUMBER:	BXA02		**DO NOT USE**		BXA03		**DO NOT USE**		BXA04	
SAMPLE LOCATION:	A4-07		A4-07		A4-08		A4-08		A4-09	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	9		9		9		9		7	
PES										
alpha-BHC	1.8	U	18	U	1.8	U	18	U	1.8	U
beta-BHC	1.8	UJ	18	U	1.8	UJ	18	U	1.8	UJ
delta-BHC	1.8	U	18	U	1.8	U	18	U	1.8	U
gamma-BHC (Lindane)	1.8	U	18	U	1.8	U	18	U	1.8	U
Heptachlor	1.8	U	18	U	1.8	U	18	U	1.8	U
Aldrin	1.8	U	18	U	1.8	U	18	U	1.8	U
Heptachlor epoxide	1.8	U	18	U	1.8	U	18	U	1.8	U
Endosulfan I	1.8	U	18	U	1.8	U	18	U	1.8	U
Dieldrin	13		16	NJ	9.2	NJ	13	NJ	3.5	U
4,4'-DDE	5.5	NJ	36	U	5.6	NJ	36	U	3.5	U
Endrin	3.6	UJ	36	U	3.6	UJ	36	U	10	J
Endosulfan II	3.6	U	36	U	3.6	U	36	U	15	
4,4'-DDD	3.6	U	36	U	3.6	U	36	U	3.5	U
Endosulfan sulfate	3.6	U	36	U	3.6	U	36	U	3.5	U
4,4'-DDT	9.3	J	20	NJ	29	J	41		23	J
Methoxychlor	18	UJ	180	U	18	UJ	180	U	21	NJ
Endrin ketone	3.6	U	36	U	3.6	U	36	U	12	
Endrin aldehyde	3.6	U	36	U	3.6	U	36	U	13	
alpha-Chlordane	1.8	U	18	U	1.8	U	18	U	5.2	
gamma-Chlordane	5.2	J	18	U	5.7		18	U	6.2	NJ
Toxaphene	180	U	1800	U	180	U	1800	U	180	U
Aroclor-1016	36	U	360	U	36	U	360	U	35	U
Aroclor-1221	73	U	730	U	73	U	730	U	72	U
Aroclor-1232	36	U	360	U	36	U	360	U	35	U
Aroclor-1242	36	U	360	U	36	U	360	U	35	U
Aroclor-1248	36	U	360	U	36	U	360	U	35	U
Aroclor-1254	74	J	140	J	130	J	200	J	98	J
Aroclor-1260	36	U	360	U	36	U	360	U	35	U

