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TABLES

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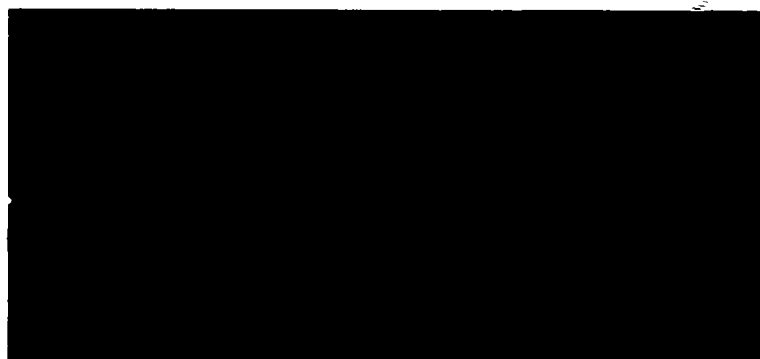
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SUMMARY TABLES FOR
TENNESSEE GAS PIPELINE COMPANY
COMPRESSOR STATION 224
CLYMER, NEW YORK

March 1991

Prepared for:

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ABSTRACT

This document was prepared by Ecology and Environment, Inc. (E & E) for Tennessee Gas Pipeline Company (Tennessee). It presents the analytical data from Tennessee's Phase IIA sampling program conducted at Compressor Station 224 in Clymer, New York (see Appendix D for complete Phase IIA analytical results).

The field work portion of the Phase IIA sampling program was conducted in two parts. The drilling investigation took place from November 8 through November 16, 1990. The soil, sediment, and water sampling was conducted from December 10 through December 21, 1990. Analytical services were provided by E & E's Analytical Services Center (ASC).

This document was prepared as a data transmittal only. It includes data summary tables, sample location plans, and laboratory reports from Phase IIA of the sampling program. (Data that has been included has not been third-party validated.) A formal report that describes both phases of the program and discusses the results of the program will be submitted for this station at a later date.

Table 4-1
PCB RESULTS FOR SOIL SAMPLES
GRID SAMPLING AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
T2,T3,U2,U3	9001	0 - 6	ND
R2,R3,S2,S3	9002	0 - 6	ND
P2,P3,Q2,Q3	9003	0 - 6	ND
N2,N3,O2,O3	9004	0 - 6	ND
L2,L3,M2,M3	9005	0 - 6	ND
J2,J3,K2,K3	9006	0 - 6	ND
H2,H3,I2,I3	9007	0 - 6	ND
F2,F3,G2,G3	9008	0 - 6	ND
D2,D3,E2,E3	9009	0 - 6	ND
B2,B3,C2,C3	9010	0 - 6	ND
H4,H5,I4,I5	9015	0 - 6	ND
J4,J5,K4,K5	9016	0 - 6	ND
L4,L5,M4	9017	0 - 6	ND
N4,N5,O4,O5	9018	0 - 6	ND
P4,Q4,Q5	9019	0 - 6	ND
R4,R5,S4,S5	9020	0 - 6	ND
T4,U4,U5	9021	0 - 6	ND
U6,U7	9023	0 - 6	ND
R6,R7,S6,S7	9024	0 - 6	ND
P6,P7,Q6,Q7	9025	0 - 6	ND
O6,O7,N7	9026	0 - 6	ND
L6,L7,M7	9027	0 - 6	13 (1248)
J6,J7,K6,K7	9028	0 - 6	ND
H6,H7,I6,I7	9029	0 - 6	ND
G6,G7	9030	0 - 6	ND
F8,G8	9036	0 - 6	ND
H8,H9,I8,I9	9037	0 - 6	ND
J8,J9,K8,K9	9038	0 - 6	ND
L8,L9,M9	9039	0 - 6	ND
N8,N9,O8,O9	9040	0 - 6	ND

02(TG5902)D3273/53/19

Key at end of table.

Table 4-1 (Cont.)

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
P8,P9,Q8,Q9	9041	0 - 6	ND
R8,R9,S8,S9	9042	0 - 6	2.3 (1254)
T8,T9,U9	9043	0 - 6	ND
T10,T11,U10,U11	9045	0 - 6	ND
R10,R11,S10,S11	9046	0 - 6	ND
P10,P11,Q10,Q11	9047	0 - 6	ND
N10,N11,O10,O11	9048	0 - 6	ND
L10,L11,M10,M11	9049	0 - 6	ND
J10,J11,K10	9050	0 - 6	ND
I10	9051	0 - 6	ND
K12,K13	9060	0 - 6	ND
L12,L13,M12,M13	9061	0 - 6	ND
N12,N13,O12,O13	9062	0 - 6	ND
P12,P13,Q12,Q13	9063	0 - 6	ND
R12,R13,S12,S13	9064	0 - 6	ND
T12,T13,U12,U13	9065	0 - 6	ND
T14,T15,U14,U15	9067	0 - 6	ND
R14,R15,S14,S15	9068	0 - 6	ND
P14,P15,Q14,Q15	9069	0 - 6	ND
N14,N15,O14,O15	9070	0 - 6	ND
L14,L15,M14,M15	9071	0 - 6	ND
K14,K15	9072	0 - 6	ND
J16,J17,K16,K17	9086	0 - 6	ND
L16,L17,M16,M17	9090	0 - 6	ND
N16,N17,O16,O17	9091	0 - 6	ND
P16,P17,Q16,Q17	9094	0 - 6	ND
R16,R17,S16,S17	9095	0 - 6	ND
T16,T17,U16,U17	9098	0 - 6	ND

02[TG5902]D3273/53/19

Key:

ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-2

PCB RESULTS FOR SOIL SAMPLES
AUXILIARY BUILDING AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A131	0 - 6	ND
	A132	6 - 12	ND
02	A133	0 - 6	ND
	A134	6 - 12	ND
03	A135	0 - 6	ND
	A136	6 - 12	ND
04	A137	0 - 6	ND
	A138	6 - 12	ND
05	A139	0 - 6	ND
	A140	6 - 12	ND
06	A142	0 - 6	ND
	A143	6 - 12	ND
07	A144	0 - 6	ND
	A145	6 - 12	ND
08	A146	0 - 6	ND
	A147	6 - 12	ND
09	A148	0 - 6	ND
	A149	6 - 12	ND
10	A150	0 - 6	ND
	A151	6 - 12	ND
11	A153	0 - 6	500 (1248)
	A154	6 - 12	63 (1248)
12	A155	0 - 6	ND
	A156	6 - 12	ND
13	A157	0 - 6	ND
	A158	6 - 12	ND
14	A159	0 - 6	ND
	A160	6 - 12	ND

02[QT]TG5902:D3273/8636/27

Key at end of table.

Table 4-2 (Cont.)

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
15	A170	0 - 6	6.7 (1254) T
	A171	6 - 12	1.5 (1254) T
16	A172	0 - 6	8.6 (1254) T
17	A173	0 - 6	ND T

02[QT]TG5902:D3273/8636/27

Key:

T = TCL/TAL analysis.
 ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-3

PCB RESULTS FOR SOIL SAMPLES
AIR RECEIVER TANK AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A186	0 - 6	34 (1254)
	A187	6 - 12	1.4 (1254)
02	A188	0 - 6	270 B (1254) T
	A189	6 - 12	1,800 B (1254) T
03	A190	0 - 6	8.2 (1254)
	A191	6 - 12	11 (1254)
	A191	6 - 12	2.1 (1248)
04	A192	0 - 6	9.3 (1254)
	A192	0 - 6	7.3 (1248)
	A193	6 - 12	ND
05	A194	0 - 6	610 (1254)
	A195	6 - 12	33 (1254)
06	A197	0 - 6	12 (1254)
	A198	6 - 12	6.6 (1254)
07	A199	0 - 6	6.5 (1254)
	A199	0 - 6	3.1 (1248)
	A200	6 - 12	4.6 (1254)
	A200	6 - 12	2.0 (1248)
08	A201	0 - 6	400 (1254)
	A202	6 - 12	17 (1254)
	A202	6 - 12	2.9 (1248)
09	A203	0 - 6	59 (1254)
	A203	0 - 6	9.1 (1248)
	A204	6 - 12	180 (1254)
	A204	6 - 12	32 (1248)
10	A205	0 - 6	4.1 (1254)
	A206	6 - 12	2.0 (1254)
11	A208	0 - 6	1.5 (1254)
	A209	6 - 12	ND

02[QT]TG5902:D3273/8636/27

Key at end of table.

Table 4-3 (Cont.)

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
12	A210	0 - 6	2.8 (1254)
	A211	6 - 12	ND
13	A212	0 - 6	ND
	A213	6 - 12	ND
14	A214	0 - 6	ND
	A215	6 - 12	ND
15	A216	0 - 6	28 (1254)
	A217	6 - 12	ND
16	A219	0 - 6	2,000 (1254)
	A219	0 - 6	620 (1248)
	A220	6 - 12	650 (1254)
	A220	6 - 12	140 (1248)
17	A221	0 - 6	5,000 (1254)
	A222	6 - 12	130 (1254)
18	A223	0 - 6	3.9 (1254)
	A224	6 - 12	1.3 (1254)
19	A225	0 - 6	3.2 (1254)
	A226	6 - 12	2.9 (1254)
20	A227	0 - 6	58 (1254)
	A228	6 - 12	76 (1254)
21	A230	0 - 6	12 (1254)
	A231	6 - 12	2.6 (1254)
22	A232	0 - 6	ND
	A233	6 - 12	ND
23	A234	0 - 6	ND
	A235	6 - 12	ND
24	A236	0 - 6	8,400 B (1254) T
	A237	6 - 12	9,700 B (1254) T

02[QT]TG5902:B3273/8636/27

Key:

T = TCL/TAL analysis.

B = Also present in blank.

ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-4

PCB RESULTS FOR SOIL SAMPLES
COMPRESSOR BUILDING AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A001	0 - 6	ND
	A002	6 - 12	ND
02	A003	0 - 6	ND
	A004	6 - 12	ND
03	A005	0 - 6	ND
	A006	6 - 12	ND
04	A007	0 - 6	ND
	A008	6 - 12	ND
05	A009	0 - 6	ND
	A010	6 - 12	ND
06	A012	0 - 6	ND
	A013	6 - 12	ND
07	A014	0 - 6	ND
	A015	6 - 12	ND
08	A016	0 - 6	ND
	A017	6 - 12	ND
09	A018	0 - 6	ND
	A019	6 - 12	ND
10	A020	0 - 6	ND
	A021	6 - 12	ND
11	A023	0 - 6	ND
	A024	6 - 12	ND
12	A025	0 - 6	ND
	A026	6 - 12	ND
13	A027	0 - 6	ND
	A028	6 - 12	ND
14	A029	0 - 6	ND
	A030	6 - 12	ND

02[QT]TG5902:D3273/8636/27

Key at end of table.

Table 4-4 (Cont.)

