DWS/L&C

STATE OF TENNESSEE
ENVIRONMENTAL LABORATORIES

630 BEN ALLEN ROAD
NASHVILLE, TN 37247-0801
PH: (615)262-6300

T DWS - UNDERGROUND INJECTION
: 6TH FLOOR, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-1549
TOM MOSS
(615)532-0170

Lab ID: 9408104
Sampling Agency: DWS_21

Billing Code: 327.39-21

This is to certify that the following results were determined using good laboratory practices and in accordance with federal or state approved methodologies.

Analytical Supervisor

efinition of Data Qualifiers

ıalyte requested but not detected
stimated value--result is less than sample quantitation
imit but greater than zero
ıalyte in blank as well as sample
ıalyte concentration exceeds the calbration range of instrument
ıcertainty in result other than "J" flag
- Other flags used to define results as needed

Printed: August 29, 1994

e No./ID:	143001	Lab ID:	9408104-01A
ple ID:	DICKSON COUNTY IP/143001	Branch Lab No.:	DICKSON CO IP/143001
ld No.:	DC-SP-01 Depth Taken:	Received:	08/25/94 10:06:00 By GAM
lected:	08/24/94 10:40:00 By GSC	Sampling Agency:	DWS_21
nty:	22	Billing Code:	327.39-21
	WATER	Priority Date:	10/01/94

TEST		RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
WATER ROUTINE ANALYSIS							MASS SPEC
OMOFORM	U		PPB	0.10	08/26/94	SND	
OMODICHLOROMETHANE	U		PPB	0.10	08/26/94	SND	
OMOMETHANE	U		PPB	0.10	08/26/94	SND	
RBON TETRACHLORIDE	U		PPB	0.10	08/26/94	SND	
LOROBENZENE	U		PPB	0.10	08/26/94	SND	
LOROETHANE	U		PPB	0.10	08/26/94	SND	
HLOROVINYL ETHER	U		PPB	0.10	08/26/94	SND	
LOROFORM	U		PPB	0.10	08/26/94	SND	
LOROMETHANE	U		PPB	0.10	08/26/94	SND	
ROMOCHLOROMETHANE	U		PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U		PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U		PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U		PPB	0.10	08/26/94	SND	
HLORODIFLUOROMETHANE	U		PPB	0.10	08/26/94	SND	
-DICHLOROETHANE	U		PPB	0.10	08/26/94	SND	
-DICHLOROETHANE	U		PPB	0.10	08/26/94	SND	
-DICHLOROETHENE	U		PPB	0.10	08/26/94	SND	
-1,2-DICHLOROETHENE	U		PPB	0.10	08/26/94	SND	
ANS-1,2-DICHLOROETHENE	U		PPB	0.10	08/26/94	SND	
-DICHLOROPROPANE	U		PPB	0.10	08/26/94	SND	
-1,3-DICHLOROPROPENE	U		PPB	0.10	08/26/94	SND	
ANS-1,3-DICHLOROPROPENE	U		PPB	0.10	08/26/94	SND	
THYLENE CHLORIDE	U		PPB	0.10	08/26/94	SND	
,2,2-TETRACHLOROETHANE	U		PPB	0.10	08/26/94	SND	
RACHLOROETHENE	U		PPB	0.10	08/26/94	SND	
,1-TRICHLOROETHANE	U		PPB	0.10	08/26/94	SND	
,2-TRICHLOROETHANE	U		PPB	0.10	08/26/94	SND	
CHLOROETHENE	6.5		PPB	0.10	08/26/94	SND	
CHLOROFLUOROMETHANE	U		PPB	0.10	08/26/94	SND	
YL CHLORIDE	U		PPB	0.10	08/26/94	SND	
NZENE	U		PPB	1.0	08/26/94	SND	
IZENE	U		PPB	1.0	08/26/94	SND	
LL	U		PPB	1.0	08/26/94	SND	
XYLENE	U		PPB	1.0	08/26/94	SND	
XYLENE & P-XYLENE	U		PPB	1.0	08/26/94	SND	

ater, uG/L; Sediment, uG/kG

Printed: August 29, 1994

e No./ID:	143001	Lab ID:	9408104-02A
ple ID:	DICKSON COUNTY IP/143001	Branch Lab No.:	DICKSON CO IP/143001
ld No.:	DC-SP-02 Depth Taken:	Received:	08/25/94 10:06:00 By GAM
lected:	08/24/94 10:47:00 By GSC	Sampling Agency:	DWS_21
nty:	22	Billing Code:	327.39-21
ri···	WATER	Priority Date:	10/01/94

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
A WATER ROUTINE ANALYSIS						MASS SPEC
OMOFORM	U	PPB	0.10	08/26/94	SND	
OMODICHLOROMETHANE	1.8	PPB	0.10	08/26/94	SND	
OMOMETHANE	U	PPB	0.10	08/26/94	SND	
RBON TETRACHLORIDE	U	PPB	0.10	08/26/94	SND	
LOROBENZENE	U	PPB	0.10	08/26/94	SND	
LOROETHANE	U	PPB	0.10	08/26/94	SND	
CHLOROVINYL ETHER	U	PPB	0.10	08/26/94	SND	
LOROFORM	15	PPB	0.10	08/26/94	SND	
LOROMETHANE	U	PPB	0.10	08/26/94	SND	
BROMOCHLOROMETHANE	U	PPB	0.10	08/26/94	SND	
2-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
3-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
4-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
CHLORODIFLUOROMETHANE	U	PPB	0.10	08/26/94	SND	
1-DICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
2-DICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
1-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
S-1,2-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
ANS-1,2-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
2-DICHLOROPROPANE	U	PPB	0.10	08/26/94	SND	
S-1,3-DICHLOROPROPENE	U	PPB	0.10	08/26/94	SND	
ANS-1,3-DICHLOROPROPENE	U	PPB	0.10	08/26/94	SND	
ETHYLENE CHLORIDE	0.2	PPB	0.10	08/26/94	SND	
1,2,2-TETRACHLOROETHANE	U	PPB	0.10	08/26/94	SND	
TRACHLOROETHENE	U	PPB	0.10	08/26/94	SND	
1,1-TRICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
1,2-TRICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
ICHLOROETHENE	0.5	PPB	0.10	08/26/94	SND	
ICHLOROFLUOROMETHANE	U	PPB	0.10	08/26/94	SND	
NYL CHLORIDE	U	PPB	0.10	08/26/94	SND	
NZENE	U	PPB	1.0	08/26/94	SND	
HY NZENE	J	PPB	1.0	08/26/94	SND	
L	U	PPB	1.0	08/26/94	SND	
XY...E	U	PPB	1.0	08/26/94	SND	
-XYLENE & P-XYLENE	U	PPB	1.0	08/26/94	SND	

Water, uG/L; Sediment, uG/kG

Printed: August 29, 1994

) CONFIRMED BY GC/MS: 1-CHLORO-4-FLUOROBENZENE.

! No./ID:	143001	Lab ID:	9408104-03A
rle ID:	DICKSON COUNTY IP/143001	Branch Lab No.:	DICKSON CO IP/143001
.d No.:	DC-SP-03 Depth Taken:	Received:	08/25/94 10:06:00 By GAM
.ected:	08/24/94 13:37:00 By GSC	Sampling Agency:	DWS_21
ity:	22	Billing Code:	327.39-21
	WATER	Priority Date:	10/01/94

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
WATER ROUTINE ANALYSIS						MASS SPEC
)MOFORM	U	PPB	0.10	08/26/94	SND	
)MODICHLOROMETHANE	U	PPB	0.10	08/26/94	SND	
)MOMETHANE	U	PPB	0.10	08/26/94	SND	
BON TETRACHLORIDE	U	PPB	0.10	08/26/94	SND	
.OROBENZENE	U	PPB	0.10	08/26/94	SND	
.OROETHANE	U	PPB	0.10	08/26/94	SND	
HLOROVINYL ETHER	U	PPB	0.10	08/26/94	SND	
.OROFORM	U	PPB	0.10	08/26/94	SND	
.OROMETHANE	U	PPB	0.10	08/26/94	SND	
ROMOCHLOROMETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
HLORODIFLUOROMETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
-1,2-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
NS-1,2-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROPROPANE	U	PPB	0.10	08/26/94	SND	
-1,3-DICHLOROPROPENE	U	PPB	0.10	08/26/94	SND	
NS-1,3-DICHLOROPROPENE	U	PPB	0.10	08/26/94	SND	
THYLENE CHLORIDE	U	PPB	0.10	08/26/94	SND	
,2,2-TETRACHLOROETHANE	U	PPB	0.10	08/26/94	SND	
RACHLOROETHENE	U	PPB	0.10	08/26/94	SND	
,1-TRICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
,2-TRICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
CHLOROETHENE	U	PPB	0.10	08/26/94	SND	
CHLOROFLUOROMETHANE	U	PPB	0.10	08/26/94	SND	
YL CHLORIDE	U	PPB	0.10	08/26/94	SND	
ZE	U	PPB	1.0	08/26/94	SND	
Y ZENE	U	PPB	1.0	08/26/94	SND	
[illegible]	U	PPB	1.0	08/26/94	SND	
YLENE	U	PPB	1.0	08/26/94	SND	
YLENE & P-XYLENE	U	PPB	1.0	08/26/94	SND	

ter, uG/L; Sediment, uG/kG

Printed: August 29, 1994

a No./ID:	143001	Lab ID:	9408104-04A
ple ID:	DICKSON COUNTY IP/143001	Branch Lab No.:	DICKSON CO IP/143001
ld No.:	DC-SP-04 Depth Taken:	Received:	08/24/94 10:06:00 By GAM
lected:	08/24/94 11:45:00 By GSC	Sampling Agency:	DWS_21
nty:	22	Billing Code:	327.39-21
	WATER	Priority Date:	10/01/94

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
. WATER ROUTINE ANALYSIS						MASS SPEC
OMOFORM	U	PPB	0.10	08/26/94	SND	
OMODICHLOROMETHANE	U	PPB	0.10	08/26/94	SND	
OMOMETHANE	U	PPB	0.10	08/26/94	SND	
RBON TETRACHLORIDE	U	PPB	0.10	08/26/94	SND	
LOROBENZENE	U	PPB	0.10	08/26/94	SND	
LOROETHANE	U	PPB	0.10	08/26/94	SND	
HLOROVINYL ETHER	U	PPB	0.10	08/26/94	SND	
LOROFORM	U	PPB	0.10	08/26/94	SND	
LOROMETHANE	U	PPB	0.10	08/26/94	SND	
ROMOCHLOROMETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
HLORODIFLUOROMETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
-1,2-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
NS-1,2-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROPROPANE	U	PPB	0.10	08/26/94	SND	
-1,3-DICHLOROPROPENE	U	PPB	0.10	08/26/94	SND	
NS-1,3-DICHLOROPROPENE	U	PPB	0.10	08/26/94	SND	
THYLENE CHLORIDE	U	PPB	0.10	08/26/94	SND	
,2,2-TETRACHLOROETHANE	U	PPB	0.10	08/26/94	SND	
RACHLOROETHENE	U	PPB	0.10	08/26/94	SND	
,1-TRICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
,2-TRICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
CHLOROETHENE	0.4	PPB	0.10	08/26/94	SND	
CHLOROFLUOROMETHANE	U	PPB	0.10	08/26/94	SND	
IYL CHLORIDE	U	PPB	0.10	08/26/94	SND	
IZENE	U	PPB	1.0	08/26/94	SND	
IY ZENE	U	PPB	1.0	08/26/94	SND	
U.	U	PPB	1.0	08/26/94	SND	
YLENE	U	PPB	1.0	08/26/94	SND	
YLENE & P-XYLENE	U	PPB	1.0	08/26/94	SND	

ter, uG/L; Sediment, uG/kG

Printed: August 29, 1994

e No./ID:	143001	Lab ID:	9408104-05A
ple ID:	DICKSON COUNTY IP/143001	Branch Lab No.:	DICKSON CO IP/143001
ld No.:	DC-SP-05 Depth Taken:	Received:	08/25/94 10:06:00 By GAM
lected:	08/24/94 14:56:00 By GSC	Sampling Agency:	DWS_21
nty:	22	Billing Code:	327.39-21
rix:	WATER	Priority Date:	10/01/94

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
WATER ROUTINE ANALYSIS						MASS SPEC
OMOFORM	U	PPB	0.10	08/26/94	SND	
OMODICHLOROMETHANE	U	PPB	0.10	08/26/94	SND	
OMOMETHANE	U	PPB	0.10	08/26/94	SND	
RBON TETRACHLORIDE	U	PPB	0.10	08/26/94	SND	
LOROBENZENE	U	PPB	0.10	08/26/94	SND	
LOROETHANE	U	PPB	0.10	08/26/94	SND	
HLOROVINYL ETHER	U	PPB	0.10	08/26/94	SND	
LOROFORM	U	PPB	0.10	08/26/94	SND	
LOROMETHANE	U	PPB	0.10	08/26/94	SND	
ROMOCHLOROMETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROBENZENE	U	PPB	0.10	08/26/94	SND	
HLORODIFLUOROMETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
-1,2-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
NS-1,2-DICHLOROETHENE	U	PPB	0.10	08/26/94	SND	
-DICHLOROPROPANE	U	PPB	0.10	08/26/94	SND	
-1,3-DICHLOROPROPENE	U	PPB	0.10	08/26/94	SND	
NS-1,3-DICHLOROPROPENE	U	PPB	0.10	08/26/94	SND	
THYLENE CHLORIDE	U	PPB	0.10	08/26/94	SND	
,2,2-TETRACHLOROETHANE	U	PPB	0.10	08/26/94	SND	
TRACHLOROETHENE	U	PPB	0.10	08/26/94	SND	
,1-TRICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
,2-TRICHLOROETHANE	U	PPB	0.10	08/26/94	SND	
CHLOROETHENE	U	PPB	0.10	08/26/94	SND	
CHLOROFLUOROMETHANE	U	PPB	0.10	08/26/94	SND	
NYL CHLORIDE	U	PPB	0.10	08/26/94	SND	
NZENE	U	PPB	1.0	08/26/94	SND	
NY IZENE	U	PPB	1.0	08/26/94	SND	
LL	U	PPB	1.0	08/26/94	SND	
XYLE..E	U	PPB	1.0	08/26/94	SND	
XYLENE & P-XYLENE	U	PPB	1.0	08/26/94	SND	

ater, uG/L; Sediment, uG/kG

Printed: August 29, 1994

22-06

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122-2605
(615) 758-5858
1-800-767-5859
FAX (615) 758-5859

Est. 1970

CJF

DRINKING WATER ANALYSIS REPORT

October 18, 1994
Sample # : 25337-94-1

Mr. Tony Videau
Dickson Water Department
206 W Chestnut St
Dickson TN 37055

Received Sample on : October 13, 1994
Sample Description : Drinking Water - VOC'S

Sample Type : B
Collection Point : Filter Plant - [redacted]/Well DK-21
Collection Date/Time : 10/12/94 0905
Collected by : Mike Shelton

Parameter		Result	Units	MCL	Date	Cont. ID
Regulated VOC's						
Benzene	<	0.0005	mg/l	0.005	10/15/94	2990
Carbon tetrachloride	<	0.0005	mg/l	0.005	10/15/94	2982
p-Dichlorobenzene	<	0.0005	mg/l	0.075	10/15/94	2969
1,2-Dichloroethane	<	0.0005	mg/l	0.005	10/15/94	2980
1,1-Dichloroethylene	<	0.0005	mg/l	0.007	10/15/94	2977
1,1,1-Trichloroethane	<	0.0005	mg/l	0.20	10/15/94	2981
Trichloroethylene	<	0.0005	mg/l	0.005	10/15/94	2984
Vinyl chloride	<	0.0005	mg/l	0.002	10/15/94	2976
1,2,4-Trichlorobenzene	<	0.0005	mg/l	0.07	10/15/94	2378
cis-1,2-Dichloroethylene	<	0.0005	mg/l	0.07	10/15/94	2380
Xylenes, Total	<	0.0005	mg/l	10.0	10/15/94	2955
Dichloromethane	<	0.0005	mg/l	0.005	10/15/94	2964
o-Dichlorobenzene	<	0.0005	mg/l	0.6	10/15/94	2968
trans-1,2-Dichloroethylene	<	0.0005	mg/l	0.1	10/15/94	2979
1,2-Dichloropropane	<	0.0005	mg/l	0.005	10/15/94	2983
1,1,2-Trichloroethane	<	0.0005	mg/l	0.005	10/15/94	2985
Tetrachloroethylene	<	0.0005	mg/l	0.005	10/15/94	2987
Monochlorobenzene	<	0.0005	mg/l	0.1	10/15/94	2989
Toluene	<	0.0005	mg/l	1.0	10/15/94	2991
Ethylbenzene	<	0.0005	mg/l	0.7	10/15/94	2992
Styrene	<	0.0005	mg/l	0.1	10/15/94	2996
Unregulated VOC's						
Bromobenzene	<	0.0005	mg/l	None	10/15/94	2993
Bromodichloromethane	<	0.0005	mg/l	None	10/15/94	2943
Bromoform	<	0.0005	mg/l	None	10/15/94	2942
Bromomethane	<	0.0005	mg/l	None	10/15/94	2214
Chlorodibromomethane	<	0.0005	mg/l	None	10/15/94	2944
Chloroethane	<	0.0005	mg/l	None	10/15/94	2216
Chloroform	<	0.0005	mg/l	None	10/15/94	2941

: 25337-94-1
: 2

Dickson Water Department

Parameter		Result	Units	MCL	Date	Cont. ID
Chloromethane	<	0.0005	mg/l	None	10/15/94	2210
o-Chlorotoluene	<	0.0005	mg/l	None	10/15/94	2965
p-Chlorotoluene	<	0.0005	mg/l	None	10/15/94	2966
Dibromomethane	<	0.0005	mg/l	None	10/15/94	2408
m-Dichlorobenzene	<	0.0005	mg/l	None	10/15/94	2967
1,1-Dichloroethane	<	0.0005	mg/l	None	10/15/94	2978
1,3-Dichloropropane	<	0.0005	mg/l	None	10/15/94	2412
2,2-Dichloropropane	<	0.0005	mg/l	None	10/15/94	2416
1,1-Dichloropropene	<	0.0005	mg/l	None	10/15/94	2410
1,3-Dichloropropene	<	0.0005	mg/l	None	10/15/94	2413
1,1,1,2-Tetrachloroethane	<	0.0005	mg/l	None	10/15/94	2986
1,1,2,2-Tetrachloroethane	<	0.0005	mg/l	None	10/15/94	2988
1,2,3-Trichloropropane	<	0.0005	mg/l	None	10/15/94	2414

Dewey Klahn
Laboratory Manager

Please review all information in this report for accuracy and completeness.
Contact our office within 10 days if there are any questions.