FILE NAME: BXA01 DATE: 07/15/99 TIME: 15:48 CADRE98 PAGE: 3

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BXA04DL		BXA05		BXA05DL		BXA05MS		BXA05MSD	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BXA05		**DO NOT USE**		BXA05MS		BXA05MSD	
SAMPLE LOCATION:	A4-09		A4-10		A4-10		A4-10		A4-10	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Matrix Spike		Matrix Spike Dup	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		1.0	
PERCENT MOISTURE:	7		5		5		5		5	
PES										
alpha-BHC	1.3	J	1.8	U	18	U	1.7	U	1.8	U
beta-BHC	18	U	1.8	UJ	18	U	1.7	UJ	1.8	UJ
delta-BHC	18	U	1.8	U	18	U	1.7	U	1.8	U
gamma-BHC (Lindane)	18	U	1.8	U	18	U	18		19	
Heptachlor	18	U	1.8	U	18	U	16		19	
Aldrin	18	U	1.8	U	18	U	19		21	
Heptachlor epoxide	18	U	1.8	U	18	U	1.7	U	1.8	U
Endosulfan I	18	U	1.8	U	18	U	1.7	U	1.8	U
Dieldrin	35	U	3.4	U	34	U	37		42	
4,4'-DDE	35	U	3.4	U	34	U	3.4	U	3.4	U
Endrin	14	J	7.7	J	34	U	37	J	44	J
Endosulfan II	18	J	8.2	J	34	U	7.3		8.2	
4,4'-DDD	35	U	3.4	U	34	U	3.4	U	3.4	U
Endosulfan sulfate	35	U	3.4	U	34	U	3.4	U	3.4	U
4,4'-DDT	30	J	14	NJ	17	J	48	J	54	J
Methoxychlor	38	NJ	18	UJ	180	U	17	UJ	18	UJ
Endrin ketone	17	J	3.4	U	34	U	1.4	NJ	4.7	J
Endrin aldehyde	6.9	NJ	7.2	J	34	U	2.3	NJ	2.6	NJ
alpha-Chlordane	18	U	1.8	U	18	U	1.7	U	1.8	U
gamma-Chlordane	18	U	1.8	U	18	U	1.7	U	1.8	U
Toxaphene	1800	U	180	U	1800	U	170	U	180	U
Aroclor-1016	350	U	34	U	340	U	34	U	34	U
Aroclor-1221	720	U	69	U	690	U	68	U	70	U
Aroclor-1232	350	U	34	U	340	U	34	U	34	U
Aroclor-1242	350	U	34	U	340	U	34	U	34	U
Aroclor-1248	350	U	34	U	340	U	34	U	34	U
Aroclor-1254	140	J	55	J	98	J	91	J	100	J
Aroclor-1260	350	U	34	U	340	U	34	U	34	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BXA06		BXA06DL		BXA07		BXA07DL		BXA08	
REGIONAL SAMPLE NUMBER:	BXA06		**DO NOT USE**		BXA07		**DO NOT USE**		BXA08	
SAMPLE LOCATION:	A4-11		A4-11		A4-12		A4-12		A4-13	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	9		9		7		7		12	
PES										
alpha-BHC	1.8	U	18	U	1.7	U	17	U	1.9	U
beta-BHC	1.8	UJ	18	U	1.7	UJ	17	U	1.9	UJ
delta-BHC	1.8	U	18	U	1.7	U	17	U	1.9	U
gamma-BHC (Lindane)	1.8	U	18	U	1.7	U	17	U	1.9	U
Heptachlor	1.8	U	18	U	1.7	U	17	U	1.9	U
Aldrin	1.8	U	18	U	1.7	U	17	U	1.9	U
Heptachlor epoxide	1.8	U	18	U	1.7	U	17	U	1.9	U
Endosulfan I	1.8	U	18	U	1.7	U	17	U	1.9	U
Dieldrin	3.6	NJ	35	U	3.4	U	34	U	3.8	U
4,4'-DDE	3.5	U	35	U	3.4	U	34	U	3.8	U
Endrin	12	J	15	J	9.9	J	13	J	5.2	J
Endosulfan II	11	J	12	J	12		14	J	3.8	U
4,4'-DDD	3.5	U	35	U	3.4	U	34	U	3.8	U
Endosulfan sulfate	3.5	U	35	U	3.4	U	34	U	3.8	U
4,4'-DDT	33	J	38	J	29	J	32	J	18	J
Methoxychlor	16	J	180	U	17	UJ	170	U	19	UJ
Endrin ketone	3.5	U	35	U	3.4	U	34	U	3.8	U
Endrin aldehyde	3.5	U	35	U	2.8	NJ	34	U	3.8	U
alpha-Chlordane	1.8	U	18	U	1.7	U	17	U	1.9	U
gamma-Chlordane	1.8	U	18	U	1.7	U	17	U	1.9	U
Toxaphene	180	U	1800	U	170	U	1700	U	190	U
Aroclor-1016	35	U	350	U	34	U	340	U	38	U
Aroclor-1221	72	U	720	U	68	U	680	U	76	U
Aroclor-1232	35	U	350	U	34	U	340	U	38	U
Aroclor-1242	35	U	350	U	34	U	340	U	38	U
Aroclor-1248	35	U	350	U	34	U	340	U	38	U
Aroclor-1254	96	J	120	J	93	J	130	J	38	U
Aroclor-1260	35	U	350	U	34	U	340	U	38	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BXA08DL		BXA09		BXA09DL		BXA10		BXA10DL	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BXA09		**DO NOT USE**		BXA10		**DO NOT USE**	
SAMPLE LOCATION:	A4-13		A4-14		A4-14		A4-15		A4-15	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		10.0	
PERCENT MOISTURE:	12		13		13		12		12	
PES										
alpha-BHC	19	U	1.9	U	19	U	1.9	U	19	U
beta-BHC	19	U	1.9	UJ	19	U	1.9	UJ	19	U
delta-BHC	19	U	1.9	U	19	U	1.9	U	19	U
gamma-BHC (Lindane)	19	U	1.9	U	19	U	1.9	U	19	U
Heptachlor	19	U	1.9	U	19	U	1.9	U	19	U
Aldrin	19	U	1.9	U	19	U	1.9	U	19	U
Heptachlor epoxide	19	U	1.9	U	19	U	1.9	U	19	U
Endosulfan I	19	U	1.9	U	19	U	1.9	U	19	U
Dieldrin	38	U	3.7	NJ	38	U	6.5	NJ	9.2	NJ
4,4'-DDE	38	U	9.5	NJ	8.5	J	5.8	NJ	37	U
Endrin	38	U	13	NJ	17	NJ	22	NJ	36	J
Endosulfan II	38	U	19		24	J	33		49	
4,4'-DDD	38	U	10	NJ	38	U	9.5	NJ	22	NJ
Endosulfan sulfate	38	U	3.8	U	38	U	3.7	U	37	U
4,4'-DDT	16	J	54	J	62	J	72	J	98	J
Methoxychlor	190	U	19	UJ	190	U	24	NJ	190	U
Endrin ketone	38	U	9.1	J	38	U	3.7	U	25	J
Endrin aldehyde	38	U	3.8	U	38	U	4.1	J	14	NJ
alpha-Chlordane	19	U	1.1	NJ	19	U	12		17	J
gamma-Chlordane	19	U	6.6	NJ	19	U	11		20	J
Toxaphene	1900	U	190	U	1900	U	190	U	1900	U
Aroclor-1016	380	U	38	U	380	U	37	U	370	U
Aroclor-1221	760	U	76	U	760	U	74	U	740	U
Aroclor-1232	380	U	38	U	380	U	37	U	370	U
Aroclor-1242	380	U	38	U	380	U	37	U	370	U
Aroclor-1248	380	U	38	U	380	U	37	U	370	U
Aroclor-1254	380	U	140	J	170	J	210		280	J
Aroclor-1260	380	U	38	U	380	U	37	U	370	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BXA11		BXA11DL		BXA12		BXA12DL		BXA13	
REGIONAL SAMPLE NUMBER:	BXA11		**DO NOT USE**		BXA12		**DO NOT USE**		BXA13	
SAMPLE LOCATION:	A4-16		A4-16		A4-17		A4-17		A4-18	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		10.0		1.0	
PERCENT MOISTURE:	15		15		15		15		12	
PES										
alpha-BHC	1.9	U	19	U	2.0	U	19	U	1.9	U
beta-BHC	1.9	UJ	19	U	2.0	UJ	19	U	1.9	UJ
delta-BHC	1.9	U	19	U	2.0	U	19	U	1.9	U