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
15	A031	0 - 6	ND
	A032	6 - 12	ND
16	A034	0 - 6	1.4 {1254}
	A035	6 - 12	1.3 {1254}
17	A036	0 - 6	ND
	A037	6 - 12	ND
18	A038	0 - 6	ND
	A039	6 - 12	ND
19	A040	0 - 6	ND
	A041	6 - 12	ND
22	A047	0 - 6	940 {1254} T
	A048	6 - 12	94 {1254} T
23	A049	0 - 6	ND
	A050	6 - 12	ND
24	A051	0 - 6	3.3 {1254}
	A052	6 - 12	5.1 {1254}
25	A053	0 - 6	ND
	A054	6 - 12	ND
26	A056	0 - 6	150 {1254} T
	A057	6 - 12	7.5 {1248} T
27	A058	0 - 6	ND
	A059	6 - 12	ND
28	A060	0 - 6	ND
	A061	6 - 12	1.3 {1254}
29	A062	0 - 6	1.2 {1254}
	A063	6 - 12	ND
30	A064	0 - 6	16 {1254} T
	A065	6 - 12	5.3 {1254} T
31	A067	0 - 6	ND
	A068	6 - 12	ND

02[QT]TG5902:D3273/8636/27

Key at end of table.

Table 4-4 (Cont.)

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
32	A069	0 - 6	130 {1254}
	A070	6 - 12	11 {1254}
33	A071	0 - 6	5.4 {1254}
	A072	6 - 12	2.1 {1254}
34	A073	0 - 6	5.2 {1248} T
	A074	6 - 12	ND T
35	A075	0 - 6	ND
	A076	6 - 12	ND
36	A078	0 - 6	2.7 {1254}
	A079	6 - 12	1.7 {1254}
37	A080	0 - 6	2.2 {1254}
	A081	6 - 12	ND

02[QT]TG5902:D3273/8636/27

Key:

T = TCL/TAL analysis.
 ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-5

PCB RESULTS FOR CRANKCASE OIL SAMPLES
AIR COMPRESSOR AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Analytical Result (mg/kg)
01	A440	ND
02	A441	ND

02[QT]TG5902:D3273/8636/27

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-6

PCB RESULTS FOR SEDIMENT SAMPLE
DRAINLINE A OIL TRAP
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A375	0 - 6	2.8 (1254)

02[QT]TG5902:D3273/8636/27

Key:

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-7

PCB RESULTS FOR SOIL SAMPLE
DRAINLINE A OUTFALL AREA (ON SITE)
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A371	0 - 6	ND T
02[QT]TG5902:D3273/8636/27			

Key:

T = TCL/TAL analysis.
ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-8

PCB RESULTS FOR SOIL SAMPLE
DRAINLINE A OUTFALL AREA (OFF SITE)
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A373	0 - 6	ND
02[QT]TG5902:D3273/8636/27			

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-9

PCB RESULTS FOR WATER SAMPLE
DRAINLINE A OUTFALL AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Analytical Result ($\mu\text{g/L}$)
01	A372	ND
02[QT]TG5902:D3273/8636/27		

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-10

PCB RESULTS FOR SEDIMENT SAMPLES
DRAINLINE B MANHOLES
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A376	0 - 6	0.56 (1254)
02	A377	0 - 6	0.99 (1254)

02[QT]TG5902:D3273/8636/27

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-11

PCB RESULTS FOR SEDIMENT SAMPLE
DRAINLINE B OIL/WATER SEPARATOR
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
04	A379	0 - 6	2,300 {1254}
	A379	0 - 6	580 {1248}

02[QT]TG5902:D3273/8636/27

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-12

PCB RESULTS FOR WATER SAMPLE
DRAINLINE B OUTFALL AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Analytical Result ($\mu\text{g/L}$)
01	A382	0.60 (1254)
02[QT]TG5902:D3273/8636/27		

Note: Number in parentheses identifies
specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-13

PCB RESULTS FOR SOIL SAMPLES
DRAINAGE DITCH C AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A347	0 - 6	ND
02	A349	0 - 6	ND
03	A350	0 - 6	ND
04	A351	0 - 6	ND
05	A352	0 - 6	ND
06	A353	0 - 6	ND
07	A354	0 - 6	ND

02[QT]TG5902:D3273/8636/27

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-14

PCB RESULTS FOR SOIL SAMPLE
DRAINLINE C OUTFALL AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Analytical Result (mg/kg)
01	A383	ND T

02[QT]TG5902:D3273/8636/27

Key:

T = TCL/TAL analysis.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-15
PCB RESULTS FOR WATER SAMPLE
DRILLWATER
COMPRESSOR STATION 224

Sample Number	Analytical Result ($\mu\text{g/L}$)
A801	ND T
02[QT]TG5902:D3273/8636/27	

Key:

T = TCL/TAL analysis.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-16
 PCB RESULTS FOR SOIL SAMPLES
 METER BUILDING AREA
 COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A341	0 - 6	ND
	A342	6 - 12	ND

02[QT]TG5902:D3273/8636/27

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-17

PCB RESULTS FOR WIPE SAMPLE
METER BUILDING AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Analytical Result ($\mu\text{g}/\text{cm}^2$)
02	A343	0.41 (1248)
02[TG5902]D3273/45/27		

Note: Number in parentheses identifies
specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-18

PCB RESULTS FOR SOIL SAMPLES
MAINLINE GAS VALVE AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A355	0 - 6	ND
02	A357	0 - 6	ND
03	A358	0 - 6	ND

02[QT]TG5902:D3273/8636/27

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-19
PCB RESULTS FOR SOIL SAMPLES
MONITORING WELLS
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
MW01	A614	0 - 6	ND
	A615	60 - 66	ND
MW02	A623	0 - 60	ND
	A624	60 -120	ND
	A625	120 -180	ND
MW03	A626	0 - 60	ND
	A627	60 -120	ND
	A628	120 -180	ND
	A629	180 -240	ND
MW04	A616	0 - 60	ND
	A617	60 -120	ND
	A618	120 -180	ND
	A619	180 -216	ND
MW05	A620	0 - 60	ND
	A621	60 -120	2.4 (1254)
	A622	120 -180	ND

02[QT]TG5902:D3273/8636/27

Key:

ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-20

PCB RESULTS FOR SEDIMENT SAMPLES
SEPARATOR POND AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A385	0 - 6	8.7 (1254)
02	A387	0 - 6	ND
03	A388	0 - 6	2.7 (1254)
04	A389	0 - 6	110 (1254)
05	A390	0 - 6	12 (1254)
06	A391	0 - 6	13 (1254)
07	A392	0 - 6	16 (1254)
08	A400	0 - 6	2.1 (1248) T
			3.7 (1254) T
02[QT]TG5902:D3273/8636/27			

Key:

T = TCL/TAL analysis.

ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-21

PCB RESULTS FOR SOIL AND BOREHOLE SAMPLES
FORMER BURN PIT AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)	
01	A246	0 - 6	ND	
	A247	6 - 12	ND	
02	A248	0 - 6	ND	
	A249	6 - 12	ND	
03	A250	0 - 6	ND	UJ
	A251	6 - 12	ND	
04	A252	0 - 6	ND	
	A253	6 - 12	ND	
05	A254	0 - 6	ND	
	A256	6 - 12	ND	
06	A257	0 - 6	ND	
	A258	6 - 12	ND	
07	A259	0 - 6	ND	
	A260	6 - 12	ND	
08	A261	0 - 6	ND	
	A262	6 - 12	ND	
09	A263	0 - 6	ND	
	A264	6 - 12	ND	
10	A265	0 - 6	ND	
	A266	6 - 12	ND	
11	A268	0 - 6	ND	
	A269	6 - 12	ND	
12	A270	0 - 6	ND	
	A271	6 - 12	1.3	{1254}
13	A272	0 - 6	6.6	{1254}
14	A274	0 - 6	1.5	{1254}
	A275	6 - 12	ND	UJ

02[TG5902]D3273/54/27

Key at end of table.

Table 4-21 (Cont.)

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)	
15	A276	0 - 6	ND	UJ
	A278	6 - 12	ND	UJ
16	A279	0 - 6	ND	
	A280	6 - 12	ND	UJ
17	A281	0 - 6	ND	UJ
	A282	6 - 12	ND	
18	A283	0 - 6	ND	UJ
19	A285	0 - 6	ND	UJ
	A286	6 - 12	ND	
20	A287	0 - 6	ND	UJ
	A288	6 - 12	ND	UJ
21	A290	0 - 6	ND	UJ
	A291	6 - 12	ND	UJ
22	A292	0 - 6	ND	UJ
	A293	6 - 12	ND	
23	A294	0 - 6	ND	UJ
	A295	6 - 12	ND	UJ
24	A296	0 - 6	ND	UJ
	A297	6 - 12	ND	UJ
25	A298	0 - 6	ND	UJ
	A299	6 - 12	ND	UJ

02[TG5902]D3273/54/27

Key:

T = TCL/TAL analysis.

ND = Not detected above detection limit.

UJ = Not detected; quantitation limit may be inaccurate or imprecise.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-22

PCB RESULTS FOR SOIL SAMPLES
SCRAP AREA A/PIPE STORAGE AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)	
01	A336	0 - 6	ND	
02	A337	0 - 6	ND	
Boreholes				
BH01	A601	0 - 24	ND	T
	A602	24 - 48	1.3 (1254)	T
	A603	48 - 72	ND	T
	A604	72 - 96	ND	T
BH02	A605	0 - 24	ND	T
	A606	24 - 48	ND	T
	A607	48 - 72	ND	T
	A608	72 - 96	ND	T
BH03	A609	0 - 24	ND	T
	A610	24 - 48	ND	T
	A611	48 - 72	ND	T
	A612	72 - 96	ND	T

02[TG5902]D3273/55/27

Key:

T = TCL/TAL analysis.
 ND = Not detected above detection limit.
 UJ = Not detected; quantitation limit may be inaccurate or imprecise.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-23
 PCB RESULTS FOR SOIL SAMPLES
 SCRAP AREA B
 COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A338	0 - 6	ND
02	A339	0 - 6	ND

02[QT]TG5902:D3273/8636/27

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-24

PCB RESULTS FOR SOIL SAMPLES
WASTE OIL STORAGE TANK AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
01	A362	0 - 6	2.6 (1248)
	A363	6 - 12	ND
02	A364	0 - 6	ND
	A365	6 - 12	1.3 (1254)
03	A366	0 - 6	ND
	A367	6 - 12	ND
04	A368	0 - 6	1.7 (1254)
	A368	0 - 6	3.2 (1248)
	A369	6 - 12	ND

02[QT]TG5902:D3273/8636/27

Key:

ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-25

PCB RESULTS FOR SOIL SAMPLES
SETTLING TANK AREA
COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)
04	A359	0 - 6	ND
05	A360	0 - 6	4.6 (1254) J
	A360	0 - 6	3.8 (1248) J
06	A361	0 - 6	ND

02[QT]TG5902:D3273/8636/27

Key:

J = Analyte present; reported value may be inaccurate or imprecise.

ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-26

PCB RESULTS FOR SEDIMENT SAMPLES
 TRIBUTARY OF FRENCH CREEK
 COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)	
01	A402	0 - 6	5.3	{1248} T
			9.3	{1254} T
02	A403	0 - 6	6.7	{1254}
03	A404	0 - 6	1.7	{1254}
04	A405	0 - 6	0.79	{1254}
05	A406	0 - 6	0.86	{1254}
06	A407	0 - 6	0.35	{1254}
07	A408	0 - 6	1.8	{1254}
08	A409	0 - 6	0.79	{1254}
09	A410	0 - 6	ND	
10	A412	0 - 6	1.1	{1254}
11	A413	0 - 6	0.77	{1254}
12	A414	0 - 6	2.3	{1254}
13	A415	0 - 6	0.16	{1254}
14	A416	0 - 6	ND	
15	A417	0 - 6	0.25	{1254}
16	A419	0 - 6	1.3	{1248} T
			1.6	{1254} T
17	A420	0 - 6	ND	
18	A421	0 - 6	ND	
19	A422	0 - 6	0.42	{1254}
20	A424	0 - 6	0.52	{1254}
21	A425	0 - 6	ND	
22	A426	0 - 6	17	{1254}
23	A427	0 - 6	14	{1254}

02[QT]TG5902:D3273/8636/27

Key at end of table.