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/DEAC

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #36068-95-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

NASHVILLE ENVIR. RECEIVED MAR 14 1995 TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION FIELD OFFICE

PWS ID Number (1–7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32–37)	SAMPLE TYPE (38)	SAMPLE TIME (40–46)
0 0 0 0 1 9 1		0 2 2 7 9 5	B	1 3 1 0

Collected by: John Myatt Location (33–35): 0 0 1 206 West Chestnut Street – Location

Lab Name: *Environmental Science Corporation* Lab ID (43–47): 0 2 0 0 6

Cont. ID (9–12)	Name	Sign (13)	Results (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2990	[illegible]	<	0005	4	030395	none	W. Ingram
2073	Bromodichloromethane		0012	4	030395	none	W. Ingram
2942	Bromoform	<	0005	4	030395	none	W. Ingram
2214	Bromomethane	<	0005	4	030395	none	W. Ingram
2944	Chlorodibromomethane	<	0005	4	030395	none	W. Ingram
2216	Chloroethane	<	0005	4	030395	none	W. Ingram
2941	Chloroform		0048	4	030395	none	W. Ingram
2210	Chloromethane	<	0005	4	030395	none	W. Ingram
2965	o-Chlorotoluene	<	0005	4	030395	none	W. Ingram
2966	p-Chlorotoluene	<	0005	4	030395	none	W. Ingram
2408	Dibromomethane	<	0005	4	030395	none	W. Ingram
2967	m-Dichlorobenzene	<	0005	4	030395	none	W. Ingram
[illegible]	1,1-Dichloroethane	<	0005	4	030395	none	W. Ingram
2412	1,3-Dichloropropane	<	0005	4	030395	none	W. Ingram

Dickson Water Department #36068-95-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont. ID	Name	Sign	Results	Decl.	Analysis Date	Analysis By
12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	030395	W. Ingram
2410	1,1-Dichloropropene	<	0005	4	030395	W. Ingram
2413	1,3-Dichloropropene	<	0005	4	030395	W. Ingram
2986	1,1,1,2-Tetrachloroethane	<	0005	4	030395	W. Ingram
2988	1,1,2,2-Tetrachloroethane	<	0005	4	030395	W. Ingram
2414	1,2,3-Trichloropropane	<	0005	4	030395	W. Ingram

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEAC

Unregulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

ublic Water Supply: Dickson Water Department #36704-95-1

Name and Address: 206 W Chestnut St
Dickson, TN 37055

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	(8)	0 3 0 6 9 5 (32-37)	B (38)	1 3 0 (43-46)

NASHVILLE ENVIRONMENTAL RECEIVED MAR 21 1995 TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION FIELD OFFICE

Collected by: John Myatt Location 0 0 1 (33-35) 206 West Chestnut Street - Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43-47)

Cont. ID (9-12)	Name	Sign (13)	Results (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
2993	Bromobenzene	<	0005	4	031095	none	W. Ingram
43	Bromodichloromethane	<	0005	4	031095	none	W. Ingram
2942	Bromoform	<	0005	4	031095	none	W. Ingram
2214	Bromomethane	<	0005	4	031095	none	W. Ingram
2944	Chlorodibromomethane		0009	4	031095	none	W. Ingram
2216	Chloroethane	<	0005	4	031095	none	W. Ingram
2941	Chloroform		0039	4	031095	none	W. Ingram
2210	Chloromethane	<	0005	4	031095	none	W. Ingram
2965	o-Chlorotoluene	<	0005	4	031095	none	W. Ingram
2966	p-Chlorotoluene	<	0005	4	031095	none	W. Ingram
2408	Dibromomethane	<	0005	4	031095	none	W. Ingram
2967	m-Dichlorobenzene	<	0005	4	031095	none	W. Ingram
2978	1,1-Dichloroethane	<	0005	4	031095	none	W. Ingram
2412	1,3-Dichloropropane	<	0005	4	031095	none	W. Ingram

Dickson Water Department #36704-95-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	Analysis By
12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	031095	W. Ingram
2410	1,1-Dichloropropene	<	0005	4	031095	W. Ingram
2413	1,3-Dichloropropene	<	0005	4	031095	W. Ingram
2986	1,1,1,2-Tetrachloroethane	<	0005	4	031095	W. Ingram
2988	1,1,2,2-Tetrachloroethane	<	0005	4	031095	W. Ingram
2414	1,2,3-Trichloropropane	<	0005	4	031095	W. Ingram

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEPAC

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

)lic Water Supply: Dickson Water Department #39613-95-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

PWS ID Number: 0 0 0 0 1 9 1 (1–7)

ENTRY POINT: (8)

SAMPLE DATE mo day year: 0 4 1 0 9 5 (32–37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 1 1 1 5 (43–46)

Collected by: John Myatt Location: 0 0 1 (33–35) 206 West Chestnut Street – Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43–47)

Cont. ID (9–12)	Name	Sign (13)	Results (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2993	Bromobenzene	<	0005	4	041395	none	W. Ingram
3	Bromodichloromethane		0014	4	041395	none	W. Ingram
2942	Bromoform	<	0005	4	041395	none	W. Ingram
2214	Bromomethane	<	0005	4	041395	none	W. Ingram
2944	Chlorodibromomethane	<	0005	4	041395	none	W. Ingram
2216	Chloroethane	<	0005	4	041395	none	W. Ingram
2941	Chloroform		0086	4	041395	none	W. Ingram
2210	Chloromethane	<	0005	4	041395	none	W. Ingram
2965	o-Chlorotoluene	<	0005	4	041395	none	W. Ingram
2966	p-Chlorotoluene	<	0005	4	041395	none	W. Ingram
2408	Dibromomethane	<	0005	4	041395	none	W. Ingram
2967	m-Dichlorobenzene	<	0005	4	041395	none	W. Ingram
2978	1,1-Dichloroethane	<	0005	4	041395	none	W. Ingram
..12	1,3-Dichloropropane	<	0005	4	041395	none	W. Ingram

Dickson Water Department #39613-95-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	Analysis By
?		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	041395	W. Ingram
2410	1,1-Dichloropropene	<	0005	4	041395	W. Ingram
2413	1,3-Dichloropropene	<	0005	4	041395	W. Ingram
2986	1,1,1,2-Tetrachloroethane	<	0005	4	041395	W. Ingram
2988	1,1,2,2-Tetrachloroethane	<	0005	4	041395	W. Ingram
2414	1,2,3-Trichloropropane	<	0005	4	041395	W. Ingram

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS / NEFAC

Regulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

ɔlic Water Supply — Dickson Water Department #39613-95-1

Name and Address — 206 W Chestnut St
Dickson, TN 37055
VOC

RECEIVED
NASHVILLE ENVIRONMENTAL
APR 25 1995
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
FIELD OFFICE

PWS ID Number	ENTRY POINT	SAMPLE DATE mo day year	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1		0 4 1 0 9 5	B	1 1 1 5
1 – 7	8	32 – 37	38	39 – 42

Collected by: John Myatt — Location 0 0 1 (29 – 31) — 206 West Chestnut Street Location

Lab Name: *Environmental Science Corporation* — Lab ID 0 2 0 0 6 (43 – 47)

Cont. ID	Name	Sign	Results (mg/l)	Deci.	Analysis Date	MCL mg/l	Analysis By
9 – 12		13	14 – 17	18	23 – 28		
2990	Benzene	<	0005	4	041395	0.005	W. Ingram
..d2	Carbon Tetrachloride	<	0005	4	041395	0.005	W. Ingram
2969	Para-Dichlorobenzene	<	0005	4	041395	0.075	W. Ingram
2980	1,2-Dichloroethane	<	0005	4	041395	0.005	W. Ingram
2977	1,1-Dichloroethylene	<	0005	4	041395	0.007	W. Ingram
2981	1,1,1-Trichloroethane	<	0005	4	041395	0.2	W. Ingram
2984	Trichloroethylene	<	0005	4	041395	0.005	W. Ingram
2976	Vinyl Chloride	<	0005	4	041395	0.002	W. Ingram
2378	1,2,4-Trichlorobenzene	<	0005	4	041395	0.07	W. Ingram
2380	cis-1,2-Dichloroethylene	<	0005	4	041395	0.07	W. Ingram
2955	Xylenes - Total	<	0005	4	041395	10.0	W. Ingram
2964	Dichloromethane	<	0005	4	041395	0.005	W. Ingram
..68	o-Dichlorobenzene	<	0005	4	041395	0.6	W. Ingram
2979	trans-1,2-Dichloroethylene	<	0005	4	041395	0.1	W. Ingram

Dickson Water Department #39613-95-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
12		13	14 –17	18	23 – 28		
2983	1,2-Dichloropropane	<	0005	4	041395	0.005	W. Ingram
2985	1,1,2-Trichloroethane	<	0005	4	041395	0.005	W. Ingram
2987	Tetrachloroethylene	<	0005	4	041395	0.005	W. Ingram
2989	Monochlorobenzene	<	0005	4	041395	0.1	W. Ingram
2991	Toluene	<	0005	4	041395	1.0	W. Ingram
2992	Ethylbenzene	<	0005	4	041395	0.7	W. Ingram
2996	Styrene	<	0005	4	041395	0.1	W. Ingram

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEAC

Regulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
- C-Check Sample
- D-Regular Distribution
- P-Plant Tap Sample
- R-Raw Water Sample
- S-Special Sample
- E-Composite
- B-Entry Point Sample

Public Water Supply Name and Address: Dickson Water Department #41954-95-1
206 W Chestnut St
Dickson, TN 37055
VOC

PWS ID Number: 0 0 0 0 1 9 1 (1 - 7)
ENTRY POINT: (8)
SAMPLE DATE mo day year: 0 5 0 8 9 5 (32 - 37)
SAMPLE TYPE: B (38)
SAMPLE TIME: 1 1 4 5 (39 - 42)

Collected by: John Myatt
Location: 0 0 1 (29 - 31) Filtration Plant – Piney R
Location
Lab Name: *Environmental Science Corporation*
Lab ID: 0 2 0 0 6 (43 - 47)

Cont. ID (9 - 12)	Name	Sign (13)	Results (mg/l) (14 - 17)	Deci. (18)	Analysis Date (23 - 28)	MCL mg/l	Analysis By
2990	Benzene	<	0005	4	051695	0.005	W. Ingram
2982	Carbon Tetrachloride	<	0005	4	051695	0.005	W. Ingram
2969	Para-Dichlorobenzene	<	0005	4	051695	0.075	W. Ingram
2980	1,2-Dichloroethane	<	0005	4	051695	0.005	W. Ingram
2977	1,1-Dichloroethylene	<	0005	4	051695	0.007	W. Ingram
2981	-1,1,1-Trichloroethane	<	0005	4	051695	0.2	W. Ingram
2984	Trichloroethylene	<	0005	4	051695	0.005	W. Ingram
2976	Vinyl Chloride	<	0005	4	051695	0.002	W. Ingram
2378	1,2,4-Trichlorobenzene	<	0005	4	051695	0.07	W. Ingram
2380	cis-1,2-Dichloroethylene	<	0005	4	051695	0.07	W. Ingram
2955	Xylenes - Total	<	0005	4	051695	10.0	W. Ingram
2964	Dichloromethane	<	0005	4	051695	0.005	W. Ingram
2968	o-Dichlorobenzene	<	0005	4	051695	0.6	W. Ingram
2979	trans-1,2-Dichloroethylene	<	0005	4	051695	0.1	W. Ingram

Dickson Water Department #41954-95-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont. ID - 12	Name	Sign 13	Results 14 - 17	Deci. 18	Analysis Date 23 - 28	MCL mg/l	Analysis By
2983	1,2-Dichloropropane	<	0005	4	051695	0.005	W. Ingram
2985	1,1,2-Trichloroethane	<	0005	4	051695	0.005	W. Ingram
2987	Tetrachloroethylene	<	0005	4	051695	0.005	W. Ingram
2989	Monochlorobenzene	<	0005	4	051695	0.1	W. Ingram
2991	Toluene	<	0005	4	051695	1.0	W. Ingram
2992	Ethylbenzene	<	0005	4	051695	0.7	W. Ingram
2996	Styrene	<	0005	4	051695	0.1	W. Ingram

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEAC

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #41954-95-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

PWS ID Number: 0 0 0 0 1 9 1 (1 – 7)

ENTRY POINT: (8)

SAMPLE DATE (mo day year): 0 5 0 8 9 5 (32 – 37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 1 1 4 5 (43 – 46)

Collected by: John Myatt

Location: 0 0 1 (33 – 35) Filtration Plant – Piney R Location

Lab Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43 – 47)

Cont. ID (9 - 12)	Name	Sign (13)	Results (14 - 17)	Deci. (18)	Analysis Date (23 - 28)	MCL mg/l	Analysis By
2993	Bromobenzene	<	0005	4	051695	none	W. Ingram
2943	Bromodichloromethane	<	0005	4	051695	none	W. Ingram
2942	Bromoform	<	0005	4	051695	none	W. Ingram
2214	Bromomethane	<	0005	4	051695	none	W. Ingram
2944	Chlorodibromomethane	<	0005	4	051695	none	W. Ingram
2216	Chloroethane	<	0005	4	051695	none	W. Ingram
2941	Chloroform		0016	4	051695	none	W. Ingram
2210	Chloromethane	<	0005	4	051695	none	W. Ingram
2965	o-Chlorotoluene	<	0005	4	051695	none	W. Ingram
2966	p-Chlorotoluene	<	0005	4	051695	none	W. Ingram
2408	Dibromomethane	<	0005	4	051695	none	W. Ingram
2967	m-Dichlorobenzene	<	0005	4	051695	none	W. Ingram
378	1,1-Dichloroethane	<	0005	4	051695	none	W. Ingram
2412	1,3-Dichloropropane	<	0005	4	051695	none	W. Ingram

Dickson Water Department #41954-95-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont. ID - 12	Name	Sign 13	Results 14 - 17	Deci. 18	Analysis Date 23 - 28	Analysis By
2416	2,2-Dichloropropane	<	0005	4	051695	W. Ingram
2410	1,1-Dichloropropene	<	0005	4	051695	W. Ingram
2413	1,3-Dichloropropene	<	0005	4	051695	W. Ingram
2986	1,1,1,2-Tetrachloroethane	<	0005	4	051695	W. Ingram
2988	1,1,2,2-Tetrachloroethane	<	0005	4	051695	W. Ingram
2414	1,2,3-Trichloropropane	<	0005	4	051695	W. Ingram

DWS/NEDC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Volatile Organic Chemicals

Basin – . . 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #29141-96-2

Name and Address: 206 W Chestnut St

Dickson, TN 37055

VOC

PWS ID Number (1–7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32–37)	SAMPLE TYPE (38)	SAMPLE TIME (39–42)
0 0 0 0 1 9 1	A	0 8 2 6 9 6	S	0 9 0 0

Collected by: _____ Location 0 0 1 (29–31) Lab Trip Blank Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43–47)

Cont. ID (9–12)	Name	Sign (13)	Results (mg/l) (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2990	Benzene					0.005	
2982	Carbon Tetrachloride					0.005	
2969	Para-Dichlorobenzene					0.075	
2980	1,2-Dichloroethane					0.005	
2977	1,1-Dichloroethylene					0.007	
2981	1,1,1-Trichloroethane					0.2	
2984	Trichloroethylene					0.005	
2976	Vinyl Chloride					0.002	
2378	1,2,4-Trichlorobenzene					0.07	
2380	cis-1,2-Dichloroethylene					0.07	
2955	Xylenes - Total					10.0	
2964	Dichloromethane		0 0 0 7	4	1 2 2 2 9 6	0.005	J. Hunt
2968	o-Dichlorobenzene					0.6	
2979	trans-1,2-Dichloroethylene					0.1	

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEAC

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
NOV 07 1996
TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION

Regulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply - Dickson Water Department #23603-96-1

Name and Address: 206 W Chestnut St
Dickson, TN 37055
VOC

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	A (8)	1 0 0 1 9 6 (32-37)	B (38)	1 3 0 7 (39-42)

Collected by: Bruce Trotter Location 0 0 1 (29-31) Piney River Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43-47)

Cont. ID (9-12)	Name	Sign (13)	Results (mg/l) (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
	Benzene	<	0005	4	100796	0.005	J. Hunt
2982	Carbon Tetrachloride	<	0005	4	100796	0.005	J. Hunt
2969	Para-Dichlorobenzene	<	0005	4	100796	0.075	J. Hunt
2980	1,2-Dichloroethane	<	0005	4	100796	0.005	J. Hunt
2977	1,1-Dichloroethylene	<	0005	4	100796	0.007	J. Hunt
2981	1,1,1-Trichloroethane	<	0005	4	100796	0.2	J. Hunt
2984	Trichloroethylene	<	0005	4	100796	0.005	J. Hunt
2976	Vinyl Chloride	<	0005	4	100796	0.002	J. Hunt
2378	1,2,4-Trichlorobenzene	<	0005	4	100796	0.07	J. Hunt
2380	cis-1,2-Dichloroethylene	<	0005	4	100796	0.07	J. Hunt
2955	Xylenes - Total	<	0005	4	100796	10.0	J. Hunt
2964	Dichloromethane	<	0005	4	100796	0.005	J. Hunt
[illegible]8	o-Dichlorobenzene	<	0005	4	100796	0.6	J. Hunt
2979	trans-1,2-Dichloroethylene	<	0005	4	100796	0.1	J. Hunt

Department of Water Department #23603-96-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont.	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
2		13	14 -17	18	23 – 28		
2983	1,2-Dichloropropane	<	0005	4	100796	0.005	J. Hunt
2985	1,1,2-Trichloroethane	<	0005	4	100796	0.005	J. Hunt
2987	Tetrachloroethylene	<	0005	4	100796	0.005	J. Hunt
2989	Monochlorobenzene	<	0005	4	100796	0.1	J. Hunt
2991	Toluene	<	0005	4	100796	1.0	J. Hunt
2992	Ethylbenzene	<	0005	4	100796	0.7	J. Hunt
2996	Styrene	<	0005	4	100796	0.1	J. Hunt

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEAC

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #23603-96-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

PWS ID Number (1-7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (43-46)
0 0 0 0 1 9 1	A	1 0 0 1 9 6	B	1 3 0 7