gamma-BHC (Lindane)	1.9	U	19	U	2.0	U	19	U	1.9	U
Heptachlor	1.9	U	19	U	2.0	U	19	U	1.9	U
Aldrin	1.9	U	19	U	2.0	U	19	U	1.9	U
Heptachlor epoxide	1.9	U	19	U	2.0	U	19	U	1.9	U
Endosulfan I	1.9	U	19	U	2.0	U	19	U	1.9	U
Dieldrin	4.4	NJ	37	U	4.1	NJ	38	U	3.6	U
4,4'-DDE	3.7	U	37	U	3.8	U	38	U	3.6	U
Endrin	16	J	21	J	11	NJ	15	NJ	3.6	UJ
Endosulfan II	27		38		17		18	J	3.6	U
4,4'-DDD	5.8	NJ	37	U	6.0	NJ	38	U	3.6	U
Endosulfan sulfate	3.7	U	37	U	3.8	U	38	U	3.6	U
4,4'-DDT	51	J	67	J	39	J	47	J	3.6	UJ
Methoxychlor	26	J	190	U	19	UJ	190	U	19	UJ
Endrin ketone	3.7	U	37	U	3.8	U	38	U	3.6	U
Endrin aldehyde	5.6	NJ	21	NJ	11	J	38	U	3.6	U
alpha-Chlordane	10		19	U	6.0		19	U	1.9	U
gamma-Chlordane	11		15	J	7.6		19	U	1.9	U
Toxaphene	190	U	1900	U	190	U	1900	U	190	U
Aroclor-1016	37	U	370	U	38	U	380	U	36	U
Aroclor-1221	76	U	760	U	77	U	770	U	74	U
Aroclor-1232	37	U	370	U	38	U	380	U	36	U
Aroclor-1242	37	U	370	U	38	U	380	U	36	U
Aroclor-1248	37	U	370	U	38	U	380	U	36	U
Aroclor-1254	140	J	230	J	130	J	180	J	36	U
Aroclor-1260	37	U	370	U	38	U	380	U	36	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BXA13DL		BXA14		BXA14DL		BXA15		BXA15DL	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BXA14		**DO NOT USE**		BXA15		**DO NOT USE**	
SAMPLE LOCATION:	A4-18		A4-19		A4-19		A4-20		A4-20	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		1.0		10.0		1.0		10.0	
PERCENT MOISTURE:	12		9		9		24		24	
PES										
alpha-BHC	19	U	1.8	U	18	U	2.2	U	22	U
beta-BHC	19	U	1.8	UJ	18	U	2.2	UJ	22	U
delta-BHC	19	U	1.8	U	18	U	2.2	U	22	U
gamma-BHC (Lindane)	19	U	1.8	U	18	U	2.2	U	0.90	NJ
Heptachlor	19	U	1.8	U	18	U	2.2	U	22	U
Aldrin	19	U	1.8	U	18	U	2.2	U	22	U
Heptachlor epoxide	19	U	1.8	U	18	U	2.2	U	22	U
Endosulfan I	19	U	1.8	U	18	U	2.2	U	22	U
Dieldrin	36	U	3.5	U	35	U	4.3	U	43	U
4,4'-DDE	36	U	3.3	NJ	35	U	4.3	U	43	U
Endrin	36	U	3.5	UJ	35	U	4.3	UJ	43	U
Endosulfan II	36	U	5.3		35	U	10		43	U
4,4'-DDD	36	U	3.5	U	35	U	4.3	U	43	U
Endosulfan sulfate	36	U	3.5	U	35	U	4.3	U	43	U
4,4'-DDT	36	U	13	J	17	J	6.5	NJ	43	U
Methoxychlor	190	U	18	UJ	180	U	22	UJ	220	U
Endrin ketone	36	U	3.5	U	35	U	4.3	U	43	U
Endrin aldehyde	36	U	3.5	U	35	U	4.3	U	43	U
alpha-Chlordane	19	U	1.8	U	18	U	2.2	U	22	U
gamma-Chlordane	19	U	1.8	U	18	U	4.0	NJ	22	U
Toxaphene	1900	U	180	U	1800	U	220	U	2200	U
Aroclor-1016	360	U	35	U	350	U	43	U	430	U
Aroclor-1221	740	U	72	U	720	U	88	U	880	U
Aroclor-1232	360	U	35	U	350	U	43	U	430	U
Aroclor-1242	360	U	35	U	350	U	43	U	430	U
Aroclor-1248	360	U	35	U	350	U	43	U	430	U
Aroclor-1254	360	U	40		58	J	55		95	J
Aroclor-1260	360	U	35	U	350	U	43	U	430	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BXA16		BXA16DL		PBLKSB		PBLKSC		PBLKSE	
REGIONAL SAMPLE NUMBER:	BXA16		**DO NOT USE**							
SAMPLE LOCATION:	A4-21		A4-21							
SAMPLE TYPE:	Routine Sample		Routine Sample		Method Blank		Method Blank		Method Blank	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	1.0		10.0		1.0		1.0		1.0	
PERCENT MOISTURE:	18		18		0		0		0	
PES										
-----										
alpha-BHC	2.0	U	20	U	1.7	U	1.7	U	1.7	U
beta-BHC	2.0	UJ	20	U	1.7	U	1.7	U	1.7	U
delta-BHC	2.0	U	20	U	1.7	U	1.7	U	1.7	U
gamma-BHC (Lindane)	2.0	U	0.460	NJ	1.7	U	1.7	U	1.7	U
Heptachlor	2.0	U	20	U	1.7	U	1.7	U	1.7	U
Aldrin	2.0	U	20	U	1.7	U	1.7	U	1.7	U
Heptachlor epoxide	2.0	U	20	U	1.7	U	1.7	U	1.7	U
Endosulfan I	2.0	U	20	U	1.7	U	1.7	U	1.7	U
Dieldrin	3.9	U	39	U	3.3	U	3.3	U	3.3	U
4,4'-DDE	3.9	U	39	U	3.3	U	3.3	U	3.3	U
Endrin	3.9	UJ	39	U	3.3	U	3.3	U	3.3	U
Endosulfan II	3.9	U	39	U	3.3	U	3.3	U	3.3	U
4,4'-DDD	3.9	U	39	U	3.3	U	3.3	U	3.3	U
Endosulfan sulfate	3.9	U	39	U	3.3	U	3.3	U	3.3	U
4,4'-DDT	3.9	UJ	39	U	3.3	U	3.3	U	3.3	U
Methoxychlor	24	NJ	200	U	17	U	17	U	17	U
Endrin ketone	3.9	U	39	U	3.3	U	3.3	U	3.3	U
Endrin aldehyde	3.9	U	39	U	3.3	U	3.3	U	3.3	U
alpha-Chlordane	2.0	U	20	U	1.7	U	1.7	U	1.7	U
gamma-Chlordane	2.0	U	20	U	1.7	U	1.7	U	1.7	U
Toxaphene	200	U	2000	U	170	U	170	U	170	U
Aroclor-1016	39	U	390	U	33	U	33	U	33	U
Aroclor-1221	79	U	790	U	67	U	67	U	67	U
Aroclor-1232	39	U	390	U	33	U	33	U	33	U
Aroclor-1242	39	U	390	U	33	U	33	U	33	U
Aroclor-1248	39	U	390	U	33	U	33	U	33	U
Aroclor-1254	39	U	390	U	33	U	33	U	33	U
Aroclor-1260	39	U	390	U	33	U	33	U	33	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BXA01 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	PBLKSH					
REGIONAL SAMPLE NUMBER:						
SAMPLE LOCATION:						
SAMPLE TYPE:	Method Blank					
MATRIX/ANALYSIS:	Soil					
DILUTION FACTOR:	1.0					
PERCENT MOISTURE:	0					
PES						
---						
alpha-BHC	1.7	U				
beta-BHC	1.7	U				
delta-BHC	1.7	U				
gamma-BHC (Lindane)	1.7	U				
Heptachlor	1.7	U				
Aldrin	1.7	U				
Heptachlor epoxide	1.7	U				
Endosulfan I	1.7	U				
Dieldrin	3.3	U				
4,4'-DDE	3.3	U				
Endrin	3.3	U				
Endosulfan II	3.3	U				
4,4'-DDD	3.3	U				
Endosulfan sulfate	3.3	U				
4,4'-DDT	3.3	U				
Methoxychlor	17	U				
Endrin ketone	3.3	U				
Endrin aldehyde	3.3	U				
alpha-Chlordane	1.7	U				
gamma-Chlordane	1.7	U				
Toxaphene	170	U				
Aroclor-1016	33	U				
Aroclor-1221	67	U				
Aroclor-1232	33	U				
Aroclor-1242	33	U				
Aroclor-1248	33	U				
Aroclor-1254	33	U				
Aroclor-1260	33	U				