Table 4-26 (Cont.)

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result (mg/kg)	
24	A428	0 - 6	0.23	{1254}
25	A431	0 - 6	ND	T
26	A433	0 - 6	ND	T
02[QT]TG5902:D3273/8636/27				

Key:

T = TCL/TAL analysis.

ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-27

PCB RESULTS FOR WATER SAMPLES
 TRIBUTARY OF FRENCH CREEK
 COMPRESSOR STATION 224

Sample Node	Sample Number	Sample Depth (inches)	Analytical Result ($\mu\text{g/L}$)
01	A401		ND
16	A418		ND
25	A429		1.1 (1254)
26	A432		ND

02[QT]TG5902:D3273/8636/27

Key:

ND = Not detected above detection limit.

Note: Number in parentheses identifies specific Aroclor.

Source: Ecology and Environment, Inc. 1991.

Table 4-28

SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLES
AUXILIARY BUILDING AREA
COMPRESSOR STATION 224

Parameter	Node:	Analytical Result			
		15		16	17
		0 - 6"		0 - 6"	0 - 6"
	Sample No.:	A170	A171	A172	A173
1,1,1-Trichloroethane		ND	ND	ND	ND
1,1-Dichloroethane		ND	27	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND
Acenaphthene		ND	ND	ND	ND
Acetone		28 B	45 B	ND	13 B
Anthracene		ND	ND	ND	ND
Benzidine		ND	ND	ND	ND
Benzo(A)Anthracene		ND	ND	ND	ND
Benzo(A)Pyrene		ND	ND	ND	ND
Benzo(B)Fluoranthene		ND	ND	ND	ND
Benzo(G,H,I)Perylene		ND	ND	ND	ND
Benzo(K)Fluoranthene		ND	ND	ND	ND
Beta-BHC		ND	ND	ND	ND
Bis(2-Ethylhexyl)Phthalate		ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND
Chloroform		ND	ND	ND	ND
Chrysene		ND	ND	ND	ND
Di-N-Butyl-Phthalate		ND	ND	ND	ND
Dibenzo(A,H)Anthracene		ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND
Fluoranthene		ND	ND	ND	ND
Fluorene		ND	ND	ND	ND
Indeno(1,2,3-cd)Pyrene		ND	ND	ND	ND

02(TG5902)D3273/4/17

Key at end of table.

Table 4-28 (Cont.)

Parameter	Node:	Analytical Result			
		15		16	17
		0 - 6"	6 - 12"	0 - 6"	0 - 6"
Sample No.:		A170	A171	A172	A173
Methylene Chloride		6.2 B	ND	7.8 B	ND
Naphthalene		ND	ND	ND	ND
Phenanthrene		ND	ND	ND	ND
Pyrene		ND	ND	ND	ND

02[TG5902]D3273/4/17

Note: All concentrations are in $\mu\text{g/kg}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-29

SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLES
AIR RECEIVER TANK AREA
COMPRESSOR STATION 224

Parameter	Node:	Analytical Result			
		02		24	
		Depth:		Depth:	
		0 - 6"	6 - 12"	0 - 6"	6 - 12"
Sample No.:		A188	A189	A236	A237
1,1,1-Trichloroethane		720 X	5,800	ND	ND
1,1-Dichloroethane		61	ND	ND	ND
1,1-Dichloroethene		24	ND	ND	ND
Acenaphthene		ND	ND	ND	ND
Acetone		38 B	2,500 B	16 B	ND
Anthracene		ND	ND	ND	ND
Benzidine		ND	ND	ND	ND
Benzo(A)Anthracene		ND	ND	ND	ND
Benzo(A)Pyrene		ND	ND	ND	ND
Benzo(B)Fluoranthene		ND	ND	ND	ND
Benzo(G,H,I)Perylene		ND	ND	ND	ND
Benzo(K)Fluoranthene		ND	ND	ND	ND
Beta-BHC		ND	ND	ND	ND
Bis(2-Ethylhexyl)Phthalate		ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND
Chloroform		ND	ND	ND	ND
Chrysene		ND	ND	ND	ND
Di-N-Butyl-Phthalate		ND	ND	ND	ND
Dibenzo(A,H)Anthracene		ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND
Fluoranthene		ND	ND	ND	ND
Fluorene		ND	ND	ND	ND
Indeno(1,2,3-cd)Pyrene		ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	5.6 B

02[TG5902]D3273/3/19

Key at end of table.

Table 4-29 (Cont.)

Parameter	Node:	Analytical Result			
		02		24	
		Depth:		Depth:	
		0 - 6"	6 - 12"	0 - 6"	6 - 12"
Sample No.:		A188	A189	A236	A237
Naphthalene		ND	ND	ND	ND
Phenanthrene		ND	ND	ND	ND
Pyrene		ND	ND	ND	ND

02[TG5902]D3273/3/19

Note: All concentrations are in $\mu\text{g/kg}$.

Key:

B = Also present in blank.
 ND = Not detected above detection limit.
 X = Value exceeded calibration limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-30

**SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLES
COMPRESSOR BUILDING AREA
COMPRESSOR STATION 224**

Parameter	Node:	Analytical Result			
		22		26	
		Depth:		Depth:	
		0 - 6"	6 - 12"	0 - 6"	6 - 12"
Sample No.:		A047	A048	A056	A057
1,1,1-Trichloroethane		ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND
Acenaphthene		ND	ND	ND	ND
Acetone		55 B	19 B	32 B	21 B
Anthracene		ND	ND	ND	ND
Benzidine		ND	ND	ND	ND
Benzo(A)Anthracene		ND	ND	ND	ND
Benzo(A)Pyrene		ND	ND	ND	ND
Benzo(B)Fluoranthene		ND	ND	ND	ND
Benzo(G,H,I)Perylene		ND	ND	ND	ND
Benzo(K)Fluoranthene		ND	ND	ND	ND
Beta-BHC		ND	ND	ND	ND
Bis(2-Ethylhexyl)Phthalate		ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND
Carbon Disulfide		12	ND	ND	ND
Chloroform		ND	ND	ND	ND
Chrysene		ND	ND	ND	ND
Di-N-Butyl-Phthalate		ND	ND	ND	ND
Dibenzo(A,H)Anthracene		ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND
Fluoranthene		ND	ND	ND	ND
Fluorene		ND	ND	ND	ND
Indeno(1,2,3-cd)Pyrene		ND	ND	ND	ND
Methylene Chloride		7.2 B	6.0 B	ND	8.6 B
Naphthalene		ND	ND	ND	ND
Phenanthrene		ND	ND	ND	ND
Pyrene		ND	ND	ND	ND

02[TG5902]D3273/1/17

Key at end of table.

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Table 4-30 (Cont.)

Parameter	Node:	Analytical Result			
		30		34	
		Depth:		Depth:	
		0 - 6"	6 - 12"	0 - 6"	6 - 12"
Sample No.:		A064	A065	A073	A074
1,1,1-Trichloroethane		ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND
Acenaphthene		ND	ND	ND	ND
Acetone		ND	19 B	ND	18 B
Anthracene		ND	ND	ND	ND
Benzidine		ND	ND	ND	ND
Benzo(A)Anthracene		ND	ND	ND	ND
Benzo(A)Pyrene		ND	ND	ND	ND
Benzo(B)Fluoranthene		ND	ND	ND	ND
Benzo(G,H,I)Perylene		ND	ND	ND	ND
Benzo(K)Fluoranthene		ND	ND	ND	ND
Beta-BHC		ND	ND	ND	ND
Bis(2-Ethylhexyl)Phthalate		ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND
Chloroform		ND	ND	ND	ND
Chrysene		ND	ND	ND	ND
Di-N-Butyl-Phthalate		ND	ND	ND	ND
Dibenzo(A,H)Anthracene		ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND
Fluoranthene		ND	ND	ND	ND
Fluorene		ND	ND	ND	ND
Indeno(1,2,3-cd)Pyrene		ND	ND	ND	ND
Methylene Chloride		8.9 B	8.7 B	7.4 B	ND
Naphthalene		ND	ND	ND	ND
Phenanthrene		ND	ND	ND	ND
Pyrene		ND	ND	ND	ND

02[TG5902]D3273/1/17

Note: All concentrations are in $\mu\text{g}/\text{kg}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

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Table 4-31

**SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLES
DRAINLINE A OUTFALL AREA (ON SITE)
COMPRESSOR STATION 224**

Parameter	Analytical Result	
	Node:	01
	Depth:	0 - 6"
	Sample No.:	A371
1,1,1-Trichloroethane		ND
1,1-Dichloroethane		ND
1,1-Dichloroethene		ND
Acenaphthene		ND
Acetone		ND
Anthracene		ND
Benzidine		3,200
Benzo(A)Anthracene		ND
Benzo(A)Pyrene		ND
Benzo(B)Fluoranthene		ND
Benzo(G,H,I)Perylene		ND
Benzo(K)Fluoranthene		ND
Beta-BHC		7.2
Bis(2-Ethylhexyl)Phthalate		680 B
Bromodichloromethane		ND
Carbon Disulfide		ND
Chloroform		ND
Chrysene		ND
Di-N-Butyl-Phthalate		ND
Dibenzo(A,H)Anthracene		ND
Dibenzofuran		ND
Fluoranthene		650
Fluorene		ND
Indeno(1,2,3-cd)Pyrene		ND
Methylene Chloride		14 B

02[TG5902]D3273/2/34

Key at end of table.

Table 4-31 (Cont.)

Parameter	Analytical Result	
	Node:	01
	Depth:	0 - 6"
	Sample No.:	A371
Naphthalene		ND
Phenanthrene		590
Pyrene		650
02[TG5902]D3273/2/34		

Note: All concentrations are in $\mu\text{g}/\text{kg}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-32

SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLE
DRAINLINE B OUTFALL AREA
COMPRESSOR STATION 224

		Analytical Result
Node:		01
Depth:		0 - 6"
Parameter	Sample Number:	A381
1,1,1-Trichloroethane		ND
1,1-Dichloroethane		ND
1,1-Dichloroethene		ND
Acenaphthene		ND
Acetone		16 B
Anthracene		ND
Benzidine		ND
Benzo(A)Anthracene		ND
Benzo(A)Pyrene		ND
Benzo(B)Fluoranthene		ND
Benzo(G,H,I)Perylene		ND
Benzo(K)Fluoranthene		ND
Bis(2-Ethylhexyl)Phthalate		ND
Bromodichloromethane		ND
Carbon Disulfide		ND
Chloroform		ND
Chrysene		ND
Di-N-Butyl-Phthalate		ND
Dibenzo(A,H)Anthracene		ND
Dibenzofuran		ND
Fluoranthene		ND
Fluorene		ND
Indeno(1,2,3-cd)Pyrene		ND
Methylene Chloride		12 B
Naphthalene		ND

02[TG5902]D3273/5/32.

Key at end of table.

Table 4-32 (Cont.)