Collected by: Bruce Trotter Location 0 0 1 (33-35) Piney River Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43-47)

Cont. ID (9-12)	Name	Sign (13)	Results (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
2993	Bromobenzene	<	0005	4	100796	none	J. Hunt
2943	Bromodichloromethane		0027	4	100796	none	J. Hunt
2942	Bromoform	<	0005	4	100796	none	J. Hunt
2214	Bromomethane	<	0005	4	100796	none	J. Hunt
2944	Chlorodibromomethane		0022	4	100796	none	J. Hunt
2216	Chloroethane	<	0005	4	100796	none	J. Hunt
2941	Chloroform		0011	3	100796	none	J. Hunt
2210	Chloromethane	<	0005	4	100796	none	J. Hunt
2965	o-Chlorotoluene	<	0005	4	100796	none	J. Hunt
2966	p-Chlorotoluene	<	0005	4	100796	none	J. Hunt
2408	Dibromomethane	<	0005	4	100796	none	J. Hunt
2967	m-Dichlorobenzene	<	0005	4	100796	none	J. Hunt
3	1,1-Dichloroethane	<	0005	4	100796	none	J. Hunt
2412	1,3-Dichloropropane	<	0005	4	100796	none	J. Hunt

Cont.	Name	Sign	Results	Deci.	Analysis Date	Analysis By
2		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	100796	J. Hunt
2410	1,1-Dichloropropene	<	0005	4	100796	J. Hunt
2413	1,3-Dichloropropene	<	0005	4	100796	J. Hunt
2986	1,1,1,2-Tetrachloroethane	<	0005	4	100796	J. Hunt
2988	1,1,2,2-Tetrachloroethane	<	0005	4	100796	J. Hunt
2414	1,2,3-Trichloropropane	<	0005	4	100796	J. Hunt

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEAC ✓

Regulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #29141-96-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

VOC

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	A (8)	1 2 0 9 9 6 (32–37)	B (38)	0 9 0 5 (39–42)

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
MAR 03 1997
TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION

Collected by: Bruce Trotter Location 0 0 1 (29–31) Well/Lake Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43–47)

Cont. ID (9–12)	Name	Sign (13)	Results (mg/l) (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2990	Benzene	<	0005	4	121996	0.005	J. Hunt
2982	Carbon Tetrachloride	<	0005	4	121996	0.005	J. Hunt
2969	Para-Dichlorobenzene	<	0005	4	121996	0.075	J. Hunt
2980	1,2-Dichloroethane	<	0005	4	121996	0.005	J. Hunt
2977	1,1-Dichloroethylene	<	0005	4	121996	0.007	J. Hunt
2981	1,1,1-Trichloroethane	<	0005	4	121996	0.2	J. Hunt
2984	Trichloroethylene	<	0005	4	121996	0.005	J. Hunt
2976	Vinyl Chloride	<	0005	4	121996	0.002	J. Hunt
2378	1,2,4-Trichlorobenzene	<	0005	4	121996	0.07	J. Hunt
2380	cis-1,2-Dichloroethylene	<	0005	4	121996	0.07	J. Hunt
2955	Xylenes - Total	<	0005	4	121996	10.0	J. Hunt
2964	Dichloromethane		0009	4	121996	0.005	J. Hunt
2968	o-Dichlorobenzene	<	0005	4	121996	0.6	J. Hunt
2979	trans-1,2-Dichloroethylene	<	0005	4	121996	0.1	J. Hunt

Cont.	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	121996	0.005	J. Hunt
2985	1,1,2-Trichloroethane	<	0005	4	121996	0.005	J. Hunt
2987	Tetrachloroethylene	<	0005	4	121996	0.005	J. Hunt
2989	Monochlorobenzene	<	0005	4	121996	0.1	J. Hunt
2991	Toluene	<	0005	4	121996	1.0	J. Hunt
2992	Ethylbenzene	<	0005	4	121996	0.7	J. Hunt
2996	Styrene	<	0005	4	121996	0.1	J. Hunt

DWS/NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #29141-96-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

PWS ID Number (1–7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32–37)	SAMPLE TYPE (38)	SAMPLE TIME (43–46)
0 0 0 0 1 9 1	A	1 2 0 9 9 6	B	0 9 0 5

Collected by: Bruce Trotter Location (33–35): 0 0 1 Well/Lake Location

Lab Name: *Environmental Science Corporation* Lab ID (43–47): 0 2 0 0 6

Cont. ID (9–12)	Name	Sign (13)	Results (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
193	Bromobenzene	<	0005	4	121996	none	J. Hunt
2943	Bromodichloromethane		0033	4	121996	none	J. Hunt
2942	Bromoform	<	0005	4	121996	none	J. Hunt
2214	Bromomethane	<	0005	4	121996	none	J. Hunt
2944	Chlorodibromomethane		0007	4	121996	none	J. Hunt
2216	Chloroethane	<	0005	4	121996	none	J. Hunt
2941	Chloroform		0014	3	121996	none	J. Hunt
2210	Chloromethane	<	0005	4	121996	none	J. Hunt
2965	o-Chlorotoluene	<	0005	4	121996	none	J. Hunt
2966	p-Chlorotoluene	<	0005	4	121996	none	J. Hunt
2408	Dibromomethane	<	0005	4	121996	none	J. Hunt
2967	m-Dichlorobenzene	<	0005	4	121996	none	J. Hunt
2978	1,1-Dichloroethane	<	0005	4	121996	none	J. Hunt
2412	1,3-Dichloropropane	<	0005	4	121996	none	J. Hunt

Cont.	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	121996	J. Hunt
2410	1,1-Dichloropropene	<	0005	4	121996	J. Hunt
2413	1,3-Dichloropropene	<	0005	4	121996	J. Hunt
2986	1,1,1,2-Tetrachloroethane	<	0005	4	121996	J. Hunt
2988	1,1,2,2-Tetrachloroethane	<	0005	4	121996	J. Hunt
2414	1,2,3-Trichloropropane	<	0005	4	121996	J. Hunt

CL

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM DWS/NEAC

NASHVI... FIELD OFFICE RECEIVED APR 02 1997 Public Water Supply TENNESSEE ENVIRONMENT...

TN DEPT OF ENVIRONMENT AND CONSERVATION
MAR 27 9 43 AM '97

Regulated Volatile Organic Chemicals

Dickson Water Department #04540-97-1

Name and Address 206 W Chestnut St

Dickson, TN 37055

DIVISION OF WATER SUPPLY

VOC

Basin ... 4

Sample Type Key
- C-Check Sample
- D-Regular Distribution
- P-Plant Tap Sample
- R-Raw Water Sample
- S-Special Sample
- E-Composite
- B-Entry Point Sample

PWS ID Number: 0 0 0 0 1 9 1 (1 - 7)

ENTRY POINT: A (8)

SAMPLE DATE (mo day year): 0 2 2 4 9 7 (32 - 37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 1 3 1 0 (39 - 42)

Collected by: John Myatt

Location: 0 0 1 (29 - 31) Entry Point "A" Location

Lab Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43 - 47)

Cont. ID (9 - 12)	Name	Sign (13)	Results (mg/l) (14 - 17)	Deci. (18)	Analysis Date (23 - 28)	MCL mg/l	Analysis By
30	Benzene	<	0005	4	031097	0.005	J. Hunt
2982	Carbon Tetrachloride	<	0005	4	031097	0.005	J. Hunt
2969	Para-Dichlorobenzene	<	0005	4	031097	0.075	J. Hunt
2980	1,2-Dichloroethane	<	0005	4	031097	0.005	J. Hunt
2977	1,1-Dichloroethylene	<	0005	4	031097	0.007	J. Hunt
2981	1,1,1-Trichloroethane	<	0005	4	031097	0.2	J. Hunt
2984	Trichloroethylene		0013	4	031097	0.005	J. Hunt
2976	Vinyl Chloride	<	0005	4	031097	0.002	J. Hunt
2378	1,2,4-Trichlorobenzene	<	0005	4	031097	0.07	J. Hunt
2380	cis-1,2-Dichloroethylene	<	0005	4	031097	0.07	J. Hunt
2955	Xylenes - Total	<	0005	4	031097	10.0	J. Hunt
34	Dichloromethane	<	0005	4	031097	0.005	J. Hunt
2968	o-Dichlorobenzene	<	0005	4	031097	0.6	J. Hunt
2979	trans-1,2-Dichloroethylene	<	0005	4	031097	0.1	J. Hunt

Cont. ID - 12	Name	Sign 13	Results 14 -17	Deci. 18	Analysis Date 23 - 28	MCL mg/l	Analysis By
2983	1,2-Dichloropropane	<	0005	4	031097	0.005	J. Hunt
2985	1,1,2-Trichloroethane	<	0005	4	031097	0.005	J. Hunt
2987	Tetrachloroethylene	<	0005	4	031097	0.005	J. Hunt
2989	Monochlorobenzene	<	0005	4	031097	0.1	J. Hunt
2991	Toluene	<	0005	4	031097	1.0	J. Hunt
2992	Ethylbenzene	<	0005	4	031097	0.7	J. Hunt
2996	Styrene	<	0005	4	031097	0.1	J. Hunt

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEAC

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #04540-97-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

PWS ID Number (1–7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32–37)	SAMPLE TYPE (38)	SAMPLE TIME (43–46)
0 0 0 0 1 9 1	A	0 2 2 4 9 7	B	1 3 1 0

Collected by: John Myatt Location (33–35): 0 0 1 Entry Point "A" Location

Lab Name: *Environmental Science Corporation* Lab ID (43–47): 0 2 0 0 6

Cont. ID (9–12)	Name	Sign (13)	Results (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
93	Bromobenzene	<	0005	4	031097	none	J. Hunt
2942	Bromodichloromethane		0039	4	031097	none	J. Hunt
2942	Bromoform	<	0005	4	031097	none	J. Hunt
2214	Bromomethane	<	0005	4	031097	none	J. Hunt
2944	Chlorodibromomethane		0010	4	031097	none	J. Hunt
2216	Chloroethane	<	0005	4	031097	none	J. Hunt
2941	Chloroform		0010	3	031097	none	J. Hunt
2210	Chloromethane	<	0005	4	031097	none	J. Hunt
2965	o-Chlorotoluene	<	0005	4	031097	none	J. Hunt
2966	p-Chlorotoluene	<	0005	4	031097	none	J. Hunt
2408	Dibromomethane	<	0005	4	031097	none	J. Hunt
2967	m-Dichlorobenzene	<	0005	4	031097	none	J. Hunt
2978	1,1-Dichloroethane	<	0005	4	031097	none	J. Hunt
2412	1,3-Dichloropropane	<	0005	4	031097	none	J. Hunt

Cont.	Name	Sign	Results	Deci.	Analysis Date	Analysis By
12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	031097	J. Hunt
2410	1,1-Dichloropropene	<	0005	4	031097	J. Hunt
2413	1,3-Dichloropropene	<	0005	4	031097	J. Hunt
2986	1,1,1,2-Tetrachloroethane	<	0005	4	031097	J. Hunt
2988	1,1,2,2-Tetrachloroethane	<	0005	4	031097	J. Hunt
2414	1,2,3-Trichloropropane	<	0005	4	031097	J. Hunt

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS / NEAC

Regulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #08272-97-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

VOC

RECEIVED
APR 24 1997
DEPT. OF ENVIRONMENT & CONSERVATION

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	A (8)	0 4 0 7 9 7 (32-37)	B (38)	1 1 1 0 (39-42)

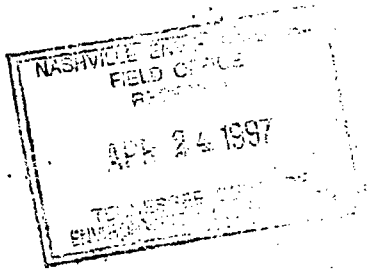
Collected by: Bruce Trotter Location: 0 0 1 (29-31) City Lake "A" Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43-47)

Cont. ID (0-12)	Name	Sign (13)	Results (mg/l) (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
2990	Benzene	<	0005	4	041897	0.005	J. Hunt
2982	Carbon Tetrachloride	<	0005	4	041897	0.005	J. Hunt
2969	Para-Dichlorobenzene	<	0005	4	041897	0.075	J. Hunt
2980	1,2-Dichloroethane	<	0005	4	041897	0.005	J. Hunt
2977	1,1-Dichloroethylene	<	0005	4	041897	0.007	J. Hunt
2981	1,1,1-Trichloroethane	<	0005	4	041897	0.2	J. Hunt
2984	Trichloroethylene		0021	4	041897	0.005	J. Hunt
2976	Vinyl Chloride	<	0005	4	041897	0.002	J. Hunt
2378	1,2,4-Trichlorobenzene	<	0005	4	041897	0.07	J. Hunt
2380	cis-1,2-Dichloroethylene	<	0005	4	041897	0.07	J. Hunt
2955	Xylenes - Total	<	0005	4	041897	10.0	J. Hunt
34	Dichloromethane	<	0005	4	041897	0.005	J. Hunt
2968	o-Dichlorobenzene	<	0005	4	041897	0.6	J. Hunt
2979	trans-1,2-Dichloroethylene	<	0005	4	041897	0.1	J. Hunt

Dickson Water Department #08272-97-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont.	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	041897	0.005	J. Hunt
2985	1,1,2-Trichloroethane	<	0005	4	041897	0.005	J. Hunt
2987	Tetrachloroethylene	<	0005	4	041897	0.005	J. Hunt
2989	Monochlorobenzene	<	0005	4	041897	0.1	J. Hunt
2991	Toluene	<	0005	4	041897	1.0	J. Hunt
2992	Ethylbenzene	<	0005	4	041897	0.7	J. Hunt
2996	Styrene	<	0005	4	041897	0.1	J. Hunt



DWS/NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #08272-97-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

PWS ID Number (1–7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32–37)	SAMPLE TYPE (38)	SAMPLE TIME (43–46)
0 0 0 0 1 9 1	A	0 4 0 7 9 7	B	1 1 1 0

Collected by: Bruce Trotter Location 0 0 1 (33–35) City Lake "A" Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43–47)

Cont. ID (9–12)	Name	Sign (13)	Results (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
33	Bromobenzene	<	0005	4	041897	none	J. Hunt
2943	Bromodichloromethane		0045	4	041897	none	J. Hunt
2942	Bromoform	<	0005	4	041897	none	J. Hunt
2214	Bromomethane	<	0005	4	041897	none	J. Hunt
2944	Chlorodibromomethane		0015	4	041897	none	J. Hunt
2216	Chloroethane	<	0005	4	041897	none	J. Hunt
2941	Chloroform		0018	3	041897	none	J. Hunt
2210	Chloromethane	<	0005	4	041897	none	J. Hunt
2965	o-Chlorotoluene	<	0005	4	041897	none	J. Hunt
2966	p-Chlorotoluene	<	0005	4	041897	none	J. Hunt
2408	Dibromomethane	<	0005	4	041897	none	J. Hunt
2967	m-Dichlorobenzene	<	0005	4	041897	none	J. Hunt
2978	1,1-Dichloroethane	<	0005	4	041897	none	J. Hunt
2412	1,3-Dichloropropane	<	0005	4	041897	none	J. Hunt

Dickson Water Department #08272-97-1 ANALYSIS RESULTS *Environmental Science Corporation*

Cont.	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	041897	J. Hunt
2410	1,1-Dichloropropene	<	0005	4	041897	J. Hunt
2413	1,3-Dichloropropene	<	0005	4	041897	J. Hunt
2986	1,1,1,2-Tetrachloroethane	<	0005	4	041897	J. Hunt
2988	1,1,2,2-Tetrachloroethane	<	0005	4	041897	J. Hunt
2414	1,2,3-Trichloropropane	<	0005	4	041897	J. Hunt

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NERC

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED MAY 15 1997 TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION

Regulated
Volatile Organic Chemicals

Basin – 4

Public Water Supply — Dickson Water Department #09542-97

Name and Address — 206 W Chestnut St

Dickson, TN 37055

VOC

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

PWS ID Number	ENTRY POINT	SAMPLE DATE mo day year	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	A (8)	0 4 2 1 9 7 (32–37)	B (38)	1 2 1 0 (39–42)

Collected by: Bruce Trotter — Location 0 0 1 (29–31) DK-21 Well Location

Lab Name: *Environmental Science Corporation* — Lab ID 0 2 0 0 6 (43–47)

Cont. ID (9–12)	Name	Sign (13)	Results (mg/l) (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2990	Benzene		0			0.005	
2982	Carbon Tetrachloride					0.005	
2969	Para-Dichlorobenzene					0.075	
2980	1,2-Dichloroethane					0.005	
2977	1,1-Dichloroethylene					0.007	
2981	1,1,1-Trichloroethane					0.2	
2984	Trichloroethylene		0 0 3 2	3	0 4 2 1 9 7	0.005	J. Garris
2976	Vinyl Chloride					0.002	
2378	1,2,4-Trichlorobenzene					0.07	
2380	cis-1,2-Dichloroethylene					0.07	
2955	Xylenes - Total					10.0	
2964	Dichloromethane					0.005	
2968	o-Dichlorobenzene					0.6	
2979	trans-1,2-Dichloroethylene					0.1	

Dickson WD

ENVIRONMENTAL
IENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122-2605
(615) 758-5858
1-800-767-5859
Nashville 641-6050
FAX (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

DRINKING WATER ANALYSIS REPORT

April 22, 1997
Sample # : 09542-97-1

Mr. T L Gardner
Dickson Water Department
206 W Chestnut St
Dickson TN 37055

Received Sample on : April 21, 1997
Sample Description : Water Sample - VOC's

Sample Type : B
Sample Location: DK-21 Well
Collection Date/Time : 04/21/97 1210
Collected by : Bruce Trotter

Parameter	Result	Units	MCL	Date	Cont. ID	
Trichloroethylene	0.063	mg/l	0.005	04/21/97	2984	*

Sharon L Northcutt
Sharon Northcutt
ESC Representative

Please review all information in this report for accuracy and completeness.
Contact our office within 10 days if there are any questions.

Special sampling on DK-21 Well Armstrong well - POND plant.

Talked to Sharon on 9/27 she indicated that ~~0.063~~ 0.032 was accurate for this sample.

* Result is over the MCL.