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

* * * * * ONLY PCB DATA WERE VALIDATED * * * * *

FILE NAME: BWZ67 DATE: 07/14/99 TIME: 15:21

CRITERIA FILE: REG0295

DATA

	Original	X	Qualified

QUALIFICATIONS PERFORMED

X	Quantitation Limit		CRDL Standards
X	Percent Moisture		ICS
X	Holding Time		LCS
X	Calibrations		Duplicates
X	Matrix Spikes		Furnace AA QC
	IPC		ICP Serial Dilutions
	Internal Standards		Sample Results Verification
X	SMC/Surrogates	X	Laboratory Blanks
X	System Performance		Field QC
	Sample Cleanup		

PRINT NON-DETECTS

X	Yes		No

PRINT REJECTED RESULTS

X	Yes		No

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ67 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ67		BWZ67DL		BWZ67MS		BWZ67MSD		BWZ69	
REGIONAL SAMPLE NUMBER:	BWZ67		** DO NOT USE **		BWZ67MS		BWZ67MSD		BWZ69	
SAMPLE LOCATION:	A3-04		A3-04		A3-04		A3-04		A3-06	
SAMPLE TYPE:	Routine Sample		Routine Sample		Matrix Spike		Matrix Spike Dup		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		10.0		10.0		10.0	
PERCENT MOISTURE:	23		23		23		23		26	
PES										
---										
alpha-BHC	20	U	200	U	22	U	22	U	22	U
beta-BHC	20	U	200	U	22	U	22	U	22	U
delta-BHC	20	U	200	U	22	U	22	U	22	U
gamma-BHC (Lindane)	20	U	200	U	8.2	NJ	9.6	NJ	22	U
Heptachlor	20	U	200	U	16	NJ	17	NJ	22	U
Aldrin	20	U	200	U	14	NJ	15	NJ	22	U
Heptachlor epoxide	13	NJ	200	U	22	U	22	U	22	U
Endosulfan I	20	U	200	U	22	U	22	U	22	U
Dieldrin	160	NJ	180	NJ	74	NJ	75	NJ	140	NJ
4,4'-DDE	130		150	NJ	140	NJ	140	NJ	110	NJ
Endrin	40	U	400	U	220	J	200	J	43	U
Endosulfan II	37	NJ	400	U	42	NJ	41	NJ	29	NJ
4,4'-DDD	42	NJ	400	U	47	NJ	46	NJ	32	NJ
Endosulfan sulfate	100	J	97	NJ	120		120		88	
4,4'-DDT	40	R	400	U	210	NJ	200	NJ	46	NJ
Methoxychlor	65	J	2000	U	69	NJ	66	J	44	NJ
Endrin ketone	40	U	400	U	42	U	43	U	43	U
Endrin aldehyde	82	NJ	180	J	86	NJ	88	NJ	55	NJ
alpha-Chlordane	160	NJ	280		180	NJ	170	NJ	120	NJ
gamma-Chlordane	210	NJ	250	NJ	220	NJ	220	NJ	150	NJ
Toxaphene	2000	U	20000	U	2200	U	2200	U	2200	U
Aroclor-1016	400	U	4000	U	420	U	430	U	430	U
Aroclor-1221	800	U	8000	U	860	U	870	U	870	U
Aroclor-1232	400	U	4000	U	420	U	430	U	430	U
Aroclor-1242	400	U	4000	U	420	U	430	U	430	U
Aroclor-1248	400	U	4000	U	420	U	430	U	430	U
Aroclor-1254	4500		6600		4800		4800		3700	
Aroclor-1260	400	U	4000	U	420	U	430	U	430	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ67 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ69DL		BWZ70		BWZ70DL		BWZ71		BWZ71DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ70		** DO NOT USE **		BWZ71		** DO NOT USE **	
SAMPLE LOCATION:	A3-06		A3-07		A3-07		A3-08		A3-08	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		10.0		100.0	
PERCENT MOISTURE:	26		47		47		23		23	
PES										
-----										
alpha-BHC	220	U	32	U	320	U	22	U	220	U
beta-BHC	220	U	32	U	320	U	22	U	220	U
delta-BHC	220	U	32	U	320	U	22	U	220	U
gamma-BHC (Lindane)	220	U	32	U	320	U	22	U	220	U
Heptachlor	220	U	32	U	320	U	22	U	220	U
Aldrin	220	U	32	U	320	U	22	U	220	U
Heptachlor epoxide	220	U	32	U	320	U	11	NJ	220	U
Endosulfan I	220	U	32	U	320	U	22	U	220	U
Dieldrin	160	NJ	150	NJ	620	U	190	NJ	240	J
4,4'-DDE	430	U	120	NJ	620	U	150	NJ	170	NJ
Endrin	430	U	62	U	620	U	42	U	420	U
Endosulfan II	430	U	33	NJ	620	U	34	NJ	420	U
4,4'-DDD	430	U	37	NJ	620	U	38	NJ	420	U
Endosulfan sulfate	90	J	87		620	U	120		110	NJ
4,4'-DDT	430	U	48	NJ	620	U	64	NJ	420	U
Methoxychlor	2200	U	320	UJ	3200	U	51	NJ	2200	U
Endrin ketone	430	U	62	U	620	U	42	U	420	U
Endrin aldehyde	80	NJ	39	NJ	620	U	68	NJ	96	NJ
alpha-Chlordane	200	J	140	NJ	230	J	140	NJ	270	
gamma-Chlordane	240	NJ	170	NJ	260	NJ	190	NJ	310	NJ
Toxaphene	22000	U	3200	U	32000	U	2200	U	22000	U
Aroclor-1016	4300	U	620	U	6200	U	420	U	4200	U
Aroclor-1221	8700	U	1200	U	12000	U	860	U	8600	U
Aroclor-1232	4300	U	620	U	6200	U	420	U	4200	U
Aroclor-1242	4300	U	620	U	6200	U	420	U	4200	U
Aroclor-1248	4300	U	620	U	6200	U	420	U	4200	U
Aroclor-1254	6300		3800		6100	J	4900		8300	
Aroclor-1260	4300	U	620	U	6200	U	420	U	4200	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133
SDG No: BWZ67