		Analytical Result
Node:		01
Depth:		0 - 6"
Parameter	Sample Number:	A381
Phenanthrene		ND
Pyrene		ND

02[TG5902]D3273/5/32

Note: All concentrations are in $\mu\text{g/kg}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-33

SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLE
DRAINLINE C OUTFALL AREA
COMPRESSOR STATION 224

		Analytical Result
Node:		01
Depth:		0 - 6"
Parameter	Sample Number:	A383
1,1,1-Trichloroethane		ND
1,1-Dichloroethane		ND
1,1-Dichloroethene		ND
Acenaphthene		ND
Acetone		ND
Anthracene		ND
Benzidine		ND
Benzo(A)Anthracene		ND
Benzo(A)Pyrene		ND
Benzo(B)Fluoranthene		ND
Benzo(G,H,I)Perylene		ND
Benzo(K)Fluoranthene		ND
Bis(2-Ethylhexyl)Phthalate		ND
Bromodichloromethane		ND
Carbon Disulfide		ND
Chloroform		ND
Chrysene		ND
Di-N-Butyl-Phthalate		ND
Dibenzo(A,H)Anthracene		ND
Dibenzofuran		ND
Fluoranthene		ND
Fluorene		ND
Indeno(1,2,3-cd)Pyrene		ND
Methylene Chloride		13 B
Naphthalene		ND

02[TG5902]D3273/12/32

Key at end of table.

Table 4-33 (Cont.)

		Analytical Result
Node:		01
Depth:		0 - 6"
Parameter	Sample Number:	A383
Phenanthrene		ND
Pyrene		ND

02[TG5902]D3273/12/32

Note: All concentrations are in $\mu\text{g/kg}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-34

SUMMARY OF ORGANIC TCL RESULTS FOR WATER SAMPLE
DRILLWATER
COMPRESSOR STATION 224

Parameter	Well Number:	Analytical Result
	Sample Number:	MW00
		A801
1,1,1-Trichloroethane		ND
1,1-Dichloroethane		ND
1,1-Dichloroethene		ND
Acenaphthene		ND UJ
Acetone		13 B J
Anthracene		ND UJ
Benzidine		ND UJ
Benzo(A)Anthracene		ND UJ
Benzo(A)Pyrene		ND UJ
Benzo(B)Fluoranthene		ND UJ
Benzo(K)Fluoranthene		ND UJ
Beta-BHC		0.055 B J
Bis(2-Ethylhexyl)Phthalate		ND UJ
Bromodichloromethane		10
Carbon Disulfide		ND
Chlorodibromomethane		5.2
Chloroform		29
Chrysene		ND UJ
Di-N-Butyl-Phthalate		ND UJ
Dibenzo(A,H)Anthracene		ND UJ
Dibenzofuran		ND UJ
Fluoranthene		ND UJ
Fluorene		ND UJ
Indeno(1,2,3-cd)Pyrene		ND UJ
Methylene Chloride		7.6 B
Naphthalene		ND UJ

02{TG5902}D3273/7/32

Key at end of table.

Table 4-34 (Cont.)

		Analytical Result
Well Number:		MW00
Parameter	Sample Number:	A801
Phenanthrene		ND
Pyrene		ND
		02[TG5902]D3273/7/32

Note: All concentrations are in $\mu\text{g/L}$.

Key:

- B = Also present in blank.
- J = Analyte present. Reported value may be inaccurate or imprecise.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.
- ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-35

SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLE
SEPARATOR POND AREA
COMPRESSOR STATION 224

		Analytical Result
Node:		08
Depth:		0 - 6"
Parameter	Sample Number:	A400
1,1,1-Trichloroethane		ND
1,1-Dichloroethane		ND
1,1-Dichloroethene		ND
Acenaphthene		ND
Acetone		58 B
Anthracene		ND
Benzidine		ND
Benzo(A)Anthracene		ND
Benzo(A)Pyrene		ND
Benzo(B)Fluoranthene		ND
Benzo(G,H,I)Perylene		ND
Benzo(K)Fluoranthene		ND
Bis(2-Ethylhexyl)Phthalate		470 B
Bromodichloromethane		ND
Carbon Disulfide		ND
Chloroform		ND
Chrysene		ND
Di-N-Butyl-Phthalate		ND
Dibenzo(A,H)Anthracene		ND
Dibenzofuran		ND
Fluoranthene		ND
Fluorene		ND
Indeno(1,2,3-cd)Pyrene		ND
Methylene Chloride		14 B
Naphthalene		ND

02[TG5902]D3273/8/32

Key at end of table.

Table 4-35 (Cont.)

		Analytical Result
Node:		08
Depth:		0 - 6"
Parameter	Sample Number:	A400
Phenanthrene		ND
Pyrene		ND

02(TG5902)D3273/8/32

Note: All concentrations are in $\mu\text{g/kg}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-36

SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLES
FORMER BURN PIT AREA
COMPRESSOR STATION 224

Parameter	Node:	Analytical Result						
		BH01				BH02		
		0 - 24"	24 - 48"	48 - 72"	72 - 96"	0 - 24"	24 - 48"	48 - 72"
	Sample Number:	A601	A602	A603	A604	A605	A606	A607
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND
Acenaphthene		ND	2,100	ND	ND	3,900	ND	ND
Acetone		30 B	38 B	16 B	30 B	38 B	23 B	ND
Anthracene		ND	3,100	ND	ND	6,000	ND	ND
Benzidine		ND	ND	ND	ND	ND	ND	ND
Benzo(A)Anthracene		ND	6,400	ND	ND	12,000	ND	ND
Benzo(A)Pyrene		ND	4,700	ND	ND	9,200	ND	ND
Benzo(B)Fluoranthene		ND	6,000	ND	ND	9,700	ND	ND
Benzo(G,H,I)Perylene		ND	2,600	ND	ND	4,600	ND	ND
Benzo(K)Fluoranthene		ND	1,600	ND	ND	6,800	ND	ND

02[TG5902]D3273/9/9

Key at end of table.

Table 4-36 (Cont.)

Parameter	Node:	Analytical Result						
		BH01				BH02		
		0 - 24"	24 - 48"	48 - 72"	72 - 96"	0 - 24"	24 - 48"	48 - 72"
	Sample Number:	A601	A602	A603	A604	A605	A606	A607
Beta-BHC		ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)Phthalate		ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND
Chrysene		ND	6,600	ND	ND	12,000	ND	ND
Di-N-Butyl-Phthalate		ND	ND	ND	ND	ND	ND	490 B
Dibenzo(A,H)Anthracene		ND	ND	ND	ND	1,400	ND	ND
Dibenzofuran		ND	940	ND	ND	ND	ND	ND
Fluoranthene		ND	13,000	ND	ND	22,000	ND	ND
Fluorene		ND	1,600	ND	ND	3,200	ND	ND
Indeno(1,2,3-cd)Pyrene		ND	3,100	ND	ND	5,800	ND	ND
Methylene Chloride		3.5 B	12 B	9.8 B	18 B	9.2 B	8.3 B	9.4 B
Naphthalene		ND	1,400	ND	ND	3,800	ND	ND
Phenanthrene		ND	12,000	ND	ND	24,000	ND	ND
Pyrene		ND	11,000	ND	ND	29,000	ND	ND

02[TG5902]D3273/9/9

Key at end of table.

Table 4-36 (Cont.)

Parameter	Node:	Analytical Result				
		BH02	BH03			
	Depth:	72 - 96"	0 - 24"	24 - 48"	48 - 72"	72 - 96"
Sample Number:		A608	A609	A610	A611	A612
1,1,1-Trichloroethane		ND	ND UJ	ND UJ	ND	ND
1,1-Dichloroethane		ND	ND UJ	ND UJ	ND	ND
1,1-Dichloroethene		ND	ND UJ	ND UJ	ND	ND
Acenaphthene		ND	ND	ND	ND	ND
Acetone		44 B	32 B J	19 B J	46 B	24 B
Anthracene		ND	ND	ND	ND	ND
Benzidine		ND	ND	ND	ND	ND
Benzo(A)Anthracene		580	ND	ND	ND	ND
Benzo(A)Pyrene		490	ND	ND	ND	ND
Benzo(B)Fluoranthene		860	ND	ND	ND	ND
Benzo(G,H,I)Perylene		ND	ND	ND	ND	ND
Benzo(K)Fluoranthene		ND	ND	ND	ND	ND
Beta-BHC		ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)Phthalate		ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND UJ	ND UJ	ND	ND

02[TG5902]D3273/9/9

Key at end of table.

Table 4-36 (Cont.)

Parameter	Node:	Analytical Result				
		BH02	BH03			
		72 - 96"	0 - 24"	24 - 48"	48 - 72"	72 - 96"
Sample Number:		A608	A609	A610	A611	A612
Carbon Disulfide		ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND
Chrysene		600	ND	ND	ND	ND
Di-N-Butyl-Phthalate		ND	ND	ND	530 B	ND
Dibenzo(A,H)Anthracene		ND	ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND	ND
Fluoranthene		1,100	ND	ND	ND	ND
Fluorene		ND	ND	ND	ND	ND
Indeno(1,2,3-cd)Pyrene		ND	ND	ND	ND	ND
Methylene Chloride		12 B	11 B	9.4 B	9.1 B	8.2 B
Naphthalene		ND	ND	ND	ND	ND
Phenanthrene		900	ND	ND	ND	ND
Pyrene		1,200	ND	ND	ND	ND

02[TG5902]D3273/9/9

Note: All concentrations are in $\mu\text{g}/\text{kg}$.

Key:

B = Also present in blank.

J = Analyte present. Reported value may be inaccurate or imprecise.

ND = Not detected above detection limit.

UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 4-37

SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLES
 TRIBUTARY OF FRENCH CREEK
 COMPRESSOR STATION 224

Parameter	Analytical Result				
	Node:	01	16	25	26
	Depth:	0 - 6"	0 - 6"	0 - 6"	0 - 6"
Sample Number:	A402	A419	A431	A433	
1,1,1-Trichloroethane	ND	ND	ND	ND	
1,1-Dichloroethane	ND	ND	ND	ND	
1,1-Dichloroethene	ND	ND	ND	ND	
Acenaphthene	ND	ND	ND	ND	
Acetone	560 B	70 B	24 B	32 B	
Anthracene	ND	ND	ND	ND	
Benzidine	ND	ND	ND	ND	
Benzo(A)Anthracene	ND	ND	ND	ND	
Benzo(A)Pyrene	ND	ND	ND	ND	
Benzo(B)Fluoranthene	ND	ND	ND	ND	
Benzo(G,H,I)Perylene	ND	ND	ND	ND	
Benzo(K)Fluoranthene	ND	ND	ND	ND	
Bis(2-Ethylhexyl)Phthalate	ND	700 B	820 B	ND	
Bromodichloromethane	ND	ND	ND	ND	
Carbon Disulfide	ND	ND	ND	ND	
Chloroform	ND	ND	ND	ND	
Chrysene	ND	ND	ND	ND	
Di-N-Butyl-Phthalate	ND	ND	ND	ND	
Dibenzo(A,H)Anthracene	ND	ND	ND	ND	
Dibenzofuran	ND	ND	ND	ND	
Fluoranthene	ND	ND	ND	ND	
Fluorene	ND	ND	ND	ND	
Indeno(1,2,3-cd)Pyrene	ND	ND	ND	ND	
Methylene Chloride	ND	ND	14 B	14 B	
Naphthalene	ND	ND	ND	ND	

02[TG5902]D3273/10/18

Key at end of table.