DWS/NOAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Basin - 4

Regulated
Volatile Organic Chemicals

Public Water Supply — Dickson Water Department #09543-97-1

Name and Address — 206 W Chestnut St
Dickson, TN 37055

VOC

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

PWS ID Number (1-7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (39-42)
0 0 0 0 1 9 1	A	0 4 2 1 9 7	B	1 2 2 2

Collected by: Bruce Trotter — Location (29-31): 0 0 1 — 125 Pond Location

Lab Name: *Environmental Science Corporation* — Lab ID (43-47): 0 2 0 0 6

Cont. ID (9-12)	Name	Sign (13)	Results (mg/l) (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
2990	Benzene		0			0.005	
2982	Carbon Tetrachloride					0.005	
2969	Para-Dichlorobenzene					0.075	
2980	1,2-Dichloroethane					0.005	
2977	1,1-Dichloroethylene					0.007	
2981	1,1,1-Trichloroethane					0.2	
2984	Trichloroethylene	<	0 0 0 5	4	0 4 2 2 9 7	0.005	J. Garris
2976	Vinyl Chloride					0.002	
2378	1,2,4-Trichlorobenzene					0.07	
2380	cis-1,2-Dichloroethylene					0.07	
2955	Xylenes - Total					10.0	
2964	Dichloromethane					0.005	
2968	o-Dichlorobenzene					0.6	
2979	trans-1,2-Dichloroethylene					0.1	

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
MAY 15 1997
TENNESSEE DEPT OF ENVIRONMENT & CONSERVATION

DWS/NBAC

Regulated
Volatile Organic Chemicals

Basis - 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #09541-97-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

VOC

PWS ID Number	ENTRY POINT	SAMPLE DATE mo day year	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1	A	0 4 2 1 9 7	B	1 2 0 5
1 7	8	32 37	38	39 42

Collected by: Bruce Trotter Location 0 0 1 (29 31) 125 Robinson Rd (Location)

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43 - 47)

Cont. ID	Name	Sign	Results (mg/l)	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 - 17	18	23 - 28		
2990	Benzene		0			0.005	
2982	Carbon Tetrachloride					0.005	
2969	Para-Dichlorobenzene					0.075	
2980	1,2-Dichloroethane					0.005	
2977	1,1-Dichloroethylene					0.007	
2981	1,1,1-Trichloroethane					0.2	
2984	Trichloroethylene	<	0 0 0 5	4	0 4 2 1 9 7	0.005	J. Garris
2976	Vinyl Chloride					0.002	
2378	1,2,4-Trichlorobenzene					0.07	
2380	cis-1,2-Dichloroethylene					0.07	
2955	Xylenes - Total					10.0	
964	Dichloromethane					0.005	
2968	o-Dichlorobenzene					0.6	
2979	trans-1,2-Dichloroethylene					0.1	

DWS/NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED MAY 15 1997 TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION

Regulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #09544-97-1

Name and Address: 206 W Chestnut St
Dickson, TN 37055

VOC

PWS ID Number	ENTRY POINT	SAMPLE DATE mo day year	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	A (8)	0 4 2 9 7 (32–37)	R (38)	1 2 3 5 (39–42)

Collected by: Bruce Trotter Location 0 0 1 (29–31) Raw Water (Lake) Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43–47)

Cont. ID (9–12)	Name	Sign (13)	Results (mg/l) (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2990	Benzene		0			0.005	
2982	Carbon Tetrachloride					0.005	
2969	Para-Dichlorobenzene					0.075	
2980	1,2-Dichloroethane					0.005	
2977	1,1-Dichloroethylene					0.007	
2981	1,1,1-Trichloroethane					0.2	
2984	Trichloroethylene	<	0 0 0 5	4	0 4 2 2 9 7	0.005	J. Garris
2976	Vinyl Chloride					0.002	
2378	1,2,4-Trichlorobenzene					0.07	
2380	cis-1,2-Dichloroethylene					0.07	
2955	Xylenes - Total					10.0	
64	Dichloromethane					0.005	
2968	o-Dichlorobenzene					0.6	
2979	trans-1,2-Dichloroethylene					0.1	

DGS/NEAG

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Unregulated
Volatile Organic Chemicals

Public Water Supply: Dickson Water Department #19735-97-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

Sample Type Key:
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	A (8)	0 8 1 9 9 7 (32–37)	B (38)	0 9 2 2 (43–46)

Collected by: Bruce Trotter Location: 0 0 1 (33–35) Entry Point Water Plant Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43–47)

Cont. ID (9–12)	Name	Sign (13)	Results (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2993	Bromobenzene	<	0005	4	090197	none	J. Garris
2943	Bromodichloromethane		0020	4	090197	none	J. Garris
2942	Bromoform	<	0005	4	090197	none	J. Garris
2214	Bromomethane	<	0005	4	090197	none	J. Garris
2944	Chlorodibromomethane		0010	4	090197	none	J. Garris
2216	Chloroethane	<	0005	4	090197	none	J. Garris
2941	Chloroform		0039	4	090197	none	J. Garris
2210	Chloromethane	<	0005	4	090197	none	J. Garris
2965	o-Chlorotoluene	<	0005	4	090197	none	J. Garris
2966	p-Chlorotoluene	<	0005	4	090197	none	J. Garris
2408	Dibromomethane	<	0005	4	090197	none	J. Garris
2967	m-Dichlorobenzene	<	0005	4	090197	none	J. Garris
2978	1,1-Dichloroethane	<	0005	4	090197	none	J. Garris
2412	1,3-Dichloropropane	<	0005	4	090197	none	J. Garris

ənt.	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	090197	J. Garris
2410	1,1-Dichloropropene	<	0005	4	090197	J. Garris
2413	1,3-Dichloropropene	<	0005	4	090197	J. Garris
2986	1,1,1,2-Tetrachloroethane	<	0005	4	090197	J. Garris
2988	1,1,2,2-Tetrachloroethane	<	0005	4	090197	J. Garris
2414	1,2,3-Trichloropropane	<	0005	4	090197	J. Garris

DWS/NPDC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
SEP 17 1997
TENNESSEE DEPT OF ENVIRONMENT & CONSERVATION
Basin

Regulated
Volatile Organic Chemicals

Public Water Supply: Dickson Water Department #19735-97-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

VOC

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	A (8)	0 8 1 9 9 7 (32–37)	B (38)	0 9 2 2 (39–42)

Collected by: Bruce Trotter Location 0 0 1 (29–31) Entry Point Water Plant Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43–47)

Cont. ID (1–12)	Name	Sign (13)	Results (mg/l) (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2990	Benzene	<	0005	4	090197	0.005	J. Garris
2982	Carbon Tetrachloride	<	0005	4	090197	0.005	J. Garris
2969	Para-Dichlorobenzene	<	0005	4	090197	0.075	J. Garris
2980	1,2-Dichloroethane	<	0005	4	090197	0.005	J. Garris
2977	1,1-Dichloroethylene	<	0005	4	090197	0.007	J. Garris
2981	1,1,1-Trichloroethane	<	0005	4	090197	0.2	J. Garris
2984	Trichloroethylene	<	0005	4	090197	0.005	J. Garris
2976	Vinyl Chloride	<	0005	4	090197	0.002	J. Garris
2378	1,2,4-Trichlorobenzene	<	0005	4	090197	0.07	J. Garris
2380	cis-1,2-Dichloroethylene	<	0005	4	090197	0.07	J. Garris
2955	Xylenes - Total	<	0005	4	090197	10.0	J. Garris
964	Dichloromethane	<	0005	4	090197	0.005	J. Garris
2968	o-Dichlorobenzene	<	0005	4	090197	0.6	J. Garris
2979	trans-1,2-Dichloroethylene	<	0005	4	090197	0.1	J. Garris

nt. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	090197	0.005	J. Garris
2985	1,1,2-Trichloroethane	<	0005	4	090197	0.005	J. Garris
2987	Tetrachloroethylene	<	0005	4	090197	0.005	J. Garris
2989	Monochlorobenzene	<	0005	4	090197	0.1	J. Garris
2991	Toluene	<	0005	4	090197	1.0	J. Garris
2992	Ethylbenzene	<	0005	4	090197	0.7	J. Garris
2996	Styrene	<	0005	4	090197	0.1	J. Garris

DWS/NEAC. Dickson

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #06255-98-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

VOC

PWS ID Number: 0 0 0 0 1 9 1 (1 - 7)

ENTRY POINT: A (8)

SAMPLE DATE (mo day year): 0 3 1 6 9 8 (32 - 37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 0 8 4 5 (39 - 42)

Collected by: Bruce Trotter

Location: 0 0 1 (29 - 31) Entry Point Water Plant Location

Lab Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43 - 47)

Cont. ID (9 - 12)	Name	Sign (13)	Results (mg/l) (14 - 17)	Deci. (18)	Analysis Date (23 - 28)	MCL mg/l	Analysis By
2990	Benzene	<	0005	4	032698	0.005	B. Miller
2982	Carbon Tetrachloride	<	0005	4	032698	0.005	B. Miller
2969	Para-Dichlorobenzene	<	0005	4	032698	0.075	B. Miller
2980	1,2-Dichloroethane	<	0005	4	032698	0.005	B. Miller
2977	1,1-Dichloroethylene	<	0005	4	032698	0.007	B. Miller
2981	1,1,1-Trichloroethane	<	0005	4	032698	0.2	B. Miller
2984	Trichloroethylene	<	0005	4	032698	0.005	B. Miller
2976	Vinyl Chloride	<	0005	4	032698	0.002	B. Miller
2378	1,2,4-Trichlorobenzene	<	0005	4	032698	0.07	B. Miller
2380	cis-1,2-Dichloroethylene	<	0005	4	032698	0.07	B. Miller
2955	Xylenes - Total	<	0005	4	032698	10.0	B. Miller
2964	Dichloromethane	<	0005	4	032698	0.005	B. Miller
2968	o-Dichlorobenzene	<	0005	4	032698	0.6	B. Miller
2979	trans-1,2-Dichloroethylene	<	0005	4	032698	0.1	B. Miller

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 – 28		
2983	1,2-Dichloropropane	<	0005	4	032698	0.005	B. Miller
2985	1,1,2-Trichloroethane	<	0005	4	032698	0.005	B. Miller
2987	Tetrachloroethylene	<	0005	4	032698	0.005	B. Miller
2989	Monochlorobenzene	<	0005	4	032698	0.1	B. Miller
2991	Toluene	<	0005	4	032698	1.0	B. Miller
2992	Ethylbenzene	<	0005	4	032698	0.7	B. Miller
2996	Styrene	<	0005	4	032698	0.1	B. Miller

DWS/NELAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Unregulated
Volatile Organic Chemicals

Basin - . 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply — Dickson Water Department #06255-98-1

Name and Address — 206 W Chestnut St

Dickson, TN 37055

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	A (8)	0 3 1 6 9 8 (32–37)	B (38)	0 8 4 5 (43–46)

Collected by: Bruce Trotter — Location 0 0 1 (33–35) — Entry Point Water Plant Location

Lab Name: *Environmental Science Corporation* — Lab ID 0 2 0 0 6 (43 - 47)

Cont. ID (9 - 12)	Name	Sign (13)	Results (14 -17)	Deci. (18)	Analysis Date (23 - 28)	MCL mg/l	Analysis By
2993	Bromobenzene	<	0005	4	032698	none	B. Miller
2943	Bromodichloromethane		0009	4	032698	none	B. Miller
2942	Bromoform	<	0005	4	032698	none	B. Miller
2214	Bromomethane	<	0005	4	032698	none	B. Miller
2944	Chlorodibromomethane		0007	4	032698	none	B. Miller
2216	Chloroethane	<	0005	4	032698	none	B. Miller
2941	Chloroform		0015	4	032698	none	B. Miller
2210	Chloromethane	<	0005	4	032698	none	B. Miller
2965	o-Chlorotoluene	<	0005	4	032698	none	B. Miller
2966	p-Chlorotoluene	<	0005	4	032698	none	B. Miller
2408	Dibromomethane	<	0005	4	032698	none	B. Miller
2967	m-Dichlorobenzene	<	0005	4	032698	none	B. Miller
2978	1,1-Dichloroethane	<	0005	4	032698	none	B. Miller
2412	1,3-Dichloropropane	<	0005	4	032698	none	B. Miller

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWB/NEAC 3/27

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #06971-98-1

Name and Address: 206 W Chestnut St
Dickson, TN 37055

PWS ID Number (1–7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32–37)	SAMPLE TYPE (38)	SAMPLE TIME (43–46)
0 0 0 0 1 9 1	A	0 3 2 4 9 8	R	1 1 2 0

Collected by: Bruce Trotter Location (33–35): 0 0 1 City Lake Raw Water Location

Lab Name: *Environmental Science Corporation* Lab ID (43–47): 0 2 0 0 6

Cont. ID (9–12)	Name	Sign (13)	Results (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2993	Bromobenzene	<	0005	4	040298	none	B. Miller
2943	Bromodichloromethane		0075	4	040298	none	B. Miller
2942	Bromoform	<	0005	4	040298	none	B. Miller
2214	Bromomethane	<	0005	4	040298	none	B. Miller
2944	Chlorodibromomethane		0040	4	040298	none	B. Miller
2216	Chloroethane	<	0005	4	040298	none	B. Miller
2941	Chloroform		0015	3	040298	none	B. Miller
2210	Chloromethane	<	0005	4	040298	none	B. Miller
2965	o-Chlorotoluene	<	0005	4	040298	none	B. Miller
2966	p-Chlorotoluene	<	0005	4	040298	none	B. Miller
2408	Dibromomethane	<	0005	4	040298	none	B. Miller
2967	m-Dichlorobenzene	<	0005	4	040298	none	B. Miller
2978	1,1-Dichloroethane	<	0005	4	040298	none	B. Miller
2412	1,3-Dichloropropane	<	0005	4	040298	none	B. Miller

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	040298	B. Miller
2410	1,1-Dichloropropene	<	0005	4	040298	B. Miller
2413	1,3-Dichloropropene	<	0005	4	040298	B. Miller
2986	1,1,1,2-Tetrachloroethane	<	0005	4	040298	B. Miller
2988	1,1,2,2-Tetrachloroethane	<	0005	4	040298	B. Miller
2414	1,2,3-Trichloropropane	<	0005	4	040298	B. Miller

DWS/NEAC MS-1119

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department #21505-98-1

Name and Address: 206 W Chestnut St
Dickson, TN 37055

VOC

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	C (8)	0 8 2 7 9 8 (32–37)	B (38)	1 0 3 0 (39–42)

Collected by: John Myatt Location: 0 0 1 (29–31) Entry Point – DK21 Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43–47)

TENN. DEPT. OF ENVIR. & CONSERV. 1998 NOV -4 PM 1:56 RECD CLARKSVILLE FIELD

Cont. ID (9–12)	Name	Sign (13)	Results (mg/l) (14–17)	Deci. (18)	Analysis Date (23–28)	MCL mg/l	Analysis By
2990	Benzene	<	0005	4	090198	0.005	Bill
2982	Carbon Tetrachloride	<	0005	4	090198	0.005	Bill
2969	Para-Dichlorobenzene	<	0005	4	090198	0.075	Bill
2980	1,2-Dichloroethane	<	0005	4	090198	0.005	Bill
2977	1,1-Dichloroethylene	<	0005	4	090198	0.007	Bill
2981	1,1,1-Trichloroethane	<	0005	4	090198	0.2	Bill
2984	Trichloroethylene	<	0005	4	090198	0.005	Bill
2976	Vinyl Chloride	<	0005	4	090198	0.002	Bill
2378	1,2,4-Trichlorobenzene	<	0005	4	090198	0.07	Bill
2380	cis-1,2-Dichloroethylene	<	0005	4	090198	0.07	Bill
2955	Xylenes - Total	<	0005	4	090198	10.0	Bill
2964	Dichloromethane	<	0005	4	090198	0.005	Bill
2968	o-Dichlorobenzene	<	0005	4	090198	0.6	Bill
2979	trans-1,2-Dichloroethylene	<	0005	4	090198	0.1	Bill

Dickson Water Department #21505-98-1

Regulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	090198	0.005	Bill
2985	1,1,2-Trichloroethane	<	0005	4	090198	0.005	Bill
2987	Tetrachloroethylene	<	0005	4	090198	0.005	Bill
2989	Monochlorobenzene	<	0005	4	090198	0.1	Bill
2991	Toluene	<	0005	4	090198	1.0	Bill
2992	Ethylbenzene	<	0005	4	090198	0.7	Bill
2996	Styrene	<	0005	4	090198	0.1	Bill

MS-1119

DWS/NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Unregulated
Volatile Organic Chemicals

Basin – 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply Name and Address: Dickson Water Department #21505-98-1
206 W Chestnut St
Dickson, TN 37055

PWS ID Number (1–7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32–37)	SAMPLE TYPE (38)	SAMPLE TIME (43–46)
0 0 0 0 1 9 1	C	0 8 2 7 9 8	B	1 0 3 0

Collected by: John Myatt Location 0 0 1 (33–35) Entry Point – DK2 Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43–47)

TENN. DEPT. OF ENVIR. & CONSERV.
1998 NOV -4 PM 1:56
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Cont. ID 9 - 12	Name	Sign 13	Results 14 -17	Deci. 18	Analysis Date 23 - 28	MCL mg/l	Analysis By
2993	Bromobenzene	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2943	Bromodichloromethane	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2942	Bromoform	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2214	Bromomethane	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2944	Chlorodibromomethane	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2216	Chloroethane	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2941	Chloroform	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2210	Chloromethane	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2965	o-Chlorotoluene	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2966	p-Chlorotoluene	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2408	Dibromomethane	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2967	m-Dichlorobenzene	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2978	1,1-Dichloroethane	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill
2412	1,3-Dichloropropane	<	0 0 0 5	4	0 9 0 1 9 8	none	Bill

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	090198	Bill
2410	1,1-Dichloropropene	<	0005	4	090198	Bill
2413	1,3-Dichloropropene	<	0005	4	090198	Bill
2986	1,1,1,2-Tetrachloroethane	<	0005	4	090198	Bill
2988	1,1,2,2-Tetrachloroethane	<	0005	4	090198	Bill
2414	1,2,3-Trichloropropane	<	0005	4	090198	Bill

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Inorganics

OWS / NERC

Water System: Dickson Water Department #37495-99-1

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key (4)

D-Distribution
B-Entry Point Sample
E-Composite
S-Special

RECD NASHVILLE ENVIR FIELD OFFICE

PWSID (1–7)	ENTRY POINT (8)	SAMPLE DATE (32–37)	SAMPLE TYPE (38)	SAMPLE TIME (39–42)
0 0 0 0 1 9 1	A	0 1 1 3 9 9	B	1 0 5 8