Site:
Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ72		BWZ72DL		BWZ73		BWZ73DL		BWZ74	
REGIONAL SAMPLE NUMBER:	BWZ72		** DO NOT USE **		BWZ73		** DO NOT USE **		BWZ74	
SAMPLE LOCATION:	A3-09		A3-09		A3-10		A3-10		A3-11	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		10.0		100.0		10.0	
PERCENT MOISTURE:	33		33		30		30		18	
PES										
alpha-BHC	25	U	250	U	24	U	240	U	21	U
beta-BHC	25	U	250	U	24	U	240	U	21	U
delta-BHC	25	U	250	U	24	U	240	U	21	U
gamma-BHC (Lindane)	25	U	250	U	24	U	240	U	21	U
Heptachlor	25	U	250	U	24	U	240	U	21	U
Aldrin	25	U	250	U	24	U	240	U	21	U
Heptachlor epoxide	25	U	250	U	10	NJ	240	U	21	U
Endosulfan I	25	U	250	U	24	U	240	U	99	
Dieldrin	150	NJ	180	NJ	160	NJ	190	NJ	120	
4,4'-DDE	120	NJ	480	U	150	NJ	170	J	110	NJ
Endrin	48	U	480	U	47	U	470	U	66	NJ
Endosulfan II	26	NJ	480	U	33	NJ	470	U	40	U
4,4'-DDD	29	NJ	480	U	37	NJ	470	U	40	U
Endosulfan sulfate	86		480	U	110		110	NJ	69	NJ
4,4'-DDT	47	NJ	480	U	57	NJ	470	U	52	NJ
Methoxychlor	44	NJ	2500	U	50	NJ	2400	U	210	UJ
Endrin ketone	48	U	480	U	47	U	470	U	40	U
Endrin aldehyde	37	NJ	81	NJ	69	NJ	130	NJ	77	NJ
alpha-Chlordane	120	NJ	230	J	150	NJ	260		100	NJ
gamma-Chlordane	150	NJ	250	NJ	180	NJ	300	NJ	130	NJ
Toxaphene	2500	U	25000	U	2400	U	24000	U	2100	U
Aroclor-1016	480	U	4800	U	470	U	4700	U	400	U
Aroclor-1221	970	U	9700	U	950	U	9500	U	810	U
Aroclor-1232	480	U	4800	U	470	U	4700	U	400	U
Aroclor-1242	480	U	4800	U	470	U	4700	U	400	U
Aroclor-1248	480	U	4800	U	470	U	4700	U	400	U
Aroclor-1254	3800		6300		4400		7300		5200	
Aroclor-1260	480	U	4800	U	470	U	4700	U	400	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ67 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ74DL		BWZ75		BWZ75DL		BWZ76		BWZ76DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ75		** DO NOT USE **		BWZ76		** DO NOT USE **	
SAMPLE LOCATION:	A3-11		A3-12		A3-12		A3-13		A3-13	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		10.0		100.0	
PERCENT MOISTURE:	18		30		30		29		29	
PES										
alpha-BHC	210	U	24	U	240	U	24	U	240	U
beta-BHC	210	U	24	U	240	U	24	U	240	U
delta-BHC	210	U	24	U	240	U	24	U	240	U
gamma-BHC (Lindane)	210	U	24	U	240	U	24	U	240	U
Heptachlor	210	U	24	U	240	U	24	U	240	U
Aldrin	210	U	24	U	240	U	24	U	240	U
Heptachlor epoxide	210	U	24	U	26	NJ	24	U	26	NJ
Endosulfan I	150	J	130		240		120		240	
Dieldrin	160	J	160		200	J	160		220	J
4,4'-DDE	120	J	140	NJ	150	NJ	140	NJ	160	J
Endrin	82	NJ	130	NJ	28	NJ	130	NJ	150	NJ
Endosulfan II	400	U	33	NJ	460	U	46	U	460	U
4,4'-DDD	400	U	36	NJ	460	U	46	U	460	U
Endosulfan sulfate	100	J	100	J	120	J	110	J	130	J
4,4'-DDT	400	U	55	NJ	460	U	57	NJ	460	U
Methoxychlor	2100	U	46	J	2400	U	53	J	2400	U
Endrin ketone	400	U	46	U	460	U	46	U	460	U
Endrin aldehyde	110	NJ	69	NJ	140	NJ	78	NJ	120	NJ
alpha-Chlordane	140	J	130	NJ	240		140	NJ	240	
gamma-Chlordane	170	NJ	180	NJ	240	J	130	NJ	280	J
Toxaphene	21000	U	2400	U	24000	U	2400	U	24000	U
Aroclor-1016	4000	U	460	U	4600	U	460	U	4600	U
Aroclor-1221	8100	U	930	U	9300	U	940	U	9400	U
Aroclor-1232	4000	U	460	U	4600	U	460	U	4600	U
Aroclor-1242	4000	U	460	U	4600	U	460	U	4600	U
Aroclor-1248	4000	U	460	U	4600	U	460	U	4600	U
Aroclor-1254	5900		5800		7700		5900		8100	
Aroclor-1260	4000	U	460	U	4600	U	460	U	4600	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133
SDG No: BWZ67

Site:
Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ77		BWZ77DL		BWZ78		BWZ78DL		BWZ79	
REGIONAL SAMPLE NUMBER:	BWZ77		** DO NOT USE **		BWZ78		** DO NOT USE **		BWZ79	
SAMPLE LOCATION:	A3-14		A3-14		A3-15		A3-15		A3-16	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		10.0		100.0		10.0	
PERCENT MOISTURE:	28		28		26		26		33	
PES										
alpha-BHC	23	U	230	U	23	U	230	U	25	U
beta-BHC	23	U	230	U	23	U	230	U	25	U
delta-BHC	23	U	230	U	23	U	230	U	25	U
gamma-BHC (Lindane)	23	U	230	U	23	U	230	U	25	U
Heptachlor	23	U	230	U	23	U	230	U	25	U
Aldrin	23	U	230	U	23	U	230	U	25	U
Heptachlor epoxide	23	U	230	U	12	NJ	48	J	25	U
Endosulfan I	100	NJ	240	J	60	NJ	140	NJ	120	
Dieldrin	170		270	J	110		170	J	140	
4,4'-DDE	190	NJ	210	NJ	95	NJ	150	J	120	NJ
Endrin	130	NJ	68	NJ	140		220	J	120	NJ
Endosulfan II	32	NJ	440	U	34	NJ	440	U	29	NJ
4,4'-DDD	35	NJ	440	U	36	NJ	440	U	32	NJ
Endosulfan sulfate	180		230	J	89		100	J	95	
4,4'-DDT	100	NJ	440	U	170	NJ	200	NJ	50	NJ
Methoxychlor	45	NJ	2300	U	55	NJ	2300	U	41	J
Endrin ketone	44	U	440	U	44	U	440	U	49	U
Endrin aldehyde	100	NJ	200	NJ	71	NJ	130	J	62	NJ
alpha-Chlordane	100	NJ	230		170	NJ	290		120	NJ
gamma-Chlordane	150	NJ	250	NJ	160	NJ	220	J	160	NJ
Toxaphene	2300	U	23000	U	2300	U	23000	U	2500	U
Aroclor-1016	440	U	4400	U	440	U	4400	U	490	U
Aroclor-1221	900	U	9000	U	890	U	8900	U	1000	U
Aroclor-1232	440	U	4400	U	440	U	4400	U	490	U
Aroclor-1242	440	U	4400	U	440	U	4400	U	490	U
Aroclor-1248	440	U	4400	U	440	U	4400	U	490	U
Aroclor-1254	7500		11000		4000		5600		5000	
Aroclor-1260	440	U	4400	U	440	U	4400	U	490	U