Table 4-37 (Cont.)

		Analytical Result			
		01	16	25	26
	Node:	01	16	25	26
	Depth:	0 - 6"	0 - 6"	0 - 6"	0 - 6"
Parameter	Sample Number:	A402	A419	A431	A433
Phenanthrene		ND	ND	ND	ND
Pyrene		ND	ND	ND	ND

02[TG5902]D3273/10/18

Note: All concentrations are in $\mu\text{g/kg}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-38

**SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLES
AUXILIARY BUILDING AREA
COMPRESSOR STATION 224**

Parameter	Node:	Analytical Result			
		15		16	17
		Depth:		Depth:	Depth:
		0 - 6"	6 - 12"	0 - 6"	0 - 6"
Sample Number:		A170	A171	A172	A173
Aluminum		14,000 J	14,000 J	13,000 J	9,400 J
Antimony		ND UJ	ND UJ	ND UJ	ND UJ
Arsenic		7.1 J	6.2 J	7.2 J	6.5 J
Barium		76 J	67 J	83 J	64 J
Beryllium		0.55	0.34	0.54	0.36
Cadmium		6.2 J	4.4 J	5.2 J	3.3 J
Calcium		2,800 J	2,300 J	5,400 J	37,000 J
Chromium		31 J	18 J	31 J	24 J
Cobalt		15 J	8.4 J	15 J	7.6 J
Copper		25 J	17 J	26 J	16 J
Iron		35,000 J	27,000 J	33,000 J	21,000 J
Lead		22	33	28	21
Magnesium		3,700 J	2,700 J	3,700 J	16,000 J
Manganese		390 J	340 J	640 J	560 J
Mercury		ND	ND	ND	ND
Nickel		30 J	21 J	31 J	16 J
Potassium		2,300 J	1,400 J	2,100 J	1,200 J
Selenium		ND UJ	ND UJ	ND UJ	ND UJ
Sodium		70	62	81	71
Thallium		ND	ND	ND	ND
Total Cyanide		6.3	50	4.0	11
Vanadium		25 J	27 J	25 J	19 J
Zinc		91 J	66 J	200 J	98 J

02[TG5902]D3273/13/19

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.
 ND = Not detected above detection limit.
 UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.
recycled paper

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Table 4-39

**SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLES
AIR RECEIVER TANK AREA
COMPRESSOR STATION 224**

Parameter	Node: Depth: Sample Number:	Analytical Result			
		02		24	
		0 - 6"	6 - 12"	0 - 6"	6 - 12"
		A188	A189	A236	A237
Aluminum		12,000	11,000	9,500	11,000
Antimony		ND UJ	ND UJ	ND UJ	ND UJ
Arsenic		7.2 J	15 J	3.4 J	7.3 J
Barium		69	65	72	59
Beryllium		0.46	0.44	0.14	0.16
Cadmium		4.7	5.4	4.2	3.4
Calcium		5,500	3,100	32,000	19,000
Chromium		17	18	15	17
Cobalt		12	11	8.9	9.0
Copper		22	20	21	20
Iron		29,000	30,000	22,000	28,000
Lead		30	48	48	27
Magnesium		3,700 J	3,400 J	4,800 J	3,000 J
Manganese		420	420	270	620
Mercury		ND	ND	ND	ND
Nickel		26	26	18	20
Potassium		1,500	1,800	1,300	1,300
Selenium		ND UJ	ND UJ	ND UJ	ND UJ
Sodium		ND	ND	ND	ND
Thallium		ND UJ	ND UJ	ND UJ	ND UJ
Total Cyanide		26	4.0	3.8	12
Vanadium		23	22	14	17
Zinc		72	77	98	64

02[TG5902]D3273/14/19

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.

ND = Not detected above detection limit.

UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.
recycled paper

ecology and environment

Table 4-40

**SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLES
COMPRESSOR BUILDING AREA
COMPRESSOR STATION 224**

Parameter	Node: Depth: Sample Number:	Analytical Result						
		22		26		30		34
		0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"
		A047	A048	A056	A057	A064	A065	A073
Aluminum		12,000	13,000	15,000 J	14,000 J	13,000 J	14,000 J	12,000 J
Antimony		ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Arsenic		9.8	6.6	6.0 J	9.1 J	8.5 J	7.1 J	5.8 J
Barium		79	89	100 J	81 J	81 J	93 J	95 J
Beryllium		0.47	0.50	0.49	0.48	0.44	0.46	0.39
Cadmium		7.7	4.8	6.6 J	5.7 J	5.5 J	5.8 J	5.1 J
Calcium		19,000	2,800	3,500 J	4,200 J	3,200 J	3,100 J	10,000 J
Chromium		26	33	27 J	19 J	20 J	32 J	41 J
Cobalt		12	14	13 J	13 J	12 J	12 J	11 J
Copper		140	31	74 J	31 J	27 J	28 J	66 J
Iron		42,000	31,000	35,000 J	340,000 J	31,000 J	34,000 J	28,000 J
Lead		99	19	31	25	28	70	33

02[TG5902]D3273/15/10

Key at end of table.

Table 4-40 (Cont.)

Parameter	Node:	Analytical Result						
		22		26		30		34
		Depth:		Depth:		Depth:		Depth:
		0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"
Sample Number:		A047	A048	A056	A057	A064	A065	A073
Magnesium		13,000	3,500	3,900 J	5,400 J	3,700 J	3,600 J	4,000 J
Manganese		470	380	560 J	600 J	390 J	500 J	470 J
Mercury		ND	ND	ND	ND	ND	ND	ND
Nickel		33	29	29 J	25 J	26 J	27 J	27 J
Potassium		1,600	1,900	1,800 J	1,400 J	1,800 J	1,900 J	1,800 J
Selenium		1.7	ND	ND UJ	2.0 J	ND UJ	1.2 UJ	ND UJ
Sodium		87	68	71	78	67	81	67
Thallium		ND	ND	ND	0.34	ND	ND	ND
Total Cyanide		8.4	7.8	8.7	5.2	7.8	10	4.2
Vanadium		24	25	24 J	24 J	22 J	24 J	22 J
Zinc		220	170	150 J	83 J	480 J	600 J	220 J

02[TG5902]D3273/15/10

Key at end of table.

Table 4-40 (Cont.)

		Analytical Result
Node:		34
Depth:		6 - 12"
Parameter	Sample Number:	A074
Aluminum		13,000 J
Antimony		ND UJ
Arsenic		6.0 J
Barium		73 J
Beryllium		0.47
Cadmium		5.8 J
Calcium		2,700 J
Chromium		20 J
Cobalt		15 J
Copper		24 J
Iron		34,000 J
Lead		100
Magnesium		3,300 J
Manganese		470 J
Mercury		ND

02[TG5902]D3273/15/10

Key at end of table.

Table 4-40 (Cont.)

		Analytical Result
Node:		34
Depth:		6 - 12"
Parameter	Sample Number:	A074
Nickel		27 J
Potassium		1,600 J
Selenium		ND UJ
Sodium		ND
Thallium		0.60
Total Cyanide		6.4
Vanadium		25
Zinc		76

02[TG5902]D3273/15/10

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.
ND = Not detected above detection limit.
UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 4-41

**SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLE
DRAINLINE A OUTFALL AREA (ON SITE)
COMPRESSOR STATION 224**

	Analytical Result
Node:	01
Depth:	0 - 6"
Parameter	Sample Number: A371
Aluminum	8,900
Antimony	ND
Arsenic	11 J
Barium	53 J
Beryllium	0.58
Cadmium	3.8
Calcium	4,000
Chromium	13 J
Cobalt	8.2 J
Copper	16
Iron	19,000
Lead	36
Magnesium	2,000
Manganese	600 J
Mercury	ND
Nickel	12 J
Potassium	740
Selenium	ND UJ
Sodium	ND
Thallium	ND UJ

02[TG5902]D3273/16/33

Key at end of table.

Table 4-41 (Cont.)

		Analytical Result
Node:		01
Depth:		0 - 6"
Parameter	Sample Number:	A371
Total Cyanide		380
Vanadium		30
Zinc		120

02[TG5902]D3273/16/33

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be
inaccurate or imprecise.
ND = Not detected above detection limit.
UJ = Not detected, quantitation limit may be
inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 4-42

SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLE
DRAINLINE B OUTFALL AREA
COMPRESSOR STATION 224

	Analytical Result
Node:	01
Depth:	0 - 6"
Parameter	Sample Number: A381
Aluminum	10,000
Antimony	ND
Arsenic	17 J
Barium	51 J
Beryllium	0.58
Cadmium	4.5
Calcium	1,200
Chromium	15 J
Cobalt	11 J
Copper	19
Iron	23,000
Lead	45
Magnesium	2,100
Manganese	600 J
Mercury	ND
Nickel	16 J
Potassium	580
Selenium	ND UJ
Sodium	ND
Thallium	ND UJ

02[TG5902]D3273/17/33

Key at end of table.

Table 4-42 (Cont.)

		Analytical Result
Node:		01
Depth:		0 - 6"
Parameter	Sample Number:	A381
Total Cyanide		58
Vanadium		35
Zinc		58

02[TG5902]D3273/17/33

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be
inaccurate or imprecise.
ND = Not detected above detection limit.
UJ = Not detected, quantitation limit may be
inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 4-43

SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLE
DRAINLINE C OUTFALL AREA
COMPRESSOR STATION 224

		Analytical Result
Node:	01	
Depth:	0 - 6"	
Parameter	Sample Number:	A383
Aluminum		6,800
Antimony		ND
Arsenic		10 J
Barium		69 J
Beryllium		0.62
Cadmium		3.7
Calcium		4,800
Chromium		10 J
Chromium+6		ND
Cobalt		8.0 J
Copper		13
Iron		18,000
Lead		26
Magnesium		1,600
Manganese		1,100 J
Mercury		ND
Nickel		13 J
Potassium		890
Selenium		ND UJ
Sodium		ND
Thallium		ND UJ

02(TG5902)D3273/18/33

Key at end of table.

Table 4-43 (Cont.)

		Analytical Result
Node:		01
Depth:		0 - 6"
Parameter	Sample Number:	A383
Total Cyanide		3.8
Vanadium		27
Zinc		70

02[TG5902]D3273/18/33

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.
 ND = Not detected above detection limit.
 UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 4-44

**SUMMARY OF INORGANIC TAL RESULTS FOR WATER SAMPLE
DRILLWATER
COMPRESSOR STATION 224**

Parameter	Sample Number:	Analytical Result
		A801
Aluminum		100
Antimony		ND
Arsenic		ND
Barium		14
Beryllium		ND
Cadmium		ND
Calcium		34,000
Chromium		ND
Cobalt		ND
Copper		15
Iron		2,900
Lead		7.4
Magnesium		6,200
Manganese		19
Mercury		ND
Nickel		ND
Potassium		1,100
Selenium		ND
Sodium		30,000
Thallium		ND
Vanadium		ND
Zinc		110

02[TG5902]D3273/19/36

Note: All concentrations are in $\mu\text{g/L}$.