Collected by: John Myatt

Sampling Point (29–31): 0 0 1 — 206 West Chestnut St

Laboratory Name: *Environmental Science Corporation*

Lab ID (43–47): 0 2 0 0 6

Analyte ID (9–12)	Name	Sign (13)	Results (14–17)	Decimal (18)	Analysis Date (23–28)	MCL mg/l	Suggested MDL mg/l	Analyst
1005	Arsenic	<	0050	4	012599	0.05	0.01	F. Meenen
1010	Barium		0020	3	012199	2.0	0.1	R. Celia
1015	Cadmium	<	0050	5	012799	0.005	0.0001	F. Meenen
1020	Chromium	<	0020	4	012199	0.1	0.001	R. Celia
1024	Cyanide		0059	4	012599	0.2	0.02	G. Eads
1025	Fluoride		0011	1	012999	4.0	0.2	J. Cosby
1035	Mercury	<	0020	5	012999	0.002	0.0002	P. Harvey
1036	Nickel	<	0015	3	012199	0.1	0.001	R. Celia
1045	Selenium	<	0050	4	012799	0.05	0.002	F. Meenen
1052	Sodium		0019	1	012999			F. Meenen
1074	Antimony - Total	<	0025	4	012799	0.006	0.0008	F. Meenen
1075	Beryllium - Total	<	0020	4	012199	0.004	0.0002	R. Celia
1085	Thallium - Total	<	0010	4	012299	0.002	0.0007	F. Meenen

Compositing of samples is encouraged, however, laboratories analyzing for the presence of inorganics must achieve a minimum detection limit of less than one-fifth of the MCL when compositing. Analytical reports showing contaminant concentrations at a value less than a number which is greater than the MCL are invalid. For example, if the analysis of a sample for thallium indicates a concentration of < 0.003 mg/L then the results would be invalid for the purpose of determining compliance with the Safe Drinking Water Act. If nitric acid cannot be used in the field as a preservatibe because of safety or shipping restrictions, metal samples may be preserved in the laboratory for 16 hours prior to the analysis.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Secondary Standards

DWS/2676

4
Sample Type Key
D-Distribution
B-Entry Point Sample
S-Special

Water System: Dickson Water Department #37495-99-1

Name and Address: 206 W Chestnut St
Dickson, TN 37055

County:

PWSID (1-7)	ENTRY POINT (8)	SAMPLE DATE (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (39-42)
0 0 0 0 1 9 1	A	0 1 1 3 9 9	B	1 0 5 8

Collected by: John Myatt Sampling Point: 0 0 1 206 West Chestnut St

Laboratory Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43-47)

Analyte ID (9-12)	Name	Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/L**	Analyst
1002	Aluminum	<	0020	3	012199	0.2	R. Celia
1017	Chloride.		0053	1	011599	250	J. Cosby
1022	Copper	<	0010	3	012199	1.0	R. Celia
1025	Fluoride		0011	1	012199	2.0	J Cosby
1028	Iron	<	0010	3	012199	0.3	R. Celia
1032	Manganese	<	0010	3	012199	0.05	R. Celia
1050	Silver	<	0020	4	012199	0.1	R. Celia
1055	Sulfate	<	0010	0	011999	250	J. Hill
1089	MBAS	<	0020	2	011499	0.5	A. Colby
1095	Zinc	<	0010	3	012199	5.0	R. Celia
1905	Color		0001	0	011499	15 PCU	S. Eakes
1920	Odor		0001	0	011499	3 TON	S. Eakes
1925	pH					6.5-8.5 S.U.	
1930	T.D.S.		0140	0	011599	500	S. Clark On-Site

**unless otherwise noted

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

CN – 0778 (Rev. 6/95) RDA Pending

Tennessee Department of Environment and Conservation

CHEMICAL ANALYSIS REPORT FORM

OWS / NEAC

TENN. DEPT. OF ENVIR. & CONSERV.

1999 MAY 26 PM 2:58

REC'D NASHVILLE ENVIR. FIELD OFFICE

Unregulated

Volatile Organic Chemicals

Basin – 4

Public Water Supply

Name and Address: Dickson Water Department #48150-99-1

121 South Main

Dickson, TN 37055

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

PWS ID Number: 0 0 0 0 1 9 1 (1 – 7)

ENTRY POINT: A (8)

SAMPLE DATE (mo day year): 0 4 0 7 9 9 (32 – 37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 0 9 1 0 (43 – 46)

Collected by: Bruce Trotter

Location: 0 0 1 (33 – 35) Water Plant Entry Point A

Lab Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43 – 47)

Cont. ID (9 – 12)	Name	Sign (13)	Results (14 – 17)	Deci. (18)	Analysis Date (23 – 28)	MCL mg/l	Analysis By
3	Bromobenzene	<	0050	5	041299	none	T. Bendon
2943	Bromodichloromethane		0056	5	041299	none	T. Bendon
2942	Bromoform	<	0050	5	041299	none	T. Bendon
2214	Bromomethane	<	0050	5	041299	none	T. Bendon
2944	Chlorodibromomethane	<	0050	5	041299	none	T. Bendon
2216	Chloroethane	<	0050	5	041299	none	T. Bendon
2941	Chloroform		0086	5	041299	none	T. Bendon
2210	Chloromethane	<	0050	5	041299	none	T. Bendon
2965	o-Chlorotoluene	<	0050	5	041299	none	T. Bendon
2966	p-Chlorotoluene	<	0050	5	041299	none	T. Bendon
2408	Dibromomethane	<	0050	5	041299	none	T. Bendon
2967	m-Dichlorobenzene	<	0050	5	041299	none	T. Bendon
6	1,1-Dichloroethane	<	0050	5	041299	none	T. Bendon
2412	1,3-Dichloropropane	<	0050	5	041299	none	T. Bendon

Dickson Water Department #48150-99-1 ANALYSIS RESULTS *Environmental Science Corporation*

Pt.	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0050	5	041299	T. Bendon
2410	1,1-Dichloropropene	<	0050	5	041299	T. Bendon
2413	1,3-Dichloropropene	<	0050	5	041299	T. Bendon
2986	1,1,1,2-Tetrachloroethane	<	0050	5	041299	T. Bendon
2988	1,1,2,2-Tetrachloroethane	<	0050	5	041299	T. Bendon
2414	1,2,3-Trichloropropane	<	0050	5	041299	T. Bendon

Tennessee Department of Environment and Conservation

DWS/NEAC

TENN. DEPT. OF ENVIR. & CONSERV.

'99 MAY 26 PM 2:58

REC'D NASHVILLE ENVIR. FIELD OFFICE

CHEMICAL ANALYSIS REPORT FORM

Regulated

Volatile Organic Chemicals

Basin – 4

Public Water Supply

Name and Address

Dickson Water Department #48150-99-1

121 South Main

Dickson, TN 37055

VOC

Sample Type Key

C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

PWS ID Number: 0 0 0 0 1 9 1 (1 – 7)

ENTRY POINT: A (8)

SAMPLE DATE (mo day year): 0 4 0 7 9 9 (32 – 37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 0 9 1 0 (39 – 42)

Collected by: Bruce Trotter

Location: 0 0 1 (29 – 31) Water Plant Entry Point A

Lab Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43 – 47)

Cont. ID (9 – 12)	Name	Sign (13)	Results (mg/l) (14 – 17)	Deci. (18)	Analysis Date (23 – 28)	MCL mg/l	Analysis By
.0	Benzene	<	0050	5	041299	0.005	T. Bendon
2982	Carbon Tetrachloride	<	0050	5	041299	0.005	T. Bendon
2969	Para-Dichlorobenzene	<	0050	5	041299	0.075	T. Bendon
2980	1,2-Dichloroethane	<	0050	5	041299	0.005	T. Bendon
2977	1,1-Dichloroethylene	<	0050	5	041299	0.007	T. Bendon
2981	1,1,1-Trichloroethane	<	0050	5	041299	0.2	T. Bendon
2984	Trichloroethylene	<	0050	5	041299	0.005	T. Bendon
2976	Vinyl Chloride	<	0050	5	041299	0.002	T. Bendon
2378	1,2,4-Trichlorobenzene	<	0050	5	041299	0.07	T. Bendon
2380	cis-1,2-Dichloroethylene	<	0050	5	041299	0.07	T. Bendon
2955	Xylenes - Total	<	0050	5	041299	10.0	T. Bendon
2964	Dichloromethane	<	0050	5	041299	0.005	T. Bendon
2968	o-Dichlorobenzene	<	0050	5	041299	0.6	T. Bendon
2979	trans-1,2-Dichloroethylene	<	0050	5	041299	0.1	T. Bendon

Cont.	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0050	5	041299	0.005	T. Bendon
2985	1,1,2-Trichloroethane	<	0050	5	041299	0.005	T. Bendon
2987	Tetrachloroethylene	<	0050	5	041299	0.005	T. Bendon
2989	Monochlorobenzene	<	0050	5	041299	0.1	T. Bendon
2991	Toluene	<	0050	5	041299	1.0	T. Bendon
2992	Ethylbenzene	<	0050	5	041299	0.7	T. Bendon
2996	Styrene	<	0050	5	041299	0.1	T. Bendon

Tennessee Public Health Department
CHEMICAL ANALYSIS REPORT FORM

12/28/99

Total Trihalomethane DWS/NEPC

Basin - 4

Public Water Supply Name and Address: Dickson Water Department L5212-01; 206 W Chestnut St; Dickson, TN 37055; County:

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite

PWS ID Number (1-7)	TRANSACTION CODE (8-9)	SAMPLE DATE month day year (30-41)	SAMPLE TYPE (42)	SAMPLE TIME (43-46)
0 0 0 0 1 9 1	0 9	1 1 0 4 9 9	D	0 8 1 0

Collected by: John Myatt Location 0 0 1 2415 HWY 70 E
(33-35) Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

Cont. ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Deci. (22)	Analysis Date (27-32)	Analysis By
	Trichloromethane	2 1 3		0 0 4 3	3	1 1 0 9 9 9	303
	Bromodichloromethane	2 1 3		0 0 4 9	4	1 1 0 9 9 9	303
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	1 1 0 9 9 9	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	1 1 0 9 9 9	303
2950	Total Trihalomethane	2 1 3		0 4 9 9	4	1 1 0 9 9 9	

The maximum contaminate level for Total Trihalomethane is 0.10 mg/l.

Name of Water Treatment Plant serving this distribution system

*Total Trihalomethane is determined by adding together the results of the trichloromethane, bromodichloromethane, chlorodibromomethane, and tribromomethane results.

For all community water systems analyses for total trihalomethanes shall be performed at quarterly intervals on at least four water samples for each treatment plant used by the system. At least 25 percent of the samples shall be taken at locations within the distribution system reflecting the maximum residence time of the water in the system. The remaining 75 percent shall be taken at representative locations in the distribution system, taking into account number of persons served, different sources of water and different treatment methods employed. The results of all analyses per quarter shall be arithmetically averaged and reported to the State within 30 days of the system's receipt of such results.

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
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TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

PH-2112
WAT 12/81

Tennessee Public Health Department
CHEMICAL ANALYSIS REPORT FORM

Total Trihalomethane

Basin - 4

Public Water Supply: Dickson Water Department L5212-02

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	0 9 (8-9)	1 1 0 4 9 9 (36-41)	D (42)	0 8 4 0 (43-46)

Collected by: John Myatt Location 0 0 1 (33-35) 3479 HWY 70 W
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

Cont. ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decl. (22)	Analysis Date (27-32)	Analysis By
	Trichloromethane	2 1 3		0 0 1 9	3	1 1 0 9 9 9	303
	Bromodichloromethane	2 1 3		0 0 3 4	4	1 1 0 9 9 9	303
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	1 1 0 9 9 9	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	1 1 0 9 9 9	303
2950	Total Trihalomethane	2 1 3		0 0 2 4	4	1 1 0 9 9 9	

The maximum contaminate level for Total Trihalomethane is 0.10 mg/l.

Name of Water Treatment Plant serving this distribution system

*Total Trihalomethane is determined by adding together the results of the trichloromethane, bromodichloromethane, chlorodibromomethane, and tribromomethane results.

For all community water systems analyses for total trihalomethanes shall be performed at quarterly intervals on at least four water samples for each treatment plant used by the system. At least 25 percent of the samples shall be taken at locations within the distribution system reflecting the maximum residence time of the water in the system. The remaining 75 percent shall be taken at representative locations in the distribution system, taking into account number of persons served, different sources of water and different treatment methods employed. The results of all analyses per quarter shall be arithmetically averaged and reported to the State within 30 days of the system's receipt of such results.

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PH-2112
WAT 12/81

Tennessee Public Health Department
CHEMICAL ANALYSIS REPORT FORM

Total Trihalomethane

Basin - 4

Public Water Supply Name and Address: Dickson Water Department L5212-03; 206 W Chestnut St; Dickson, TN 37055; County:

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	0 9 (8 9)	1 1 0 4 9 9 (36-41)	D (42)	0 7 4 5 (43-46)

Collected by: John Myatt Location 0 0 1 (33-35) 2975 HWY 48 S
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

Cont. ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Deci. (22)	Analysis Date (27-32)	Analysis By
	Trichloromethane	2 1 3		0 0 1 9	3	1 1 0 9 9 9	303
	Bromodichloromethane	2 1 3		0 0 4 3	4	1 1 0 9 9 9	303
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	1 1 0 9 9 9	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	1 1 0 9 9 9	303
2950	Total Trihalomethane	2 1 3		0 2 5 3	4	1 1 0 9 9 9	

The maximum contaminate level for Total Trihalomethane is 0.10 mg/l.

Name of Water Treatment Plant serving this distribution system

*Total Trihalomethane is determined by adding together the results of the trichloromethane, bromodichloromethane, chlorodibromomethane, and tribromomethane results.

For all community water systems analyses for total trihalomethanes shall be performed at quarterly intervals on at least four water samples for each treatment plant used by the system. At least 25 percent of the samples shall be taken at locations within the distribution system reflecting the maximum residence time of the water in the system. The remaining 75 percent shall be taken at representative locations in the distribution system, taking into account number of persons served, different sources of water and different treatment methods employed. The results of all analyses per quarter shall be arithmetically averaged and reported to the State within 30 days of the system's receipt of such results.

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PH-2112
WAT 12/81

Tennessee Public Health Department
CHEMICAL ANALYSIS REPORT FORM

Total Trihalomethane

Basin - 4

Public Water Supply — Dickson Water Department — L5212-04

Name and Address — 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	0 9 (8–9)	1 1 0 4 9 9 (36–41)	M (42)	0 8 2 5 (43–46)

Collected by: John Myatt — Location: 0 0 1 (33–35) — 555 STEELE RD — Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* — Lab ID: 0 2 0 0 6 (47–51)

Cont. ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Deci. (22)	Analysis Date (27-32)	Analysis By
	Trichloromethane	2 1 3		0 0 1 9	3	1 1 0 9 9 9	303
	Bromodichloromethane	2 1 3		0 0 4 8	4	1 1 0 9 9 9	303
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	1 1 0 9 9 9	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	1 1 0 9 9 9	303
2950	Total Trihalomethane	2 1 3		0 2 5	4	1 1 0 9 9 9	

The maximum contaminate level for Total Trihalomethane is 0.10 mg/l.

Name of Water Treatment Plant serving this distribution system

*Total Trihalomethane is determined by adding together the results of the trichloromethane, bromodichloromethane, chlorodibromomethane, and tribromomethane results.

For all community water systems analyses for total trihalomethanes shall be performed at quarterly intervals on at least four water samples for each treatment plant used by the system. At least 25 percent of the samples shall be taken at locations within the distribution system reflecting the maximum residence time of the water in the system. The remaining 75 percent shall be taken at representative locations in the distribution system, taking into account number of persons served, different sources of water and different treatment methods employed. The results of all analyses per quarter shall be arithmetically averaged and reported to the State within 30 days of the system's receipt of such results.

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
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PH-2112
WAT 12/61

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEA

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
JAN 0 3 2000
Basin - 4
TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION

Unregulated
Volatile Organic Chemicals

Public Water Supply — Dickson Water Department — L6902-04

Name and Address — 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
- C-Check Sample
- D-Regular Distribution
- P-Plant Tap Sample
- R-Raw Water Sample
- S-Special Sample
- E-Composite
- B-Entry Point Sample

PWS ID Number: 0 0 0 0 1 9 1 (1 - 7)

ENTRY POINT: A (8)

SAMPLE DATE (mo day year): 1 2 0 8 9 9 (32 - 37)

SAMPLE TYPE: S (38)

SAMPLE TIME: 0 0 0 0 (43 - 46)

Collected by: Bruce Trotter

Location: 0 0 1 (33 - 35) TRIP BLANK 2

Location

Lab Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43 - 47)

Cont. ID (9 - 12)	Name	Sign (13)	Results (14 - 17)	Decl. (18)	Analysis Date (23 - 28)	MCL mg/l	Analysis By
25	Bromobenzene	<	0005	4	120899	none	303
2943	Bromodichloromethane	<	0005	4	120899	none	303
2942	Bromoform	<	0005	4	120899	none	303
2214	Bromomethane	<	0005	4	120899	none	303
2944	Chlorodibromomethane	<	0005	4	120899	none	303
2216	Chloroethane	<	0005	4	120899	none	303
2941	Chloroform	<	0005	4	120899	none	303
2210	Chloromethane	<	0005	4	120899	none	303
2965	o-Chlorotoluene	<	0005	4	120899	none	303
2966	p-Chlorotoluene	<	0005	4	120899	none	303
2408	Dibromomethane	<	0005	4	120899	none	303
2	m-Dichlorobenzene	<	0005	4	120899	none	303
2978	1,1-Dichloroethane	<	0005	4	120899	none	303
2412	1,3-Dichloropropane	<	0005	4	120899	none	303

Unregulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

C	Name	Sign	Results	Decl.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	120899	303
2410	1,1-Dichloropropene	<	0005	4	120899	303
2413	1,3-Dichloropropene	<	0005	4	120899	303
2986	1,1,1,2-Tetrachloroethane	<	0005	4	120899	303
2988	1,1,2,2-Tetrachloroethane	<	0005	4	120899	303
2414	1,2,3-Trichloropropane	<	0005	4	120899	303

DWS / NPAC

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TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

1-3-00

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
- C-Check Sample
- D-Regular Distribution
- P-Plant Tap Sample
- R-Raw Water Sample
- S-Special Sample
- E-Composite
- B-Entry Point Sample

Public Water Supply Name and Address: Dickson Water Department L6902-02
206 W Chestnut St
Dickson, TN 37055
County:

PWS ID Number: 0 0 0 1 9 1 (1-7)
ENTRY POINT: B (8)
SAMPLE DATE (mo day year): 1 2 0 8 9 9 (32-37)
SAMPLE TYPE: B (38)
SAMPLE TIME: 0 9 0 5 (39-42)

Collected by: Bruce Trotter
Location: 0 0 1 (29-31) ENTRY POINT B
Lab Name: *Environmental Science Corporation*
Lab ID: 0 2 0 0 6 (43-47)

Cont. ID	Name	Sign	Results (mg/l)	Deci.	Analysis Date	MCL mg/l	Analysis by
- 12		13	14 - 17	18	23 - 28		
990	Benzene	<	0005	4	120899	0.005	303
982	Carbon Tetrachloride	<	0005	4	120899	0.005	303
969	Para-Dichlorobenzene	<	0005	4	120899	0.075	303
980	1,2-Dichloroethane	<	0005	4	120899	0.005	303
977	1,1-Dichloroethylene	<	0005	4	120899	0.007	303
981	1,1,1-Trichloroethane	<	0005	4	120899	0.2	303
984	Trichloroethylene	<	0005	4	120899	0.005	303
976	Vinyl Chloride	<	0005	4	120899	0.002	303
378	1,2,4-Trichlorobenzene	<	0005	4	120899	0.07	303
380	cis-1,2-Dichloroethylene	<	0005	4	120899	0.07	303
955	Xylenes - Total	<	0005	4	120899	10.0	303
3(	Dichloromethane	<	0005	4	120899	0.005	303
968	o-Dichlorobenzene	<	0005	4	120899	0.6	303
979	trans-1,2-Dichloroethylene	<	0005	4	120899	0.1	303

L6902-02

Regulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL	Analysis By
9 - 12		13	14 -17	18	23 - 28	mg/l	
2983	1,2-Dichloropropane	<	0005	4	120899	0.005	303
2985	1,1,2-Trichloroethane	<	0005	4	120899	0.005	303
2987	Tetrachloroethylene	<	0005	4	120899	0.005	303
2989	Monochlorobenzene	<	0005	4	120899	0.1	303
2991	Toluene	<	0005	4	120899	1.0	303
2992	Ethylbenzene	<	0005	4	120899	0.7	303
2996	Styrene	<	0005	4	120899	0.1	303

DWS/NGA-C

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
JAN 0 3 2000
TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION
Basin

Unregulated
Volatile Organic Chemicals

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply Name and Address: Dickson Water Department L6902-02
206 W Chestnut St
Dickson, TN 37055
County:

PWS ID Number: 0 0 0 0 1 9 1 (1–7)
ENTRY POINT: B (8)
SAMPLE DATE (mo day year): 1 2 0 8 9 9 (32–37)
SAMPLE TYPE: B (38)
SAMPLE TIME: 0 9 0 5 (43–46)

Collected by: Bruce Trotter Location: 0 0 1 (33–35) ENTRY POINT B
Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43–47)

Cont. ID	Name	Sign	Results	Decl.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
24	Bromobenzene	<	0005	4	120899	none	303
2943	Bromodichloromethane	<	0005	4	120899	none	303
2942	Bromoform	<	0005	4	120899	none	303
2214	Bromomethane	<	0005	4	120899	none	303
2944	Chlorodibromomethane	<	0005	4	120899	none	303
2216	Chloroethane	<	0005	4	120899	none	303
2941	Chloroform	<	0005	4	120899	none	303
2210	Chloromethane	<	0005	4	120899	none	303
2965	o-Chlorotoluene	<	0005	4	120899	none	303
2966	p-Chlorotoluene	<	0005	4	120899	none	303
2408	Dibromomethane	<	0005	4	120899	none	303
2967	m-Dichlorobenzene	<	0005	4	120899	none	303
2978	1,1-Dichloroethane	<	0005	4	120899	none	303
2412	1,3-Dichloropropane	<	0005	4	120899	none	303

Code 9 - 12	Name	Sign 13	Results 14 - 17	Decl. 18	Analysis Date 23 - 28	Analysis By
2416	2,2-Dichloropropane	<	0005	4	120899	303
2410	1,1-Dichloropropene	<	0005	4	120899	303
2413	1,3-Dichloropropene	<	0005	4	120899	303
2986	1,1,1,2-Tetrachloroethane	<	0005	4	120899	303
2988	1,1,2,2-Tetrachloroethane	<	0005	4	120899	303
2414	1,2,3-Trichloropropane	<	0005	4	120899	303

DWS/NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Unregulated
Volatile Organic Chemicals

Public Water Supply: Dickson Water Department L6902-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
- C-Check Sample
- D-Regular Distribution
- P-Plant Tap Sample
- R-Raw Water Sample
- S-Special Sample
- E-Composite
- B-Entry Point Sample

PWS ID Number (1-7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (43-46)
0 0 0 1 9 1	C	1 2 0 8 9 9	B	0 8 5 5

Collected by: Bruce Trotter Location (33-35): 0 0 1 ENTRY POINT C Location

Lab Name: *Environmental Science Corporation* Lab ID (43-47): 0 2 0 0 6

Cont. ID (9-12)	Name	Sign (13)	Results (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
26	Bromobenzene	<	0005	4	120899	none	303
2943	Bromodichloromethane	<	0005	4	120899	none	303
2942	Bromoform	<	0005	4	120899	none	303
2214	Bromomethane	<	0005	4	120899	none	303
2944	Chlorodibromomethane	<	0005	4	120899	none	303
2216	Chloroethane	<	0005	4	120899	none	303
2941	Chloroform	<	0005	4	120899	none	303
2210	Chloromethane	<	0005	4	120899	none	303
2965	o-Chlorotoluene	<	0005	4	120899	none	303
2966	p-Chlorotoluene	<	0005	4	120899	none	303
2408	Dibromomethane	<	0005	4	120899	none	303
29	m-Dichlorobenzene	<	0005	4	120899	none	303
2978	1,1-Dichloroethane	<	0005	4	120899	none	303
2412	1,3-Dichloropropane	<	0005	4	120899	none	303

C	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	120899	303
2410	1,1-Dichloropropene	<	0005	4	120899	303
2413	1,3-Dichloropropene	<	0005	4	120899	303
2986	1,1,1,2-Tetrachloroethane	<	0005	4	120899	303
2988	1,1,2,2-Tetrachloroethane	<	0005	4	120899	303
2414	1,2,3-Trichloropropane	<	0005	4	120899	303

OWS/NEPO

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
JAN 0 3 2000
TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Volatile Organic Chemicals

Basin 4

Public Water Supply Name and Address: Dickson Water Department L6902-01
206 W Chestnut St
Dickson, TN 37055
County:

Sample Type Key
- C-Check Sample
- D-Regular Distribution
- P-Plant Tap Sample
- R-Raw Water Sample
- S-Special Sample
- E-Composite
- B-Entry Point Sample

PWS ID Number: 0 0 0 0 1 9 1 (1 - 7)
ENTRY POINT: C (8)
SAMPLE DATE (mo day year): 1 2 0 8 9 9 (30 - 37)
SAMPLE TYPE: B (38)
SAMPLE TIME: 0 8 5 5 (39 - 42)

Collected by: Bruce Trotter
Location: 0 0 1 (29 - 31) ENTRY POINT C
Location
Lab Name: *Environmental Science Corporation*
Lab ID: 0 2 0 0 6 (43 - 47)

Cont. ID (9)	Name	Sign (13)	Results (mg/l) (14 - 17)	Deci. (18)	Analysis Date (23 - 28)	MCL mg/l	Analysis By
2990	Benzene	<	0005	4	120899	0.005	303
2982	Carbon Tetrachloride	<	0005	4	120899	0.005	303
2969	Para-Dichlorobenzene	<	0005	4	120899	0.075	303
2980	1,2-Dichloroethane	<	0005	4	120899	0.005	303
2977	1,1-Dichloroethylene	<	0005	4	120899	0.007	303
2981	1,1,1-Trichloroethane	<	0005	4	120899	0.2	303
2984	Trichloroethylene	<	0005	4	120899	0.005	303
2976	Vinyl Chloride	<	0005	4	120899	0.002	303
2378	1,2,4-Trichlorobenzene	<	0005	4	120899	0.07	303
2380	cis-1,2-Dichloroethylene	<	0005	4	120899	0.07	303
2955	Xylenes - Total	<	0005	4	120899	10.0	303
2	Dichloromethane	<	0005	4	120899	0.005	303
2968	o-Dichlorobenzene	<	0005	4	120899	0.6	303
2979	trans-1,2-Dichloroethylene	<	0005	4	120899	0.1	303

L6902-01

Regulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	120899	0.005	303
2985	1,1,2-Trichloroethane	<	0005	4	120899	0.005	303
2987	Tetrachloroethylene	<	0005	4	120899	0.005	303
2989	Monochlorobenzene	<	0005	4	120899	0.1	303
2991	Toluene	<	0005	4	120899	1.0	303
2992	Ethylbenzene	<	0005	4	120899	0.7	303
2996	Styrene	<	0005	4	120899	0.1	303

DWS / NCRC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
Basin - 4
MAY 02 2000
CHECK SAMPLE DEPT. OF ENVIRONMENTAL & CONSERVATION

Unregulated
Volatile Organic Chemicals

Sample Type Key:
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department L6902-03

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	A	1 2 0 8 9 9 (32-37)	S (38)	0 0 0 0 (43-46)

Collected by: Bruce Trotter Location: 0 0 1 (33-35) TRIP BLANK 1 Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43-47)

Cont. ID (9-12)	Name	Sign (13)	Results (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
[illegible]	Bromobenzene	<	0005	4	120899	none	303
2943	Bromodichloromethane	<	0005	4	120899	none	303
2942	Bromoform	<	0005	4	120899	none	303
2214	Bromomethane	<	0005	4	120899	none	303
2944	Chlorodibromomethane	<	0005	4	120899	none	303
2216	Chloroethane	<	0005	4	120899	none	303
2941	Chloroform		0022	4	120899	none	303
2210	Chloromethane	<	0005	4	120899	none	303
2965	o-Chlorotoluene	<	0005	4	120899	none	303
2966	p-Chlorotoluene	<	0005	4	120899	none	303
2408	Dibromomethane	<	0005	4	120899	none	303
29[illegible]	m-Dichlorobenzene	<	0005	4	120899	none	303
2978	1,1-Dichloroethane	<	0005	4	120899	none	303
2412	1,3-Dichloropropane	<	0005	4	120899	none	303

Cont.	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 -		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	120899	303
2410	1,1-Dichloropropene	<	0005	4	120899	303
2413	1,3-Dichloropropene	<	0005	4	120899	303
2986	1,1,1,2-Tetrachloroethane	<	0005	4	120899	303
2988	1,1,2,2-Tetrachloroethane	<	0005	4	120899	303
2414	1,2,3-Trichloropropane	<	0005	4	120899	303

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Secondary Standards

OWS/NEAC

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
JAN 03 2000
TENNESSEE DEPT. OF CONSERVATION

Water System: Dickson Water Department L6898-01

Name and Address: 206 W Chestnut St
Dickson, TN 37055
County:

Sample Type Key
D-Distribution
B-Entry Point Sample
S-Special

PWSID: 0 0 0 0 1 9 1 (1–7)
ENTRY POINT: B (8)
SAMPLE DATE: 1 2 0 8 9 9 (32–37)
SAMPLE TYPE: B (38)
SAMPLE TIME: 0 9 0 5 (39–42)

Collected by: Bruce Trotter
Sampling Point: 0 0 1 (29–31)
ENTRY POINT CITYLAKE

Laboratory Name: *Environmental Science Corporation*
Lab ID: 0 2 0 0 6 (43–47)

Analyte ID (9-12)	Name		Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/L**	Analyst
1002	Aluminum		<	0001	1	120999	0.2	420
1017	Chloride	✓		0093	1	120899	250	462
1022	Copper		<	0001	2	120999	1.0	420
1	Fluoride	✓		0025	2	120899	2.0	462
1028	Iron	✓		0021	2	120999	0.3	420
1032	Manganese	✓		0035	2	120999	0.05	420
1050	Silver		<	0002	3	120999	0.1	420
1055	Sulfate		<	0010	0	120899	250	462
1089	MBAS		<	0001	1	120999	0.5	461
1095	Zinc	✓		0014	3	120999	5.0	420
1905	Color			0001	0	120899	15 PCU	485
1920	Odor			0001	0	120899	3 TON	485
1925	pH			0075	1	121099	6.5-8.5 S.U.	On S485
1930	T.D.S.			0150	0	121099	500	452

**unless otherwise noted

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

C 778 (Rev. 6/95)

RDA Pending

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Inorganics

DWS/NEFC

Basin

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED JAN 03 2000 TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

Water System: Dickson Water Department L6898-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
D-Distribution
B-Entry Point Sample
E-Composite
S-Special

PWSID: 0 0 0 0 1 9 1 (1-7)

ENTRY POINT: B (8)

SAMPLE DATE: 1 2 0 8 9 9 (32-37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 0 9 0 5 (39-42)

Collected by: Bruce Trotter

Sampling Point: 0 0 1 (29-31) ENTRY POINT CITYLAKE

Laboratory Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43-47)

Analyte ID (9-12)	Name	Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/l	Suggested MDL mg/l	Analyst
1005	Arsenic	<	0001	3	121399	0.05	0.01	400
1010	Barium		0037	3	120999	2.0	0.1	420
1015	Cadmium	<	0001	3	120999	0.005	0.0001	400
1020	Chromium	<	0002	3	120999	0.1	0.001	420
1024	Cyanide	<	0002	3	121399	0.2	0.02	451
1025	Fluoride		0025	2	120899	4.0	0.2	462
1035	Mercury	<	0002	4	121099	0.002	0.0002	416
1036	Nickel	<	0001	2	120999	0.1	0.001	420
1045	Selenium	<	0001	3	121399	0.05	0.002	480
1052	Sodium		0055	1	120999			420
1074	Antimony - Total	<	0001	3	120999	0.006	0.0008	400
1075	Beryllium - Total	<	0003	4	120999	0.004	0.0002	420
1085	Thallium - Total	<	0001	3	120999	0.002	0.0007	400

Compositing of samples is encouraged, however, laboratories analyzing for the presence of inorganics must achieve a minimum detection limit of less than one-fifth of the MCL when compositing. Analytical reports showing contaminant concentrations at a value less than a number which is greater than the MCL are invalid. For example, if the analysis of a sample for thallium indicates a concentration of < 0.003 mg/L then the results would be invalid for the purpose of determining compliance with the Safe Drinking Water Act. If nitric acid cannot be used in the field as a preservatibe because of safety or shipping restrictions, metal samples may be preserved in the laboratory for 16 hours prior to the analysis.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

DWS / NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
Basin - 4
JAN 0 3 2000
TENN. DEPT. OF ENVIRONMENT & CONSERVATION

Regulated
Volatile Organic Chemicals

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department L6902-03

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	A (8)	1 2 0 8 9 9 (32-37)	S (38)	0 0 0 0 (39-42)

Collected by: Bruce Trotter Location: 0 0 1 (29-31) TRIP BLANK 1

Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43-47)

dichloromethane
toluene

Cont. ID (9-12)	Name	Sign (13)	Results (mg/l) (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
2[illegible]	Benzene	<	0005	4	120899	0.005	303
2982	Carbon Tetrachloride	<	0005	4	120899	0.005	303
2969	Para-Dichlorobenzene	<	0005	4	120899	0.075	303
2980	1,2-Dichloroethane	<	0005	4	120899	0.005	303
2977	1,1-Dichloroethylene	<	0005	4	120899	0.007	303
2981	1,1,1-Trichloroethane	<	0005	4	120899	0.2	303
2984	Trichloroethylene	<	0005	4	120899	0.005	303
2976	Vinyl Chloride	<	0005	4	120899	0.002	303
2378	1,2,4-Trichlorobenzene	<	0005	4	120899	0.07	303
2380	cis-1,2-Dichloroethylene	<	0005	4	120899	0.07	303
2955	Xylenes - Total	<	0005	4	120899	10.0	303
[illegible]	Dichloromethane		0061	5	120899	0.005	303
2968	o-Dichlorobenzene	<	0005	4	120899	0.6	303
2979	trans-1,2-Dichloroethylene	<	0005	4	120899	0.1	303

L6902-03

Regulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

C ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	120899	0.005	303
2985	1,1,2-Trichloroethane	<	0005	4	120899	0.005	303
2987	Tetrachloroethylene	<	0005	4	120899	0.005	303
2989	Monochlorobenzene	<	0005	4	120899	0.1	303
2991	Toluene		0008	4	120899	1.0	303
2992	Ethylbenzene	<	0005	4	120899	0.7	303
2996	Styrene	<	0005	4	120899	0.1	303

DWS/NEAC

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
JAN 0 3 2000
Basin 4
TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Inorganic Chemicals - Nitrate & Nitrite

Public Water Supply: Dickson Water Department L6904-02

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key:
D-Regular Distribution
B-Entry Point Sample
E-Composite
S-Special Sample

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1	B	1 2 0 8 9 9	B	0 9 0 5
1 - 7	8	32 - 37	38	39 - 42

Collected by: Bruce Trotter Location 0 0 1 (29 - 31) ENTRY POINT LAKE Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43 - 47)

Cont. ID	Name	Sign	Results (mg/l)	Decl.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 - 17	18	23 - 28		
10	Nitrate as (N)		0051	2	120899	10.0	462
1041	Nitrite as (N)					1.0	
1038	Nitrate-Nitrite Total					10.0	

The maximum acceptable detection limit for nitrate is 1.0 mg/L. The minimum acceptable detection limit for nitrite is 0.01 mg/L. The maximum holding time for nitrate before analyses is 28 days. The maximum holding time holding time for nitrite is 48 hours.

Compositing of samples is allowed, however, the laboratory conducting the compositing must achieve MDLs that are less than one-fifth of the MCL.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

CN - 1048

DWS/NEPAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
JAN 0 3 2000
Basin
TENN. DEPT OF ENVIRONMENTAL & CONSERVATION

Sample Type Key:
D-Regular Distribution
B-Entry Point Sample
E-Composite
S-Special Sample

Regulated
Inorganic Chemicals - Nitrate & Nitrite

Public Water Supply: Dickson Water Department L6904-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	C (8)	1 2 0 8 9 9 (32-37)	B (38)	0 8 5 5 (39-42)

Collected by: Bruce Trotter Location: 0 0 1 (29-31) ENTRY POINT WELL Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43-47)

Cont. ID (9-12)	Name	Sign (13)	Results (mg/l) (14-17)	Decl. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
0040	Nitrate as (N)		0059	2	120899	10.0	462
1041	Nitrite as (N)					1.0	
1038	Nitrate-Nitrite Total					10.0	

The maximum acceptable detection limit for nitrate is 1.0 mg/L. The minimum acceptable detection limit for nitrite is 0.01 mg/L. The maximum holding time for nitrate before analyses is 28 days. The maximum holding time holding time for nitrite is 48 hours.