FILE NAME: BWZ67 DATE: 07/14/99 TIME: 15:21 CADRE98

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ67 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ79DL		BWZ80		BWZ80DL		BWZ81		BWZ81DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ80		** DO NOT USE **		BWZ81		** DO NOT USE **	
SAMPLE LOCATION:	A3-16		A3-17		A3-17		A3-18		A3-18	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		10.0		100.0	
PERCENT MOISTURE:	33		61		61		26		26	
PES										
alpha-BHC	250	U	42	UJ	420	UJ	22	U	220	U
beta-BHC	250	U	42	UJ	420	UJ	22	U	220	U
delta-BHC	250	U	42	UJ	420	UJ	22	U	220	U
gamma-BHC (Lindane)	250	U	42	UJ	420	UJ	22	U	220	U
Heptachlor	250	U	42	UJ	420	UJ	22	U	220	U
Aldrin	250	U	42	UJ	420	UJ	22	U	220	U
Heptachlor epoxide	250	U	42	UJ	420	UJ	22	U	220	U
Endosulfan I	210	J	76	NJ	130	NJ	110		190	J
Dieldrin	170	J	110	J	120	NJ	120		160	J
4,4'-DDE	130	NJ	100	NJ	100	NJ	120	NJ	120	NJ
Endrin	120	NJ	130	J	120	NJ	110	NJ	29	NJ
Endosulfan II	490	U	33	NJ	820	UJ	29	NJ	440	U
4,4'-DDD	490	U	36	NJ	820	UJ	32	NJ	440	U
Endosulfan sulfate	110	J	85	J	39	NJ	87		94	J
4,4'-DDT	490	U	38	NJ	820	UJ	46	NJ	440	U
Methoxychlor	2500	U	88	J	4200	UJ	41	J	2200	U
Endrin ketone	490	U	82	UJ	820	UJ	44	U	440	U
Endrin aldehyde	120	NJ	35	NJ	93	J	56	NJ	100	NJ
alpha-Chlordane	230	J	220	NJ	400	J	110	NJ	190	J
gamma-Chlordane	220	J	210	NJ	290	J	140	NJ	200	J
Toxaphene	25000	U	4200	UJ	42000	UJ	2200	U	22000	U
Aroclor-1016	4900	U	820	UJ	8200	UJ	440	U	4400	U
Aroclor-1221	10000	U	1600	UJ	16000	UJ	890	U	8900	U
Aroclor-1232	4900	U	820	UJ	8200	UJ	440	U	4400	U
Aroclor-1242	4900	U	820	UJ	8200	UJ	440	U	4400	U
Aroclor-1248	4900	U	820	UJ	8200	UJ	440	U	4400	U
Aroclor-1254	6900		4200	J	4800	J	4700		6300	
Aroclor-1260	4900	U	820	UJ	8200	UJ	440	U	4400	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ67 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ82		BWZ82DL		BWZ83		BWZ83DL		BWZ85	
REGIONAL SAMPLE NUMBER:	BWZ82		** DO NOT USE **		BWZ83		** DO NOT USE **		BWZ85	
SAMPLE LOCATION:	A3-19		A3-19		A3-20		A3-20		A3-22	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		10.0		100.0		10.0	
PERCENT MOISTURE:	55		55		19		19		34	
PES										
alpha-BHC	37	UJ	370	UJ	19	U	190	U	25	U
beta-BHC	37	UJ	370	UJ	19	U	190	U	25	UJ
delta-BHC	37	UJ	370	UJ	19	U	190	U	25	UJ
gamma-BHC (Lindane)	37	UJ	370	UJ	19	U	190	U	25	U
Heptachlor	37	UJ	370	UJ	19	U	190	U	25	U
Aldrin	37	UJ	370	UJ	19	U	190	U	25	U
Heptachlor epoxide	37	UJ	370	UJ	19	U	13	NJ	83	NJ
Endosulfan I	79	NJ	150	NJ	130		220		22	NJ
Dieldrin	120	J	160	J	140		190	J	200	J
4,4'-DDE	100	NJ	130	J	140	NJ	140	NJ	130	NJ
Endrin	140	J	140	NJ	100	NJ	110	NJ	61	
Endosulfan II	45	NJ	720	UJ	29	NJ	380	U	48	U
4,4'-DDD	29	NJ	720	UJ	32	NJ	380	U	48	U
Endosulfan sulfate	76	J	88	J	110		120	J	48	U
4,4'-DDT	36	NJ	720	UJ	62	NJ	380	U	580	J
Methoxychlor	59	J	3700	UJ	37	J	1900	U	250	UJ
Endrin ketone	72	UJ	720	UJ	38	U	380	U	48	U
Endrin aldehyde	38	NJ	98	NJ	68	NJ	120	NJ	34	J
alpha-Chlordane	250	NJ	280	NJ	120	NJ	220		91	NJ
gamma-Chlordane	250	J	300	NJ	160	NJ	230	J	93	NJ
Toxaphene	3700	UJ	37000	UJ	1900	U	19000	U	2500	U
Aroclor-1016	720	UJ	7200	UJ	380	U	3800	U	480	U
Aroclor-1221	1500	UJ	15000	UJ	760	U	7600	U	980	U
Aroclor-1232	720	UJ	7200	UJ	380	U	3800	U	480	U
Aroclor-1242	720	UJ	7200	UJ	380	U	3800	U	480	U
Aroclor-1248	720	UJ	7200	UJ	380	U	3800	U	480	U
Aroclor-1254	4100	J	5500	J	5700		7700		2700	
Aroclor-1260	720	UJ	7200	UJ	380	U	3800	U	480	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ67 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ85DL		BWZ86		BWZ86DL		BWZ87		BWZ87DL	
REGIONAL SAMPLE NUMBER:	** DO NOT USE **		BWZ86		** DO NOT USE **		BWZ87		** DO NOT USE **	
SAMPLE LOCATION:	A3-22		A3-23		A3-23		A3-24		A3-24	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		10.0		100.0	
PERCENT MOISTURE:	34		68		68		68		68	
PES										
alpha-BHC	250	U	52	UJ	520	UJ	49	UJ	490	UJ
beta-BHC	250	U	52	UJ	520	UJ	49	UJ	490	UJ
delta-BHC	250	UJ	52	UJ	520	UJ	49	UJ	490	UJ
gamma-BHC (Lindane)	250	U	52	UJ	520	UJ	49	UJ	490	UJ
Heptachlor	250	U	52	UJ	520	UJ	49	UJ	490	UJ
Aldrin	250	U	52	UJ	520	UJ	49	UJ	490	UJ
Heptachlor epoxide	100	NJ	100	NJ	120	NJ	95	NJ	110	NJ
Endosulfan I	250	U	52	UJ	520	UJ	49	UJ	490	UJ
Dieldrin	260	NJ	290	J	340	NJ	260	J	330	NJ
4,4'-DDE	250	J	140	NJ	250	J	130	NJ	220	J
Endrin	79	NJ	67	J	1000	UJ	60	J	950	UJ
Endosulfan II	480	U	49	NJ	1000	UJ	41	NJ	950	UJ
4,4'-DDD	480	U	31	NJ	1000	UJ	37	NJ	950	UJ
Endosulfan sulfate	480	U	100	UJ	1000	UJ	95	UJ	950	UJ
4,4'-DDT	980		720	J	1200	J	630	J	1100	J
Methoxychlor	2500	U	520	UJ	5200	UJ	490	UJ	4900	UJ
Endrin ketone	480	U	100	UJ	1000	UJ	95	UJ	950	UJ
Endrin aldehyde	480	U	33	J	1000	UJ	31	J	950	UJ
alpha-Chlordane	180	J	240	NJ	400	J	230	NJ	400	J
gamma-Chlordane	250	U	260	J	520	U	260	J	490	U
Toxaphene	25000	U	5200	UJ	52000	UJ	4900	UJ	49000	UJ
Aroclor-1016	4800	U	1000	UJ	10000	UJ	950	UJ	9500	UJ
Aroclor-1221	9800	U	2100	UJ	21000	UJ	1900	UJ	19000	UJ
Aroclor-1232	4800	U	1000	UJ	10000	UJ	950	UJ	9500	UJ
Aroclor-1242	4800	U	1000	UJ	10000	UJ	950	UJ	9500	UJ
Aroclor-1248	4800	U	1000	UJ	10000	UJ	950	UJ	9500	UJ
Aroclor-1254	5200		3700	J	5500	J	3200	J	4900	J
Aroclor-1260	4800	U	1000	UJ	10000	UJ	950	UJ	9500	UJ