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-45

SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLE
SEPARATOR POND AREA
COMPRESSOR STATION 224

Parameter	Analytical Result	
	Node:	08
	Depth:	0 - 6"
	Sample Number:	A400
Aluminum		7,500
Antimony		ND
Arsenic		12 J
Barium		83 J
Beryllium		0.58
Cadmium		3.8
Calcium		1,100
Chromium		17 J
Chromium+6		ND
Cobalt		10 J
Copper		13
Iron		19,000
Lead		31
Magnesium		1,800
Manganese		790 J
Mercury		ND
Nickel		16 J
Potassium		820
Selenium		ND UJ
Sodium		ND
Thallium		ND UJ
Total Cyanide		1.6
Vanadium		29
Zinc		53

02[TG5902]D3273/22/32

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.
 ND = Not detected above detection limit.
 UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 4-46

SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLES
FORMER BURN PIT AREA
COMPRESSOR STATION 224

Parameter	Node: Depth: Sample Number:	Analytical Result						
		BH01				BH02		
		0 - 24"	24 - 48"	48 - 72"	72 - 96"	0 - 24"	24 - 48"	48 - 72"
		A601	A602	A603	A604	A605	A606	A607
Aluminum		8,800	12,000	7,300	7,800	12,000	NA	9,400
Antimony		ND UJ	ND UJ	5.8 J	ND UJ	ND UJ	NA	ND UJ
Arsenic		13 J	8.8 J	18 J	12 J	12 J	NA	14 J
Barium		120	51	64	70	51	NA	83
Beryllium		0.89	0.43	0.42	0.42	0.52	NA	0.47
Cadmium		5.0	ND	ND	ND	ND	NA	ND
Calcium		7,200	360	3,300	2,200	2,100	NA	4,300
Chromium		20	15	14	14	16	NA	16
Cobalt		13	7.6	9.1	8.2	8.0	NA	6.6
Copper		12	14	22	21	14	NA	17
Iron		46,000	19,000	21,000	21,000	21,000	NA	19,000
Lead		21	18	15	20	27	NA	18
Magnesium		3,200	2,500	2,800	2,700	2,100	NA	3,000

02[TG5902]D3273/23/10

Key at end of table.

Table 4-46 (Cont.)

Parameter	Node: Depth: Sample Number:	Analytical Result						
		BH01				BH02		
		0 - 24"	24 - 48"	48 - 72"	72 - 96"	0 - 24"	24 - 48"	48 - 72"
		A601	A602	A603	A604	A605	A606	A607
Manganese		1,400	540	700	550	520	NA	240
Mercury		ND	ND	ND	0.18	ND	ND	ND
Nickel		26	14	20	18	13	NA	17
Potassium		1,200	580	770	700	660	NA	680
Selenium		ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	NA	ND UJ
Sodium		79	67	66	72	84	NA	72
Thallium		ND	ND	ND	ND	ND	NA	ND
Total Cyanide		ND	ND	ND	ND	ND	4.2	ND
Vanadium		24	18	13	14	25	NA	14
Zinc		61	52	58	57	58	NA	52

02[TG5902]D3273/23/10

Key at end of table.

Table 4-46 (Cont.)

Parameter	Analytical Result					
	Node:	BH02	BH03			
	Depth:	72 - 96"	0 - 24"	24 - 48"	48 - 72"	72 - 96"
	Sample Number:	A608	A609	A610	A611	A612
Aluminum		6,500	14,000	7,800	7,300	9,700
Antimony		ND UJ	ND UJ	ND UJ	7.5 J	ND UJ
Arsenic		20 J	10 J	11 J	10 J	14 J
Barium		45	61	100	87	140
Beryllium		0.30	0.68	0.45	0.43	0.62
Cadmium		ND	0.66	0.64	0.62	1.2
Calcium		34,000	880	2,000	2,100	2,900
Chromium		12	17	14	14	17
Cobalt		7.6	98	9.2	8.6	9.5
Copper		24	15	22	18	20
Iron		18,000	22,000	21,000	20,000	23,000
Lead		12	27	17	17	19
Magnesium		6,800	2,400	2,400	2,500	2,800
Manganese		530	550	730	540	1,100
Mercury		ND	ND	ND	ND	ND
02[TG5902]D3273/23/10						

02[TG5902]D3273/23/10

Key at end of table.

Table 4-46 (Cont.)

Parameter	Node: Depth: Sample Number:	Analytical Result				
		BH02	BH03			
		72 - 96"	0 - 24"	24 - 48"	48 - 72"	72 - 96"
		A608	A609	A610	A611	A612
Nickel		14	18	24	18	31
Potassium		760	560	650	660	650
Selenium		0.15 J	0.18 UJ	ND UJ	ND UJ	ND UJ
Sodium		120	190	180	150	180
Thallium		ND	ND	ND	ND	ND
Total Cyanide		ND	ND	ND	ND	ND
Vanadium		12	22	15	13	18
Zinc		54	61	53	64	57

02[TG5902]D3273/23/10

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.

NA = Not analyzed.

ND = Not detected above detection limit.

UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 4-47

SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLES
 TRIBUTARY OF FRENCH CREEK
 COMPRESSOR STATION 224

Parameter	Analytical Result				
	Node:	01	16	25	26
	Depth:	0 - 6"	0 - 6"	0 - 6"	0 - 6"
	Sample Number:	A402	A419	A431	A433
Aluminum		8,400	6,800	8,400	7,100
Antimony		ND	ND	ND	ND
Arsenic		9.3 J	6.1 J	14 J	8.8 J
Barium		78 J	33 J	100 J	79 J
Beryllium		0.88	0.46	0.77	0.56
Cadmium		4.7	2.1	4.4	3.4
Calcium		2,100	350	1,400	1,300
Chromium		27 J	7.6 J	26 J	11 J
Chromium+6		0.36	ND	1.3	NA
Cobalt		12 J	4.3 J	13 J	11 J
Copper		16	10	14	11
Iron		23,000	11,000	24,000	19,000
Lead		45	30	44	38
Magnesium		2,000	980	2,000	1,500
Manganese		410 J	73 J	640 J	1,400 J
Mercury		ND	ND	ND	ND
Nickel		18 J	6.8 J	18 J	13 J
Potassium		910	420	880	580
Selenium		2.6 J	ND UJ	ND UJ	0.15 J
Sodium		ND	ND	ND	ND
Thallium		ND UJ	ND UJ	ND UJ	ND UJ
Total Cyanide		ND	3.4	ND	2.2
Vanadium		34	17	34	26
Zinc		85	43	54	50

02[TG5902]D3273/25/19

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.
 NA = Not analyzed.
 ND = Not detected above detection limit.
 UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 4-48

SUMMARY OF CHROMIUM RESULTS FOR SOIL SAMPLES
JACKET WATER COOLER AREA
COMPRESSOR STATION 224

Analytical Result								
Node:		01		02		03		04
Depth:		0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"
Parameter	Sample Number:	A442	A444	A445	A446	A447	A448	A449
Chromium Total		19	18	17	16	22	22	24
Chromium+6		ND	ND	ND	ND	ND	ND	ND

02[TG5902]D3273/20/9

Key at end of table.

Table 4-48 (Cont.)

Parameter	Analytical Result							
	Node:	04	05		06		07	
	Depth:	6 - 12"	0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"	6 - 12"
	Sample Number:	A450	A451	A452	A454	A455	A456	A457
Chromium Total		21	120	18	100	22	80	49
Chromium+6		ND	0.61	ND	0.97	0.14	0.26	0.14

02[TG5902]D3273/20/9

Key at end of table.

Table 4-48 (Cont.)

Parameter	Analytical Result	
	Node:	
	08	
Sample Number:	Depth:	
	0 - 6"	6 - 12"
Sample Number:		
A458		A459
Chromium Total	75	25
Chromium+6	1.6	ND

02[TG5902]D3273/20/9

Note: All concentrations are in mg/kg.

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-49

SUMMARY OF CHROMIUM RESULTS FOR SOIL SAMPLES
JACKET WATER MODULATING VALVE AREA
COMPRESSOR STATION 224

		Analytical Result	
Node:		01	
Depth:		0 ~ 6"	6 ~ 12"
Parameter	Sample Number:	A469	A470
Chromium Total		36	150
Chromium+6		ND	ND

02[TG5902]D3273/21/31

Note: All concentrations are in mg/kg.

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 4-50

SUMMARY OF CHROMIUM RESULTS FOR SOIL SAMPLES
JACKET WATER SURGE TANK AREA
COMPRESSOR STATION 224

Node:	Analytical Result							
	01		02		03		04	
	Depth:	0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"	6 - 12"	0 - 6"
Parameter	Sample Number:	A460	A461	A462	A463	A465	A466	A467
Chromium Total		4.2	9.6	19	20	22	19	27
Chromium+6		ND	ND	ND	ND	ND	ND	ND

02[TG5902]D3273/24/9

Key at end of table.

Table 4-50 (Cont.)

		Analytical Result
Node:		04
Depth:		6 - 12"
Parameter	Sample Number:	A468
Chromium Total		19
Chromium+6		ND
		02[TG5902]D3273/24/9

Note: All concentrations are in mg/kg.

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 5-1
QA/QC SUMMARY OF PCB RESULTS FOR SOIL/SEDIMENT SAMPLES
DUPLICATES
COMPRESSOR STATION 224

Area	Original Sample Number	Results	Duplicate Sample Number	Results	Relative Percent Difference (%)
Auxiliary Building	A140	ND	A141	ND	--
	A151	ND	A152	ND	--
Air Receiver Tank	A195	33 (1254)	A196	9.8 (1254)	108
		ND	A196	6.8 (1248)	*
	A206	2.0 (1254)	A207	2.4 (1254)	18
	A217	ND	A218	2.7 (1254)	*
	A228	76 (1254)	A229	66 (1254)	14
Compressor Building	A010	ND	A011	ND	--
	A021	ND	A022	ND	--
	A032	ND	A033	ND	--
	A054	ND	A055	ND	--
	A065	5.3 (1254)	A066	130 (1254)	184
	A076	ND	A077	ND	--
Drainage Ditch C	A347	ND	A348	ND	--
Drainline A Outfall (off site)	A373	ND	A374	ND	--
Grid Duplicates	9010	ND	9011	ND	--
	9021	ND	9022	ND	--
	9043	ND	9044	ND	--
	9065	ND	9066	ND	--
	9098	ND	9099	ND	--
Main Line Valves	A355	ND	A356	ND	--
Separator Pond	A385	8.7 (1254)	A386	2.4 (1254)	115

02[TG5902]D3273/28/13

Key at end of table.

Table 5-1 (Cont.)

Area	Original Sample Number	Results	Duplicate Sample Number	Results	Relative Percent Difference (%)
Burn Pit	A254	ND	A255	ND	--
	A266	ND	A267	ND	--
	A276	ND	A277	ND	--
	A288	ND	A289	ND	--
	A299	ND	A300	ND	--
	A612	ND	A613	ND	--
Scrap Yard/Separator Pond	A339	ND	A340	ND	--
Waste Oil Storage Tank	A369	ND	A370	ND	--
Tributary to French Creek	A410	ND	A411	ND	--
	A422	0.42 (1254)	A423	0.35 (1254)	18

02[TG5902]D3273/28/13

Note: All concentrations are in mg/kg.
Number in parentheses identifies specific Aroclor.

Key:

ND = Not detected above detection limit.

*RPD not calculated when one value is ND.

Source: Ecology and Environment, Inc. 1991.