Compositing of samples is allowed, however, the laboratory conducting the compositing must achieve MDLs that are less than one-fifth of the MCL.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

CN - 1048

DWS/NEA [illegible] 1-3-00

TN DIVISION ENVIRON. FIELD OFFICE RECEIVED
JAN 0 3 2000
Basin 4
TENNESSEE DEPT. OF ENVIRON. & CONSERVATION

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Inorganic Chemicals - Nitrate & Nitrite

Sample Type Key

D-Regular Distribution
B-Entry Point Sample
E-Composite
S-Special Sample

Public Water Supply Name and Address: Dickson Water Department L6905-01
206 W Chestnut St
Dickson, TN 37055
County:

PWS ID Number (1-7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (39-42)
0000191	A	120899	B	0910

Collected by: Bruce Trotter Location 001 (29-31) ENTRY POINT A Location

Lab Name: *Environmental Science Corporation* Lab ID 02006 (43 - 47)

Cont. ID 9 - 12	Name	Sign 13	Results (mg/l) 14 - 17	Decl. 18	Analysis Date 23 - 28	MCL mg/l	Analysis By
40	Nitrate as (N)		0052	2	120899	10.0	462
1041	Nitrite as (N)					1.0	
1038	Nitrate-Nitrite Total					10.0	

The maximum acceptable detection limit for nitrate is 1.0 mg/L. The minimum acceptable detection limit for nitrite is 0.01 mg/L. The maximum holding time for nitrate before analyses is 28 days. The maximum holding time holding time for nitrite is 48 hours.

Compositing of samples is allowed, however, the laboratory conducting the compositing must achieve MDLs that are less than one-fifth of the MCL.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

CN - 1048

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT DWS/NPDES

Inorganics

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED 3-00

JAN 03 2000

TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION

Basin

Sample Type Key

D-Distribution

B-Entry Point Sample

E-Composite

S-Special

Water System: Dickson Water Department L6898-02

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

PWSID	ENTRY POINT	SAMPLE DATE	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	C (8)	1 2 0 8 9 9 (32–37)	B (38)	0 8 5 5 (39–42)

Collected by: Bruce Trotter

Sampling Point: 0 0 1 (29–31) ENTRY POINT DK21WELL

Laboratory Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43–47)

Analyte ID (9-12)	Name	Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/l	MDL mg/l	Analyst
1005	Arsenic	<	0001	3	120999	0.05	0.01	400
1010	Barium	✓	0021	3	120999	2.0	0.1	420
1015	Cadmium	<	0001	3	120999	0.005	0.0001	400
1020	Chromium	<	0002	3	120999	0.1	0.001	420
1024	Cyanide	<	0002	3	121399	0.2	0.02	451
1025	Fluoride	✓	0022	2	120899	4.0	0.2	462
1035	Mercury	<	0002	4	121099	0.002	0.0002	416
1036	Nickel	<	0001	2	120999	0.1	0.001	420
1045	Selenium	<	0001	3	121399	0.05	0.002	480
1052	Sodium	✓	0015	1	120999			420
1074	Antimony - Total	<	0001	3	120999	0.006	0.0008	400
1075	Beryllium - Total	<	0003	4	120999	0.004	0.0002	420
1085	Thallium - Total	<	0001	3	120999	0.002	0.0007	400

Compositing of samples is encouraged, however, laboratories analyzing for the presence of inorganics must achieve a minimum detection limit of less than one-fifth of the MCL when compositing. Analytical reports showing contaminant concentrations at a value less than a number which is greater than the MCL are invalid. For example, if the analysis of a sample for thallium indicates a concentration of < 0.003 mg/L then the results would be invalid for the purpose of determining compliance with the Safe Drinking Water Act. If nitric acid cannot be used in the field as a preservatibe because of safety or shipping restrictions, metal samples may be preserved in the laboratory for 16 hours prior to the analysis.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Secondary Standards

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED JAN 03 2000 TN DEPT OF ENVIRONMENT & CONSERVATION

Water System: Dickson Water Department L6898-02

and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
D-Distribution
B-Entry Point Sample
S-Special

PWSID: 0 0 0 0 1 9 1 (1-7)

ENTRY POINT: C (8)

SAMPLE DATE: 1 2 0 8 9 9 (32-37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 0 8 5 5 (39-42)

Collected by: Bruce Trotter

Sampling Point: 0 0 1 (29-31) ENTRY POINT DK21WELL

Laboratory Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43-47)

Analyte ID (9-12)	Name	Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/L**	Analyst
1002	Aluminum		0018	2	120999	0.2	420
1017	Chloride		0032	1	120899	250	462
1022	Copper	<	0001	2	120999	1.0	420
1[illegible]	Fluoride		0022	2	120899	2.0	462
1028	Iron		0025	2	120999	0.3	420
1032	Manganese	<	0001	2	120999	0.05	420
1050	Silver	<	0002	3	120999	0.1	420
1055	Sulfate	<	0005	0	120899	250	462
1089	MBAS	<	0001	1	120999	0.5	461
1095	Zinc		0003	2	120999	5.0	420
1905	Color		0001	0	120899	15 PCU	485
1920	Odor		0001	0	120899	3 TON	485
1925	pH		0076	1	121099	6.5-8.5 S.U.	On S485
1930	T.D.S.		0160	0	121099	500	452

**unless otherwise noted

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

[illegible]1778 (Rev. 6/95)

RDA Pending

DWS/NEAC DWS

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED Basin - 4 JAN 0 X 2000 TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

Regulated
Volatile Organic Chemicals

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department L6902-03

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

PWS ID Number: 0 0 0 0 1 9 1 (1 - 7)

ENTRY POINT: A (8)

SAMPLE DATE (mo day year): 1 2 0 8 9 9 (32 -)

SAMPLE TYPE: S (38)

SAMPLE TIME: 0 0 0 0 (39 - 42)

Toluene

Collected by: **Bruce Trotter** Location: 0 0 1 (29 - 31) **TRIP BLANK 1**

Lab Name: ***Environmental Science Corporation*** Lab ID: 0 2 0 0 6 (43 - 47)

Cont. ID (9 - 12)	Name	Sign (13)	Results (mg/l) (14 - 17)	Deci. (18)	Analysis Date (23 - 28)	MCL mg/l	Analysis By
2[illegible]	Benzene	<	0005	4	120899	0.005	303
2982	Carbon Tetrachloride	<	0005	4	120899	0.005	303
2969	Para-Dichlorobenzene	<	0005	4	120899	0.075	303
2980	1,2-Dichloroethane	<	0005	4	120899	0.005	303
2977	1,1-Dichloroethylene	<	0005	4	120899	0.007	303
2981	1,1,1-Trichloroethane	<	0005	4	120899	0.2	303
2984	Trichloroethylene	<	0005	4	120899	0.005	303
2976	Vinyl Chloride	<	0005	4	120899	0.002	303
2378	1,2,4-Trichlorobenzene	<	0005	4	120899	0.07	303
2380	cis-1,2-Dichloroethylene	<	0005	4	120899	0.07	303
2955	Xylenes - Total	<	0005	4	120899	10.0	303
2[illegible]	Dichloromethane		0061	5	120899	0.005	303
2968	o-Dichlorobenzene	<	0005	4	120899	0.6	303
2979	trans-1,2-Dichloroethylene	<	0005	4	120899	0.1	303

ID	Name	Sign	Results	Deci.	Analysis Date	MCL	Analysis By
9 - 12		13	14 -17	18	23 - 28	mg/l	
2983	1,2-Dichloropropane	<	0005	4	120899	0.005	303
2985	1,1,2-Trichloroethane	<	0005	4	120899	0.005	303
2987	Tetrachloroethylene	<	0005	4	120899	0.005	303
2989	Monochlorobenzene	<	0005	4	120899	0.1	303
2991	Toluene		0008	4	120899	1.0	303
2992	Ethylbenzene	<	0005	4	120899	0.7	303
2996	Styrene	<	0005	4	120899	0.1	303

DWS/NPAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED
JAN 0 3 2000
TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION

Regulated
Volatile Organic Chemicals

Basis

Public Water Supply — Dickson Water Department — L6902-04

Name and Address — 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key:
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

PWS ID Number (1-7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (39-42)
0 0 0 0 1 9 1	A	1 2 0 8 9 9	S	0 0 0 0

Collected by: Bruce Trotter — Location (29-31): 0 0 1 — TRIP BLANK 2 — Location

Lab Name: *Environmental Science Corporation* — Lab ID (43-47): 0 2 0 0 6

Cont. ID (9-)	Name	Sign (13)	Results (mg/l) (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
2990	Benzene	<	0005	4	120899	0.005	303
2982	Carbon Tetrachloride	<	0005	4	120899	0.005	303
2969	Para-Dichlorobenzene	<	0005	4	120899	0.075	303
2980	1,2-Dichloroethane	<	0005	4	120899	0.005	303
2977	1,1-Dichloroethylene	<	0005	4	120899	0.007	303
2981	1,1,1-Trichloroethane	<	0005	4	120899	0.2	303
2984	Trichloroethylene	<	0005	4	120899	0.005	303
2976	Vinyl Chloride	<	0005	4	120899	0.002	303
2378	1,2,4-Trichlorobenzene	<	0005	4	120899	0.07	303
2380	cis-1,2-Dichloroethylene	<	0005	4	120899	0.07	303
2955	Xylenes - Total	<	0005	4	120899	10.0	303
2.	Dichloromethane	<	0005	4	120899	0.005	303
2968	o-Dichlorobenzene	<	0005	4	120899	0.6	303
2979	trans-1,2-Dichloroethylene	<	0005	4	120899	0.1	303

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
1 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	120899	0.005	303
2985	1,1,2-Trichloroethane	<	0005	4	120899	0.005	303
2987	Tetrachloroethylene	<	0005	4	120899	0.005	303
2989	Monochlorobenzene	<	0005	4	120899	0.1	303
2991	Toluene	<	0005	4	120899	1.0	303
2992	Ethylbenzene	<	0005	4	120899	0.7	303
2996	Styrene	<	0005	4	120899	0.1	303

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Secondary Standards

DWS / NTBAC

Water System: Dickson Water Department L10448-01

N and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
D-Distribution
B-Entry Point Sample
S-Special

PWSID (1-7)	ENTRY POINT (8)	SAMPLE DATE (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (39-42)
0 0 0 0 1 9 1	A	0 2 0 8 0 0	B	1 1 4 5

Collected by: Bruce Trotter Sampling Point (29-31): 0 0 1 ENTRY POINT

Laboratory Name: *Environmental Science Corporation* Lab ID (43-47): 0 2 0 0 6

Analyte ID (9-12)	Name	Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/L**	Analyst
1002	Aluminum		0017	2	021600	0.2	400
1017	Chloride		0057	1	021200	250	462
1022	Copper	<	0001	2	021600	1.0	400
1.	Fluoride		0001	0	021200	2.0	462
1028	Iron	<	0002	2	021600	0.3	400
1032	Manganese	<	0001	2	021600	0.05	400
1050	Silver	<	0002	3	021600	0.1	400
1055	Sulfate		0058	1	021200	250	462
1089	MBAS	<	0001	1	021000	0.5	461
1095	Zinc	<	0001	2	021600	5.0	400
1905	Color		0001	0	020900	15 PCU	462
1920	Odor		0001	0	020900	3 TON	462
1925	pH		0072	1	020800	6.5-8.5 S.U.	On Site
1930	T.D.S.		0140	0	020900	500	375

**unless otherwise noted

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

( )778 (Rev. 6/95) RDA Pending

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Inorganics

DWS / NFRR 3/14/00

Basin 4

Water System: Dickson Water Department L10448-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key

D-Distribution
B-Entry Point Sample
E-Composite
S-Special

PWSID	ENTRY POINT	SAMPLE DATE	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1	A	0 2 0 8 0 0	B	1 1 4 5

Collected by: Bruce Trotter Sampling Point: 0 0 1 ENTRY POINT

Laboratory Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6

Analyte ID (9-12)	Name	Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/l	Suggested MDL mg/l	Analyst
1005	Arsenic	<	0001	3	021500	0.05	0.01	400
1010	Barium ✓		0019	3	021600	2.0	0.1	400
1015	Cadmium	<	0002	3	021600	0.005	0.0001	400
10[illegible]	Chromium	<	0002	3	021600	0.1	0.001	400
1024	Cyanide	<	0002	3	022100	0.2	0.02	451
1025	Fluoride ✓		0001	0	021200	4.0	0.2	462
1035	Mercury	<	0002	4	021000	0.002	0.0002	418
1036	Nickel	<	0001	2	021600	0.1	0.001	400
1045	Selenium	<	0001	3	021500	0.05	0.002	400
1052	Sodium ✓		0026	1	021700			420
1074	Antimony - Total	<	0001	3	021800	0.006	0.0008	451
1075	Beryllium - Total	<	0003	4	021600	0.004	0.0002	400
1085	Thallium - Total	<	0001	3	021500	0.002	0.0007	400

Compositing of samples is encouraged, however, laboratories analyzing for the presence of inorganics must achieve a minimum detection limit of less than one-fifth of the MCL when compositing. Analytical reports showing contaminant concentrations at a value less than a number which is greater than the MCL are invalid. For example, if the analysis of a sample for thallium indicates a concentration of < 0.003 mg/L then the results would be invalid for the purpose of determining compliance with the Safe Drinking Water Act. If nitric acid cannot be used in the field as a preservatibe because of safety or shipping restrictions, metal samples may be preserved in the laboratory for 16 hours prior to the analysis.

Form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

DWS/NEAC Basin - 4

W System

Name and Address

Dickson Water Department L10500-04

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1	0 9	0 2 0 8 0 0	D	1 1 3 0

Collected by: Gary Suggs Location 0 0 1 2975 HWY 48 SOUTH
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid						
2451	Dichloroacetic Acid						
2[illegible]	Trichloroacetic Acid						
2453	Monobromoacetic Acid						
2454	Dibromoacetic Acid						
2455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 4 9	4	0 2 1 7 0 0	301
	Bromodichloromethane	2 1 3		0 0 2 3	4	0 2 1 7 0 0	301
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	0 2 1 7 0 0	301
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 2 1 7 0 0	301
2950	** Total Trihalomethane	2 1 3		0 0 9 2	4	0 2 1 7 0 0	

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At least 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

For Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

For True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

* Total Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Haloacetic Acids and Total Trihalomethanes

Basin - 4

W System

Name and Address

Dickson Water Department L10500-03

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key

D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1	0 9	0 2 0 8 0 0	D	1 1 0 0

Collected by: Gary Suggs Location 0 0 1 3479 WHY 70 WEST

Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid						
2451	Dichloroacetic Acid						
24	Trichloroacetic Acid						
2453	Monobromoacetic Acid						
2454	Dibromoacetic Acid						
2455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 2 7	4	0 2 1 7 0 0	301
	Bromodichloromethane	2 1 3		0 0 1 5	4	0 2 1 7 0 0	301
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	0 2 1 7 0 0	301
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 2 1 7 0 0	301
2950	** Total Trihalomethane	2 1 3		0 0 6 2	4	0 2 1 7 0 0	

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

For Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

For True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

* Total Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Haloacetic Acids and Total Trihalomethanes

Basin - 4

/ System

lame and Address

Dickson Water Department L10500-02

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key

D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1	0 9	0 2 0 8 0 0	D	1 0 4 5

46

Collected by: Gary Suggs Location 0 0 1 2415 HWY 70 E

Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
450	Monochloroacetic Acid						
451	Dichloroacetic Acid						
45	Trichloroacetic Acid						
453	Monobromoacetic Acid						
454	Dibromoacetic Acid						
455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 1 2	3	0 2 1 7 0 0	301
	Bromodichloromethane	2 1 3		0 0 3 2	4	0 2 1 7 0 0	301
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	0 2 1 7 0 0	301
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 2 1 7 0 0	301
50	** Total Trihalomethane	2 1 3		0 1 7 2	4	0 2 1 7 0 0	

Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

*al ic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

urn form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

777 (Rev. 8/99) RDA 2410

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

System Name and Address

Dickson Water Department L10500-01
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1	0 9	0 2 0 8 0 0	M	1 0 2 5

Collected by: Gary Suggs Location 0 0 1 555 STEELE RD
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
450	Monochloroacetic Acid						
451	Dichloroacetic Acid						
4!	Trichloroacetic Acid						
453	Monobromoacetic Acid						
454	Dibromoacetic Acid						
455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 0 5	3	0 2 1 7 0 0	301
	Bromodichloromethane	2 1 3		0 0 2 4	4	0 2 1 7 0 0	301
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	0 2 1 7 0 0	301
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 2 1 7 0 0	301
950	** Total Trihalomethanes	2 1 3		0 0 9 4	4	0 2 1 7 0 0	

Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

*tic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

*tal Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED MAR 02 2000 TENNESSEE DEPT. OF ENVIRONMENT

turn form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Haloacetic Acids and Total Trihalomethanes

Basin - 4

ystem

ame and Address

Dickson Water Department L10512-04

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

WS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1	0 9	0 2 0 8 0 0	D	1 1 3 0

ollected by: Gary Suggs Location 0 0 1 2975 HWY 48 SOUTH

Entry Point to Distribution System

ab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6

alyte ID (9-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
50	Monochloroacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
51	Dichloroacetic Acid			0 0 0 6	3	0 2 1 5 0 0	390
5	Trichloroacetic Acid			0 0 0 5	3	0 2 1 5 0 0	390
53	Monobromoacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
54	Dibromoacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
55	* Total Haloacetic Acids			0 0 1 7	3	0 2 1 5 0 0	
	Trichloromethane	2 1 3					
	Bromodichloromethane	2 1 3					
	Dibromochloromethane	2 1 3					
	Tribromomethane	2 1 3					
50	** Total Trihalomethane	2 1 3					

Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

True Ground Water systems serving less than 10,000
sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

ic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

al Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

urn form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Haloacetic Acids and Total Trihalomethanes