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

TCL QUALIFIED SPREADSHEET

Case No: 27133
SDG No: BWZ67

Site:
Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ88		BWZ88DL		PBLKSH		PBLKSI		PBLKSJ	
REGIONAL SAMPLE NUMBER:	BWZ88		** DO NOT USE **							
SAMPLE LOCATION:	A3-25		A3-25							
SAMPLE TYPE:	Routine Sample		Routine Sample		Method Blank		Method Blank		Method Blank	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		1.0		1.0		1.0	
PERCENT MOISTURE:	31		31		0		0		0	
PES										
-----										
alpha-BHC	24	U	240	U	1.7	U	1.7	U	1.7	U
beta-BHC	24	UJ	240	U	1.7	U	1.7	U	1.7	U
delta-BHC	24	UJ	240	UJ	1.7	U	1.7	UJ	1.7	U
gamma-BHC (Lindane)	24	U	240	U	1.7	U	1.7	U	1.7	U
Heptachlor	24	U	240	U	1.7	U	0.740	J	1.7	U
Aldrin	24	U	240	U	1.7	U	1.7	U	1.7	U
Heptachlor epoxide	94	NJ	120	NJ	1.7	U	1.7	U	1.7	U
Endosulfan I	29	NJ	240	U	1.7	U	1.7	U	1.7	U
Dieldrin	260	J	360	NJ	3.3	U	3.3	U	3.3	U
4,4'-DDE	150	NJ	280	J	3.3	U	3.3	U	3.3	U
Endrin	89		460	U	3.3	U	3.3	U	3.3	U
Endosulfan II	55	NJ	460	U	3.3	U	3.3	U	3.3	U
4,4'-DDD	46	U	460	U	3.3	U	3.3	U	3.3	U
Endosulfan sulfate	46	U	460	U	3.3	U	3.3	U	3.3	U
4,4'-DDT	710	J	1200		3.3	U	3.3	U	3.3	U
Methoxychlor	240	UJ	2400	U	17	U	17	U	17	U
Endrin ketone	46	U	460	U	3.3	U	3.3	U	3.3	U
Endrin aldehyde	57	J	460	U	3.3	U	3.3	U	3.3	U
alpha-Chlordane	120	NJ	260		1.7	U	1.7	U	1.7	U
gamma-Chlordane	120	J	240	U	1.7	U	0.290	NJ	1.7	U
Toxaphene	2400	U	24000	U	170	U	170	U	170	U
Aroclor-1016	460	U	4600	U	33	U	33	U	33	U
Aroclor-1221	940	U	9400	U	67	U	67	U	67	U
Aroclor-1232	460	U	4600	U	33	U	33	U	33	U
Aroclor-1242	460	U	4600	U	33	U	33	U	33	U
Aroclor-1248	460	U	4600	U	33	U	33	U	33	U
Aroclor-1254	3000	J	6300		33	U	33	U	33	U
Aroclor-1260	460	U	4600	U	33	U	33	U	33	U

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

** ONLY PCB DATA WERE VALIDATED **

FILE NAME: BWZ84 DATE: 07/09/99 TIME: 14:26

CRITERIA FILE: REG0295

DATA

	Original	X	Qualified

QUALIFICATIONS PERFORMED

X	Quantitation Limit		CRDL Standards
X	Percent Moisture		ICS
X	Holding Time		LCS
X	Calibrations		Duplicates
X	Matrix Spikes		Furnace AA QC
	IPC		ICP Serial Dilutions
	Internal Standards		Sample Results Verification
X	SMC/Surrogates	X	Laboratory Blanks
X	System Performance		Field QC
	Sample Cleanup		