Table 5-2
QA/QC SUMMARY OF PCB RESULTS FOR WATER SAMPLES
DUPLICATES
COMPRESSOR STATION 224

Area	Original Sample Number	Results	Duplicate Sample Number	Results	Relative Percent Difference (%)
Tributary of French Creek	A429	1.1	A430	2.8 (1254)	87
Drillwater	A801	ND	A802	ND	--

02[TG5902]D3273/29/13

Note: All concentrations are in mg/kg.
Number in parentheses identifies specific Aroclor.

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 5-3
QA/QC SUMMARY OF PCB RESULTS FOR SOIL SAMPLES
BLANKS
COMPRESSOR STATION 224

Sample Number	Analytical Result
9901	ND
9902	ND
9903	ND
9904	ND
A901	ND
A902	ND
A904	ND
A905	ND
A907	ND
A908	ND
A911	ND
A912	ND
A913	ND
A914	ND
A917	ND
A918	ND
A920	ND
A922	ND
A923	ND
A924	ND
A925	ND

02[TG5902]D3273/26/37

Note: All concentrations are in mg/kg.

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 5-4

QA/QC SUMMARY OF PCB RESULTS FOR WATER SAMPLES
BLANKS
COMPRESSOR STATION 224

Sample Number	Analytical Result
A915	ND
A921	ND

02[TG5902]D3273/27/37

Note: All concentrations are in $\mu\text{g/L}$.

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 5-5
QA/QC SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLES
DUPLICATES
COMPRESSOR STATION 224

Analytical Results						
Parameter	Compressor Building			Burn Pit Area		
	Original Sample Number A065	Duplicate Sample Number A066	Relative Percent Difference (%)	Original Sample Number A612	Duplicate Sample Number A613	Relative Percent Difference (%)
1,2,4-Trichlorobenzene	ND	ND	--	ND	ND	--
1,2-Dichlorobenzene	ND	ND	--	ND	ND	--
1,3-Dichlorobenzene	ND	ND	--	ND	ND	--
1,4-Dichlorobenzene	ND	ND	--	ND	ND	--
2,4-Dinitrotoluene	ND	ND	--	ND	ND	--
2,6-Dinitrotoluene	ND	ND	--	ND	ND	--
2-Chloronaphthalene	ND	ND	--	ND	ND	--
2-Methylnaphthalene	ND	ND	--	ND	ND	--
2-Nitroaniline	ND	ND	--	ND	ND	--
3,3'-Dichlorobenzidine	ND	ND	--	ND	ND	--
3-Nitroaniline	ND	ND	--	ND	ND	--

02{TG5902}D3273/33/12

Key at end of table.

Table 5-5 (Cont.)

Analytical Results						
Parameter	Compressor Building			Burn Pit Area		
	Original Sample Number A065	Duplicate Sample Number A066	Relative Percent Difference (%)	Original Sample Number A612	Duplicate Sample Number A613	Relative Percent Difference (%)
4-Bromophenyl Phenyl Ether	ND	ND	--	ND	ND	--
4-Chloroaniline	ND	ND	--	ND	ND	--
4-Chlorophenyl Phenyl Ether	ND	ND	--	ND	ND	--
4-Nitroaniline	ND	ND	--	ND	ND	--
Acenaphthene	ND	ND	--	ND	ND	--
Acenaphthylene	ND	ND	--	ND	ND	--
Acetone	19 B	ND	*	24 B	36 B	**
Anthracene	ND	ND	--	ND	ND	--
Benzidine	ND	ND	--	ND	ND	--
Benzo(A)Anthracene	ND	ND	--	ND	ND	--
Benzo(A)Pyrene	ND	ND	--	ND	ND	--
Benzo(B)Fluoranthene	ND	ND	--	ND	ND	--
Benzo(K)Fluoranthene	ND	ND	--	ND	ND	--

02[TG5902]D3273/33/12

Key at end of table.

Table 5-5 (Cont.)

Parameter	Analytical Results					
	Compressor Building			Burn Pit Area		
	Original Sample Number A065	Duplicate Sample Number A066	Relative Percent Difference (%)	Original Sample Number A612	Duplicate Sample Number A613	Relative Percent Difference (%)
Benzyl Alcohol	ND	ND	--	ND	ND	--
Beta-BHC	ND	ND	--	ND	ND	--
Bis(2-Chloroethyl)Ether	ND	ND	--	ND	ND	--
Bis(2-Ethylhexyl)Phthalate	ND	ND	--	ND	ND	--
Bromodichloromethane	ND	ND	--	ND	ND	--
Butyl Benzyl Phthalate	ND	ND	--	ND	ND	--
Chloroform	ND	ND	--	ND	ND	--
Chrysene	ND	ND	--	ND	ND	--
Di-N-Butyl-Phthalate	ND	ND	--	ND	ND	--
Di-N-Octyl Phthalate	ND	ND	--	ND	ND	--
Dibenzo(A,H)Anthracene	ND	ND	--	ND	ND	--
Dibenzofuran	ND	ND	--	ND	ND	--
Dimethyl Phthalate	ND	ND	--	ND	ND	--

02[TG5902]D3273/33/12

Key at end of table.

Table 5-5 (Cont.)

Analytical Results						
Parameter	Compressor Building			Burn Pit Area		
	Original Sample Number A065	Duplicate Sample Number A066	Relative Percent Difference (%)	Original Sample Number A612	Duplicate Sample Number A613	Relative Percent Difference (%)
Fluoranthene	ND	ND	--	ND	ND	--
Fluorene	ND	ND	--	ND	ND	--
Hexachlorobenzene	ND	ND	--	ND	ND	--
Hexachlorobutadiene	ND	ND	--	ND	ND	--
Hexachlorocyclopentadiene	ND	ND	--	ND	ND	--
Hexachloroethane	ND	ND	--	ND	ND	--
Indeno(1,2,3-cd)Pyrene	ND	ND	--	ND	ND	--
Isophorone	ND	ND	--	ND	ND	--
Methylene Chloride	8.7 B	7.6 B	**	8.2 B	9.4 B	**
N-Nitrosodiphenylamine	ND	ND	--	ND	ND	--
N-Nitrosodipropylamine	ND	ND	--	ND	ND	--
Naphthalene	ND	ND	--	ND	ND	--

02[TG5902]D3273/33/12

Key at end of table.

Table 5-5 (Cont.)

Analytical Results						
Parameter	Compressor Building			Burn Pit Area		
	Original Sample Number A065	Duplicate Sample Number A066	Relative Percent Difference (%)	Original Sample Number A612	Duplicate Sample Number A613	Relative Percent Difference (%)
Phenanthrene	ND	ND	--	ND	ND	--
Pyrene	ND	ND	--	ND	ND	--

02[TG5902]D3273/33/12

Note: All concentrations $\mu\text{g}/\text{kg}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

*RPD not calculated when one value is ND.

**RPD not calculated for qualified values.

Source: Ecology and Environment, Inc. 1991.

Table 5-6

QA/QC SUMMARY OF ORGANIC TCL RESULTS FOR WATER SAMPLES
 DRILLWATER DUPLICATE
 COMPRESSOR STATION 224

Parameter	Analytical Result		
	Original Sample Number A801	Duplicate Sample Number A802	Relative Percent Difference (%)
1,2,4-Trichlorobenzene	ND	ND	--
1,2-Dichlorobenzene	ND	ND	--
1,3-Dichlorobenzene	ND	ND	--
1,4-Dichlorobenzene	ND	ND	--
2,4-Dinitrotoluene	ND	ND	--
2,6-Dinitrotoluene	ND	ND	--
2-Chloronaphthalene	ND	ND	--
2-Methylnaphthalene	ND	ND	--
2-Nitroaniline	ND	ND	--
3,3'-Dichlorobenzidine	ND	ND	--
3-Nitroaniline	ND	ND	--
4-Bromophenyl Phenyl Ether	ND	ND	--
4-Chloroaniline	ND	ND	--
4-Chlorophenyl Phenyl Ether	ND	ND	--
4-Nitroaniline	ND	ND	--
Acenaphthene	ND	ND	--
Acenaphthylene	ND	ND	--
Acetone	13 B	15 B	**
Anthracene	ND	ND	--
Benzidine	ND	ND	--
Benzo(A)Anthracene	ND	ND	--
Benzo(A)Pyrene	ND	ND	--
Benzo(B)Fluoranthene	ND	ND	--
Benzo(G,H,I)Perlyene	ND	ND	--
Benzo(K)Fluoranthene	ND	ND	--
Benzyl Alcohol	ND	ND	--

02[TG5902]D3273/34/23

Key at end of table.

Table 5-6 (Cont.)

Parameter	Analytical Result		
	Original Sample Number A801	Duplicate Sample Number A802	Relative Percent Difference (%)
Beta-BHC	0.055 B	ND	*
Bis(2-Chloroethoxy)Methane	ND	ND	--
Bis(2-Chloroethyl)Ether	ND	ND	--
Bis(2-Chloroisopropyl)Ether	ND	ND	--
Bis(2-Ethylhexyl)Phthalate	ND	ND	--
Bromodichloromethane	10	9.2	8.3
Butyl Benzyl Phthalate	ND	ND	--
Chlorodibromomethane	5.2	ND	12.2
Chloroform	29	26	15
Chrysene	ND	ND	--
Di-N-Butyl-Phthalate	ND	ND	--
Di-N-Octyl Phthalate	ND	ND	--
Dibenzo(A,H)Anthracene	ND	ND	--
Dibenzofuran	ND	ND	--
Diethyl Phthalate	ND	ND	--
Dimethyl Phthalate	ND	ND	--
Fluoranthene	ND	ND	--
Fluorene	ND	ND	--
Hexachlorobenzene	ND	ND	--
Hexachlorobutadiene	ND	ND	--
Hexachlorocyclopentadiene	ND	ND	--
Hexachloroethane	ND	ND	--
Indeno(1,2,3-cd)Pyrene	ND	ND	--
Isophorone	ND	ND	--
Methylene Chloride	7.6 B	7.1 B	**
N-Nitrosodiphenylamine	ND	ND	--
N-Nitrosodipropylamine	ND	ND	--
Naphthalene	ND	ND	--

02[TG5902]D3273/34/23

Key at end of table.

Table 5-6 (Cont.)

Parameter	Analytical Result		
	Original Sample Number A801	Duplicate Sample Number A802	Relative Percent Difference (%)
Phenanthrene	ND	ND	--
Pyrene	ND	ND	--
02[TG5902]D3273/34/23			

Note: All concentrations $\mu\text{g/L}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

*RPD not calculated when one value is ND.

**RPD not calculated for qualified values.

Source: Ecology and Environment, Inc. 1991.

Table 5-7

QA/QC SUMMARY OF ORGANIC TCL RESULTS FOR SOIL SAMPLES
BLANKS
COMPRESSOR STATION 224

Parameter	Sample Number:	Analytical Result		
		A908	A914	A920
1,2,4-Trichlorobenzene		ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND
2,4-Dinitrotoluene		ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND
2-Chloronaphthalene		ND	ND	ND
2-Methylnaphthalene		ND	ND	ND
2-Nitroaniline		ND	ND	ND
3,3'-Dichlorobenzidine		ND	ND	ND
3-Nitroaniline		ND	ND	ND
4-Bromophenyl Phenyl Ether		ND	ND	ND
4-Chloroaniline		ND	ND	ND
4-Chlorophenyl Phenyl Ether		ND	ND	ND
4-Nitroaniline		ND	ND	ND
Acenaphthene		ND	ND	ND
Acenaphthylene		ND	ND	ND
Acetone		ND	15 B	16 B
Anthracene		ND	ND	ND
Benzidine		ND	ND	ND
Benzo(A)Anthracene		ND	ND	ND
Benzo(A)Pyrene		ND	ND	ND
Benzo(B)Fluoranthene		ND	ND	ND
Benzo(K)Fluoranthene		ND	ND	ND
Benzyl Alcohol		ND	ND	ND
Beta-BHC		ND	NA	NA
Bis(2-Chloroethyl)Ether		ND	ND	ND
Bis(2-Ethylhexyl)Phthalate		ND	560 B	ND

02[TG5902]D3273/30/25

Key at end of table.

Table 5-7 (Cont.)

Parameter	Sample Number:	Analytical Result		
		A908	A914	A920
Bromodichloromethane		ND	ND	ND
Butyl Benzyl Phthalate		ND	ND	ND
Chloroform		ND	ND	ND
Chrysene		ND	ND	ND
Di-N-Butyl-Phthalate		ND	ND	ND
Di-N-Octyl Phthalate		ND	ND	ND
Dibenzo(A,H)Anthracene		ND	ND	ND
Dibenzofuran		ND	ND	ND
Dimethyl Phthalate		ND	ND	ND
Fluoranthene		ND	ND	ND
Fluorene		ND	ND	ND
Hexachlorobenzene		ND	ND	ND
Hexachlorobutadiene		ND	ND	ND
Hexachlorocyclopentadiene		ND	ND	ND
Hexachloroethane		ND	ND	ND
Indeno(1,2,3-cd)Pyrene		ND	ND	ND
Isophorone		ND	ND	ND
Methylene Chloride		ND	11 B	ND
N-Nitrosodiphenylamine		ND	ND	ND
N-Nitrosodipropylamine		ND	ND	ND
Naphthalene		ND	ND	ND
Phenanthrene		ND	ND	ND
Pyrene		ND	ND	ND

02[TG5902]D3273/30/25

Note: All concentrations are in $\mu\text{g}/\text{kg}$.

Key:

B = Also present in blank.

NA = Not analyzed.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 5-8

QA/QC SUMMARY OF ORGANIC TCL RESULTS FOR WATER SAMPLE
BLANK
COMPRESSOR STATION 224

Parameter	Sample Number:	Analytical Result
		A921
1,2,4-Trichlorobenzene		ND
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND
2,4-Dinitrotoluene		ND
2,6-Dinitrotoluene		ND
2-Chloronaphthalene		ND
2-Methylnaphthalene		ND
2-Nitroaniline		ND
3,3'-Dichlorobenzidine		ND
3-Nitroaniline		ND
4-Bromophenyl Phenyl Ether		ND
4-Chloroaniline		ND
4-Chlorophenyl Phenyl Ether		ND
4-Nitroaniline		ND
Acenaphthene		ND
Acenaphthylene		ND
Acetone		ND
Anthracene		ND
Benzidine		ND
Benzo(A)Anthracene		ND
Benzo(A)Pyrene		ND
Benzo(B)Fluoranthene		ND
Benzo(G,H,I)Perlyene		ND
Benzo(K)Fluoranthene		ND
Benzyl Alcohol		ND
Beta-BHC		0.12
Bis(2-Chloroethoxy)Methane		ND

02[TG5902]D3273/31/32

Key at end of table.

Table 5-8 (Cont.)

Parameter	Sample Number:	Analytical Result
		A921
Bis(2-Chloroethyl)Ether		ND
Bis(2-Chloroisopropyl)Ether		ND
Bis(2-Ethylhexyl)Phthalate		11 B
Bromodichloromethane		ND
Butyl Benzyl Phthalate		ND
Chlorodibromomethane		ND
Chloroform		ND
Chrysene		ND
Di-N-Butyl-Phthalate		ND
Di-N-Octyl Phthalate		ND
Dibenzo(A,H)Anthracene		ND
Dibenzofuran		ND
Diethyl Phthalate		ND
Dimethyl Phthalate		ND
Fluoranthene		ND
Fluorene		ND
Hexachlorobenzene		ND
Hexachlorobutadiene		ND
Hexachlorocyclopentadiene		ND
Hexachloroethane		ND
Indeno(1,2,3-cd)Pyrene		ND
Isophorone		ND
Methylene Chloride		6.8 B
N-Nitrosodiphenylamine		ND
N-Nitrosodipropylamine		ND
Naphthalene		ND
Phenanthrene		ND
Pyrene		ND

02[TG5902]D3273/31/32

Note: All concentrations are in $\mu\text{g/L}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 5-9
QA/QC SUMMARY OF ORGANIC TCL RESULTS FOR WATER SAMPLES
BLANKS
COMPRESSOR STATION 224

Parameter	Sample Number:	Analytical Result				
		A903	A906	A909	A916	A919
Acetone		22 B	ND	15 B	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND
Chlorodibromomethane		ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	ND	ND

02[TG5902]D3273/32/22

Note: All concentrations are in $\mu\text{g/L}$.

Key:

B = Also present in blank.

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 5-10

QA/QC SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLES
DUPLICATES
 COMPRESSOR STATION 224

Parameter	Analytical Result					
	Compressor Building			Burn Pit Area		
	Original Sample Number A065	Duplicate Sample Number A066	Relative Percent Difference (%)	Original Sample Number A612	Duplicate Sample Number A613	Relative Percent Difference (%)
Aluminum	14,000	14,000	0	9,700	6,400	41
Antimony	ND	ND	--	ND UJ	7.4 J	*
Arsenic	7.1	10	34	14 J	13 J	7
Barium	93	85	9	140	57	84
Beryllium	0.46	0.57	21	0.62	0.33	61
Cadmium	5.8	5.9	1.7	1.2	ND	*
Calcium	3,100	5,400	54	2,900	6,900	82
Chromium	32	23	33	17	13	27
Cobalt	12	16	29	9.5	6.9	32
Copper	28	28	0	20	18	11
Iron	34,000	32,000	6	23,000	18,000	24
Lead	70	36	64	19	16	17

02[TG5902]D3273/38/16

Key at end of table.

Table 5-10 (Cont.)

Parameter	Analytical Result					
	Compressor Building			Burn Pit Area		
	Original Sample Number A065	Duplicate Sample Number A066	Relative Percent Difference (%)	Original Sample Number A612	Duplicate Sample Number A613	Relative Percent Difference (%)
Magnesium	3,600	3,800	5	2,800	3,700	28
Manganese	500	710	35	1,100	360	101
Nickel	27	27	0	31	16	64
Potassium	1,900	1,700	11	650	700	22
Sodium	81	ND	*	180	200	11
Selenium	1.2	ND	*	ND	ND	--
Total Cyanide	10	13	26	ND	ND	--
Vanadium	24	26	8	18	11	48
Zinc	600	1,300	82	57	48	17

02[TG5902]D3273/38/16

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.
 ND = Not detected above detection limit.
 UJ = Not detected, quantitation limit may be inaccurate or imprecise.
 * = RPD not calculated when one value is ND.

Source: Ecology and Environment, Inc. 1991.

Table 5-11

QA/QC SUMMARY OF INORGANIC TAL RESULTS FOR SOIL SAMPLES
BLANKS
COMPRESSOR STATION 224

Parameter	Sample Number:	Analytical Result			
		A908	A910	A914	A920
Aluminum	79	NA	ND	ND	ND
Antimony	ND UJ	NA	ND	ND	ND
Arsenic	0.42 J	NA	0.36 J	0.36 J	0.36 J
Barium	6.8	NA	6.0 J	6.1 J	6.1 J
Beryllium	ND	NA	ND	ND	ND
Cadmium	0.88	NA	ND	ND	ND
Calcium	340,000	NA	34,000	34,000	34,000
Chromium	1.8	NA	2.0 J	2.1 J	2.1 J
Chromium Total	NA	1.9	NA	NA	NA
Cobalt	ND	NA	ND UJ	ND UJ	ND UJ
Copper	ND	NA	ND	ND	ND
Iron	32	NA	47	30	30
Lead	0.18	NA	ND	0.21	0.21
Magnesium	1,200 J	NA	1,300	1,300	1,300
Manganese	0.61	NA	1.2 J	0.95 J	0.95 J
Nickel	ND	NA	ND UJ	ND UJ	ND UJ
Potassium	ND	NA	82	110	110
Sodium	2,200	NA	2,400	2,400	2,400
Total Cyanide	2.7	NA	ND	ND	ND
Vanadium	ND	NA	1.5	1.1	1.1
Zinc	ND	NA	2.2	1.9	1.9

02[TG5902]D3273/36/19

Note: All concentrations are in mg/kg.

Key:

J = Analyte present. Reported value may be inaccurate or imprecise.
 NA = Not analyzed.
 ND = Not detected above detection limit.
 UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Source: Ecology and Environment, Inc. 1991.

Table 5-12

QA/QC SUMMARY OF INORGANIC TAL RESULTS FOR WATER SAMPLE
BLANK
COMPRESSOR STATION 224

Parameter	Sample Number:	Analytical Result
		A921
Aluminum		ND
Antimony		ND
Arsenic		ND
Barium		ND
Beryllium		ND
Cadmium		ND
Calcium		600
Chromium		ND
Cobalt		ND
Copper		ND
Iron		ND
Lead		1.7
Magnesium		ND
Manganese		ND
Nickel		ND
Potassium		ND
Sodium		1,100
Vanadium		ND
Zinc		4.3

02[TG5902]D3273/37/32

Note: All concentrations are in $\mu\text{g/L}$.

Key:

ND = Not detected above detection limit.

Source: Ecology and Environment, Inc. 1991.

Table 5-13

**QA/QC SUMMARY OF INORGANIC TAL RESULTS FOR WATER SAMPLES
DRILLWATER DUPLICATE
COMPRESSOR STATION 224**

Parameter	Analytical Result		
	Original Sample Number A801	Duplicate Sample Number A802	Relative Percent Difference (%)
Aluminum	100	92	8.3
Antimony	ND	ND	--
Arsenic	ND	1.1	*
Barium	14	14	0
Beryllium	ND	ND	--
Cadmium	ND	ND	--
Calcium	34,000	35,000	3
Chromium	ND	ND	--
Cobalt	ND	ND	--
Copper	15	16	6
Iron	2,900	2,800	4
Lead	7.4	8.8	17
Magnesium	6,200	6,200	0
Manganese	19	22	15
Nickel	ND	ND	--
Potassium	1,100	1,000	10
Sodium	30,000	32,000	6
Vanadium	ND	ND	--
Zinc	110	140	24

02[TG5902]D3273/39/29

Note: All concentrations are in $\mu\text{g/L}$.

Key:

ND = Not detected above detection limit.

*RPD not calculated when one value is ND.

Source: Ecology and Environment, Inc. 1991.

Table 5-14

QA/QC SUMMARY OF CHROMIUM RESULTS FOR SOIL SAMPLES
DUPLICATES
COMPRESSOR STATION 224

Parameter	Original Sample Number	Results	Duplicate Sample Number	Results	Relative Percent Difference (%)
Jacket Water Cooler					
Chromium Total	A442	19	A443	19	0
	A452	18	A453	20	11
Jacket Water Surge Tank					
Chromium Total	A463	20	A464	20	0

02(TG5902)D3273/40/20

Note: All concentrations are in mg/kg.

Source: Ecology and Environment, Inc. 1991.

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