PRINT NON-DETECTS

X	Yes		No

PRINT REJECTED RESULTS

X	Yes		No

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ84 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ84		BWZ84DL		BWZ84MS		BWZ84MSD		BWZ89	
REGIONAL SAMPLE NUMBER:	BWZ84		**DO NOT USE**		BWZ84MS		BWZ84MSD		BWZ89	
SAMPLE LOCATION:	A3-21		A3-21		A3-21		A3-21		A3-26	
SAMPLE TYPE:	Routine Sample		Routine Sample		Matrix Spike		Matrix Spike Dup		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	10.0		100.0		10.0		10.0		10.0	
PERCENT MOISTURE:	25		25		25		25		52	
PES										
alpha-BHC	22	U	220	U	7.7	J	7.6	J	34	UJ
beta-BHC	22	UJ	220	U	22	UJ	22	UJ	34	UJ
delta-BHC	22	UJ	220	UJ	22	UJ	22	UJ	34	UJ
gamma-BHC (Lindane)	22	U	220	U	37		30	J	34	UJ
Heptachlor	22	U	220	U	43	U	43	U	34	UJ
Aldrin	22	U	220	U	22	NJ	20	J	34	UJ
Heptachlor epoxide	82	NJ	100	NJ	91	J	90	J	150	NJ
Endosulfan I	21	NJ	220	U	13	NJ	19	NJ	42	NJ
Dieldrin	230	J	280	NJ	280	J	280	J	420	J
4,4'-DDE	120	NJ	160	J	120	NJ	120	NJ	220	NJ
Endrin	64	J	83	NJ	46	NJ	48	NJ	130	J
Endosulfan II	30	NJ	45	NJ	40	NJ	43	NJ	94	NJ
4,4'-DDD	44	U	440	U	43	U	44	U	100	NJ
Endosulfan sulfate	44	U	440	U	43	U	44	U	67	UJ
4,4'-DDT	720	J	1000		740	J	740	J	1100	J
Methoxychlor	220	UJ	140	NJ	220	UJ	220	UJ	340	UJ
Endrin ketone	44	U	440	U	26	NJ	26	NJ	26	NJ
Endrin aldehyde	33	NJ	440	U	32	NJ	41	NJ	68	J
alpha-Chlordane	120	NJ	220	J	120	NJ	120	NJ	610	NJ
gamma-Chlordane	73	NJ	220	U	86	NJ	87	NJ	720	J
Toxaphene	2200	U	22000	U	2200	U	2200	U	3400	UJ
Aroclor-1016	440	U	4400	U	430	U	440	U	670	UJ
Aroclor-1221	890	U	8900	U	870	U	890	U	1400	UJ
Aroclor-1232	440	U	4400	U	430	U	440	U	670	UJ
Aroclor-1242	440	U	4400	U	430	U	440	U	670	UJ
Aroclor-1248	440	U	4400	U	430	U	440	U	670	UJ
Aroclor-1254	2500		3800	J	2500	J	2500	J	6000	J
Aroclor-1260	440	U	4400	U	430	U	440	U	670	UJ

FILE NAME: BWZ84 DATE: 07/09/99 TIME: 14:26 CADRE98 PAGE: 1

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

*** * * * * ONLY PCB DATA WERE VALIDATED * * * * ***

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ84 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	BWZ89DL		BWZ90		BWZ90DL		BWZ91		BWZ91DL	
REGIONAL SAMPLE NUMBER:	**DO NOT USE**		BWZ90		**DO NOT USE**		BWZ91		**DO NOT USE**	
SAMPLE LOCATION:	A3-26		A3-27		A3-27		A3-28		A3-28	
SAMPLE TYPE:	Routine Sample		Routine Sample		Routine Sample		Routine Sample		Routine Sample	
MATRIX/ANALYSIS:	Soil		Soil		Soil		Soil		Soil	
DILUTION FACTOR:	100.0		10.0		100.0		10.0		100.0	
PERCENT MOISTURE:	52		29		29		55		55	
PES										
alpha-BHC	340	UJ	0.980	NJ	230	U	37	UJ	370	UJ
beta-BHC	340	UJ	23	UJ	230	U	88	J	370	UJ
delta-BHC	340	UJ	23	UJ	230	UJ	37	UJ	370	UJ
gamma-BHC (Lindane)	340	UJ	5.7	NJ	230	U	15	NJ	370	UJ
Heptachlor	340	UJ	23	U	230	U	37	UJ	370	UJ
Aldrin	340	UJ	23	U	230	U	37	UJ	370	UJ
Heptachlor epoxide	190	NJ	86	NJ	120	NJ	85	NJ	130	NJ
Endosulfan I	77	NJ	22	NJ	230	U	40	NJ	370	UJ
Dieldrin	560	NJ	250	J	380	NJ	240	NJ	320	NJ
4,4'-DDE	400	J	140	NJ	270	J	160	NJ	310	J
Endrin	160	J	63	J	95	NJ	68	J	710	UJ
Endosulfan II	100	NJ	42	NJ	50	NJ	45	NJ	710	UJ
4,4'-DDD	130	NJ	36	NJ	450	U	52	NJ	75	NJ
Endosulfan sulfate	670	UJ	45	U	450	U	71	UJ	710	UJ
4,4'-DDT	1800	J	670	J	1200		710	J	1200	J
Methoxychlor	180	NJ	230	UJ	160	NJ	370	UJ	150	NJ
Endrin ketone	670	UJ	29	NJ	450	U	44	NJ	710	UJ
Endrin aldehyde	670	UJ	46	J	44	NJ	30	NJ	710	UJ
alpha-Chlordane	920	NJ	130	NJ	300	J	120	NJ	270	J
gamma-Chlordane	970	J	130	J	230	U	100	NJ	370	U
Toxaphene	34000	UJ	2300	U	23000	U	3700	UJ	37000	UJ
Aroclor-1016	6700	UJ	450	U	4500	U	710	UJ	7100	UJ
Aroclor-1221	14000	UJ	920	U	9200	U	1400	UJ	14000	UJ
Aroclor-1232	6700	UJ	450	U	4500	U	710	UJ	7100	UJ
Aroclor-1242	6700	UJ	450	U	4500	U	710	UJ	7100	UJ
Aroclor-1248	6700	UJ	450	U	4500	U	710	UJ	7100	UJ
Aroclor-1254	9800		2900	J	5900		3100	J	6600	J
Aroclor-1260	6700	UJ	450	U	4500	U	710	UJ	7100	UJ

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

*** * * * * ONLY PCB DATA WERE VALIDATED * * * * ***

TCL QUALIFIED SPREADSHEET

Case No: 27133 Site:
SDG No: BWZ84 Laboratory: SWL-TULSA

EPA SAMPLE NUMBER:	PBLKSI					
REGIONAL SAMPLE NUMBER:						
SAMPLE LOCATION:						
SAMPLE TYPE:	Method Blank					
MATRIX/ANALYSIS:	Soil					
DILUTION FACTOR:	1.0					
PERCENT MOISTURE:	0					
PES						
-----						
alpha-BHC	1.7	U				
beta-BHC	1.7	U				
delta-BHC	1.7	UJ				
gamma-BHC (Lindane)	1.7	U				
Heptachlor	0.740	J				
Aldrin	1.7	U				
Heptachlor epoxide	1.7	U				
Endosulfan I	1.7	U				
Dieldrin	3.3	U				
4,4'-DDE	3.3	U				
Endrin	3.3	U				
Endosulfan II	3.3	U				
4,4'-DDD	3.3	U				
Endosulfan sulfate	3.3	U				
4,4'-DDT	3.3	U				
Methoxychlor	17	U				
Endrin ketone	3.3	U				
Endrin aldehyde	3.3	U				
alpha-Chlordane	1.7	U				
gamma-Chlordane	0.290	NJ				
Toxaphene	170	U				
Aroclor-1016	33	U				
Aroclor-1221	67	U				
Aroclor-1232	33	U				
Aroclor-1242	33	U				
Aroclor-1248	33	U				
Aroclor-1254	33	U				
Aroclor-1260	33	U				

FILE NAME: BWZ84 DATE: 07/09/99 TIME: 14:26 CADRE98 PAGE: 3

Water units are reported in ug/L.
Soil units are reported in ug/Kg.

*** * * * * ONLY PCB DATA WERE VALIDATED * * * * ***