Basin - 4

V System

lame and Address

Dickson Water Department L10512-03

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1	0 9	0 2 0 8 0 0	D	1 1 0 0

Collected by: Gary Suggs Location 0 0 1 3479 HWY 70 WEST
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6

nalyte ID (0-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
450	Monochloroacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
451	Dichloroacetic Acid			0 0 0 2	3	0 2 1 5 0 0	390
4!	Trichloroacetic Acid			0 0 0 3	3	0 2 1 5 0 0	390
453	Monobromoacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
454	Dibromoacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
455	* Total Haloacetic Acids			0 0 1 1	3	0 2 1 5 0 0	
	Trichloromethane	2 1 3					
	Bromodichloromethane	2 1 3					
	Dibromochloromethane	2 1 3					
	Tribromomethane	2 1 3					
950	** Total Trihalomethane	2 1 3					

Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

*ta ...tic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

*tal Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

*turn form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

*0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

V System

Name and Address

Dickson Water Department L10512-02

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1	0 9	0 2 0 8 0 0	D	1 0 4 5

Collected by: Gary Suggs Location 0 0 1 2415 HWY 70 EAST
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6

Analyte ID (0-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
450	Monochloroacetic Acid		<	0002	3	021500	390
451	Dichloroacetic Acid			0012	3	021500	390
452	Trichloroacetic Acid			0011	3	021500	390
453	Monobromoacetic Acid		<	0002	3	021500	390
454	Dibromoacetic Acid		<	0002	3	021500	390
455	* Total Haloacetic Acids			0002	3	021500	
	Monochloromethane	213					
	Bromodichloromethane	213					
	Dibromochloromethane	213					
	Tribromomethane	213					
950	** Total Trihalomethane	213					

Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

*al ic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

/ System

lame and Address

Dickson Water Department L10512-01

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1	0 9	0 2 0 8 0 0	M	1 0 2 5

Collected by: Gary Suggs Location 0 0 1 55 STEELE RD
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
450	Monochloroacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
451	Dichloroacetic Acid			0 0 0 6	3	0 2 1 5 0 0	390
452	Trichloroacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
453	Monobromoacetic Acid		<	0 0 0 2	3	0 2 1 5 0 0	390
454	Dibromoacetic Acid			0 0 0 2	3	0 2 1 5 0 0	390
455	* Total Haloacetic Acids			0 0 1 4	3	0 2 1 5 0 0	
	Trichloromethane	2 1 3					
	Bromodichloromethane	2 1 3					
	Dibromochloromethane	2 1 3					
	Tribromomethane	2 1 3					
950	** Total Trihalomethanes	2 1 3					

* Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

Total Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

LKB 6/27
DWS / NEAC

Unregulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department L15821-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

PWS ID Number: 0 0 0 1 9 1 (1-7)

ENTRY POINT: A (8)

SAMPLE DATE: mo day year: 0 5 0 1 0 0 (32-37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 1 0 2 0 (43-46)

Collected by: Bruce Trotter Location: 0 0 1 (33-35) ENTRY POINT A City Lake Source Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43-47)

Cont. ID (1-12)	Name	Sign (13)	Results (14-17)	Decl. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
9.	Bromobenzene	<	0005	4	050500	none	303
943	Bromodichloromethane		0045	4	050500	none	303
942	Bromoform	<	0005	4	050500	none	303
214	Bromomethane	<	0005	4	050500	none	303
944	Chlorodibromomethane	<	0005	4	050500	none	303
216	Chloroethane	<	0005	4	050500	none	303
941	Chloroform		0091	4	050500	none	303
210	Chloromethane	<	0005	4	050500	none	303
965	o-Chlorotoluene	<	0005	4	050500	none	303
966	p-Chlorotoluene	<	0005	4	050500	none	303
208	Dibromomethane	<	0005	4	050500	none	303
967	m-Dichlorobenzene	<	0005	4	050500	none	303
978	1,1-Dichloroethane	<	0005	4	050500	none	303
212	1,3-Dichloropropane	<	0005	4	050500	none	303

Cont.	Name	Sign	Results	Deci.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	050500	303
2410	1,1-Dichloropropene	<	0005	4	050500	303
2413	1,3-Dichloropropene	<	0005	4	050500	303
2986	1,1,1,2-Tetrachloroethane	<	0005	4	050500	303
2988	1,1,2,2-Tetrachloroethane	<	0005	4	050500	303
2414	1,2,3-Trichloropropane	<	0005	4	050500	303

LAB 6/27

DWS / NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
- C-Check Sample
- D-Regular Distribution
- P-Plant Tap Sample
- R-Raw Water Sample
- S-Special Sample
- E-Composite
- B-Entry Point Sample

Public Water Supply: Dickson Water Department L15821-01

Name and Address: 206 W Chestnut St
Dickson, TN 37055
County: Dickson

PWS ID Number (1-7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (39-42)
0 0 0 0 1 9 1	A	0 5 0 1 0 0	B	1 0 2 0

Collected by: Bruce Trotter Location (29-31): 0 0 1 ENTRY POINT A City Lake source Location

Lab Name: *Environmental Science Corporation* Lab ID (43-47): 0 2 0 0 6

Cont. ID (9-12)	Name	Sign (13)	Results (mg/l) (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
2[illegible]	Benzene	<	0005	4	050500	0.005	303
2982	Carbon Tetrachloride	<	0005	4	050500	0.005	303
2969	Para-Dichlorobenzene	<	0005	4	050500	0.075	303
2980	1,2-Dichloroethane	<	0005	4	050500	0.005	303
2977	1,1-Dichloroethylene	<	0005	4	050500	0.007	303
2981	1,1,1-Trichloroethane	<	0005	4	050500	0.2	303
2984	Trichloroethylene	<	0005	4	050500	0.005	303
2976	Vinyl Chloride	<	0005	4	050500	0.002	303
2378	1,2,4-Trichlorobenzene	<	0005	4	050500	0.07	303
2380	cis-1,2-Dichloroethylene	<	0005	4	050500	0.07	303
2955	Xylenes - Total	<	0005	4	050500	10.0	303
2[illegible]	Dichloromethane	<	0005	4	050500	0.005	303
2968	o-Dichlorobenzene	<	0005	4	050500	0.6	303
2979	trans-1,2-Dichloroethylene	<	0005	4	050500	0.1	303

L15821-01

Regulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	050500	0.005	303
2985	1,1,2-Trichloroethane	<	0005	4	050500	0.005	303
2987	Tetrachloroethylene	<	0005	4	050500	0.005	303
2989	Monochlorobenzene	<	0005	4	050500	0.1	303
2991	Toluene	<	0005	4	050500	1.0	303
2992	Ethylbenzene	<	0005	4	050500	0.7	303
2996	Styrene	<	0005	4	050500	0.1	303

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Inorganics

DWS/NBAC

Basin 4

5/23/00

Name of System: Dickson Water Department L15806-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key

D-Distribution
B-Entry Point Sample
E-Composite
S-Special

PWSID: 0 0 0 0 1 9 1 (1–7)

ENTRY POINT: A (8)

SAMPLE ~~DATE~~: 0 5 0 1 0 0 (32–37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 1 0 2 0 (39–42)

Collected by: Bruce Trotter

Sampling Point: 0 0 1 (29–31) ENTRY POINT A City Lake Source

Laboratory Name: *Environmental Science Corporation*

Lab ID: 0 2 0 0 6 (43–47)

Analyte ID (9-12)	Name	Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/l	MDL mg/l	Suggested Analyst
1005	Arsenic	<	0005	3	050200	0.05	0.01	420
1010	Barium		0029	3	050300	2.0	0.1	420
1015	Cadmium	<	0002	3	050300	0.005	0.0001	420
1020	Chromium	<	0002	3	050300	0.1	0.001	420
1024	Cyanide	<	0002	3	050300	0.2	0.02	451
1025	Fluoride		0097	2	050200	4.0	0.2	462
1035	Mercury	<	0002	4	050300	0.002	0.0002	418
1036	Nickel	<	0001	2	050300	0.1	0.001	420
1045	Selenium	<	0005	3	050200	0.05	0.002	420
1052	Sodium		0076	1	050300			420
1074	Antimony - Total	<	0025	4	050200	0.006	0.0008	420
1075	Beryllium - Total	<	0003	4	050300	0.004	0.0002	420
1085	Thallium - Total	<	0001	3	050200	0.002	0.0007	420

Compositing of samples is encouraged, however, laboratories analyzing for the presence of inorganics must achieve a minimum detection limit of less than one-fifth of the MCL when compositing. Analytical reports showing contaminant concentrations at a value less than a number which is greater than the MCL are invalid. For example, if the analysis of a sample for thallium indicates a concentration of < 0.003 mg/L then the results would be invalid for the purpose of determining compliance with the Safe Drinking Water Act. If nitric acid cannot be used in the field as a preservatibe because of safety or shipping restrictions, metal samples may be preserved in the laboratory for 16 hours prior to the analysis.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Regulated Organic Chemicals DWS/NEAC

DAS 6/16/05

Basin - 4

Va' ystem: Dickson Water Department L17550-01

lame and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
- D-Regular Distribution
- B-Entry Point Sample
- E-Composite
- S-Special

PWSID	ENTRY POINT	SAMPLE DATE	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1 (1-7)	A (8)	0 5 3 0 0 0 (32-37)	B (38)	0 8 5 5 (39-42)

collected by: Bruce Trotter Sampling Point: 0 0 1 (29-31) ENTRY POINT A City Lake Source

aboratory Name: *Environmental Science Corp* Lab ID: 0 2 0 0 6 (43-47)

nalyte ID 1-12	Name	Sign 13	Results 14-17	Decimal 18	Analysis Date 23-28	MCL mg/l	MDL mg/l	Analyst
005	Endrin					.002	<.0004	
010	Lindane					.0002	<.00004	
015	Methoxychlor					.04	<.008	
020	Toxaphene					.003	<.0008	
031	Dalapon					.2	<.04	
032	Diquat					.02	<.004	
033	Endothall					.1	<.02	
034	Glyphosate					.7	<.14	
035	Di(2-ethylhexyl)adipate					.4	<.08	
036	Oxamyl (Vydate)					.2	<.04	
037	Simazine					.004	<.0008	
039	Di(2-ethylhexyl)phthalate					.006	<.0012	
040	Picloram					.5	<.1	
041	Dinoseb					.007	<.0014	
042	Hexachlorocylcopentadiene					.05	<.01	
04_	Carbofuran					.04	<.0014	
050	Atrazine	<	0 0 0 1	4	0 6 0 1 0 0	.003	<.0006	315

CN - 0782 (Rev. 6/95) (continued on reverse) RDA Pending

Analysis Results for Regulated Organic Chemicals

Sample # L17550-01

Environmental Science Corp

Analyte ID	Name	Sign	Results	Decimal	Analysis Date	MCL	MDL	Analyst
1-17		13	14-17	18	23-28	mg/l	mg/l	
051	Alachlor (Lasso)	<	0002	4	060100	.002	<.0004	315
063	Dioxin					3 E-8	<6E-9	
065	Heptachlor					.0004	<.00008	
067	Heptachlor epoxide					.0002	<.00004	
105	2,4-D					.07	<.014	
110	2,4,5-TP (Silvex)					.05	<.01	
274	Hexachlorobenzene					.001	<.0002	
306	Benzo(a)pyrene					.0002	<.00004	
326	Pentachlorphenol					.001	<.0002	
383	PCBs					.0005	<.0001	
931	DBCP					.0002	<.00004	
946	EDB					.00005	<.00001	
95	Chlordane					.002	<.0004	

Laboratories must be able to achieve the minimum detection limit (MDL) listed above. Any concentration reported at or above the MDL will be considered a detection requiring follow-up sampling within 14 days. Any result showing a concentration less than any value greater than the MDL or MCL is not acceptable for demonstrating compliance with the Safe Drinking Water Regulations. For example, if the concentration for chlordane is <0.0005 mg/L, the result is invalid.

Compositing of samples is encouraged, however, the laboratory conducting the compositing must achieve MDLs that are less than one-fifth of the MCL.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

Tennessee Department of Health and Environment
REPORT ON CHEMICAL ANALYSIS
GROSS ALPHA & BETA

7/5/00

Basin -4

Public Water Supply: Dickson Water Department L17551-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Radiological Composite

Sample.

Composite Sample ☐ Single Sample ☒

PWS ID Number (1-7)	TRANSACTION CODE (8-9)	SAMPLE DATE month day year (36-41)	SAMPLE TYPE (42)	SAMPLE TIME (43-46)
0 0 0 0 1 9 1	0 9	0 5 3 0 0 0	D	0 9 0 5

Collected by: Bruce Trotter Location (33-35) 0 0 1 ENTRY POINT B
Street and House Number

Lab Name: Teledyne Isotopes via *Environmental Science Co.* Lab ID (47) 0 4 9 0 1

ANALYSIS RESULTS

Cont. ID (10-13)	Cont. Name	Analysis Method (14-16)	Sign (17) +/-	Results (18-21) pCi/l	Decimal (22)	Precision (23-26)	Analysis Date (27-32)	Analyst
4000	Gross Alpha	4 0 1	-	0 0 8 1	2		0 6 1 0 0 0	C. Ferguson
4001	Gross Alpha 2 Sigma	4 0 1		0 0 1 4	1		0 6 1 0 0 0	C. Ferguson
4100	Gross Beta	4 0 1						
4101	Gross Beta 2 Sigma	4 0 1						-

*4000 + 4001 must not exceed 5

1. The responsible administrator for a water source must be completely familiar with the Amended Chapter 1200-5-1 of the Rules of Tennessee Department of Public Health-Bureau of Environmental Health Services-Division of Water Quality Control.

In particular if contaminant 4000 + 4001 is 5 see Rule 1200-4-1-(4)(a)(2) and (4)(d) and if purveyor serves more than 100,000 persons and utilizes a surface supply see Rule 1200-5-1(5)(a)(1) and (5)(e).

PH-2122
WAT 6/84

In particular if contaminant 4000 + is 5 see Rule 1200-5-1-(4)(a)(2) and (4)(d) and if purveyor serves more than 100,000 persons and

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION. DBS 7/5/00

CHEMICAL ANALYSIS REPORT

Regulated Organic Chemicals DBS/IN EPIC

Basin - 4

System: Dickson Water Department L18544-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
D-Regular Distribution
B-Entry Point Sample
E-Composite
S-Special

PWSID (1-7)	ENTRY POINT (8)	SAMPLE DATE (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (39-42)
0 0 0 0 1 9 1	A	0 6 1 3 0 0	B	1 0 4 5

Collected by: Bruce Trotter Sampling Point (29-31) 0 0 1 ENTRY POINT Piney River

Laboratory Name: *Environmental Science Corp* Lab ID (43-47) 0 2 0 0 6

Analyte ID (9-12)	Name	Sign (13)	Results (14-17)	Decimal (18)	Analysis Date (23-28)	MCL mg/l	MDL mg/l	Analyst
2005	Endrin					.002	<.0004	
2010	Lindane					.0002	<.00004	
2[illegible]	Methoxychlor					.04	<.008	
2020	Toxaphene					.003	<.0006	
2031	Dalapon					.2	<.04	
2032	Diquat					.02	<.004	
2033	Endothall					.1	<.02	
2034	Glyphosate					.7	<.14	
2035	Di(2-ethylhexyl)adipate					.4	<.08	
2036	Oxamyl (Vydate)					.2	<.04	
2037	Simazine					.004	<.0008	
2039	Di(2-ethylhexyl)phthalate					.006	<.0012	
2040	Picloram					.5	<.1	
2041	Dinoseb					.007	<.0014	
2042	Hexachlorocyclopentadiene					.05	<.01	
2046	Carbofuran					.04	<.0014	
2050	Atrazine	<	0 0 0 1	4	0 6 1 5 0 0	.003	<.0006	315

CN - 0782 (Rev. 6/95)

(continued on reverse)

RDA Reading

Analysis Results for Regulated Organic Chemicals

Sample # L18544-01

Environmental Science Corp

Analyte ID	Name	Sign 13	Results 14-17	Decimal 18	Analysis Date 23-28	MCL mg/l	MDL mg/l	Analyst
2051	Alachlor (Lasso)	<	0002	4	061500	.002	<.0004	315
2063	Dioxin					3 E-8	<6E-9	
2065	Heptachlor					.0004	<.00008	
2067	Heptachlor epoxide					.0002	<.00004	
2105	2,4-D					.07	<.014	
2110	2,4,5-TP (Silvex)					.05	<.01	
2274	Hexachlorobenzene					.001	<.0002	
2306	Benzo(a)pyrene					.0002	<.00004	
2326	Pentachlorphenol					.001	<.0002	
2383	PCBs					.0005	<.0001	
2931	DBCP					.0002	<.00004	
	EDB					.00005	<.00001	
2959	Chlordane					.002	<.0004	

Laboratories must be able to achieve the minimum detection limit (MDL) listed above. Any concentration reported at or above the MDL will be considered a detection requiring follow-up sampling within 14 days. Any result showing a concentration less than any value greater than the MDL or MCL is not acceptable for demonstrating compliance with the Safe Drinking Water Regulations. For example, if the concentration for chlordane is <0.0005 mg/L, the result is invalid.

Compositing of samples is encouraged, however, the laboratory conducting the compositing must achieve MDLs that are less than one-fifth of the MCL.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

PWS/NBAC

Tennessee Department of Health and Environment
REPORT ON CHEMICAL ANALYSIS
GROSS ALPHA & BETA

DDS 7/18/00

Basin 4

ublic Water Supply Dickson Water Department L18510-01

Name and Address 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Radiological Composite

Sample

Composite Sample ☐ Single Sample ☒

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1–7)	0 9 (8–9)	0 6 1 3 0 0 (36–41)	D (42)	1 0 5 5 (43–46)

Collected by: Bruce Trotter Location 0 0 1 (33–35) ENTRY POINT A City Lake
Street and House Number

Lab Name: Teledyne Isotopes via *Environmental Science Co.* Lab ID 0 4 9 0 1 (47)

ANALYSIS RESULTS

Cont. ID (10-13)	Cont. Name	Analysis Method (14-16)	Sign (17) +/-	Results (18-21) pCi/l	Decimal (22)	Precision (23-26)	Analysis Date (27-32)	Analyst
4000	Gross Alpha	4 0 1		0 0 4 8	2		0 6 1 3 0 0	C. Ferguson
4001	Gross Alpha 2 Sigma	4 0 1		0 0 1 2	1		0 6 1 3 0 0	C. Ferguson
4100	Gross Beta	4 0 1						
4101	Gross Beta 2 Sigma	4 0 1						

*4000 + 4001 must not exceed 5

1. The responsible administrator for a water source must be completely familiar with the Amended Chapter 1200-5-1 of the Rules of Tennessee Department of Public Health-Bureau of Environmental Health Services-Division of Water Quality Control.

In particular if contaminant 4000 + 4001 is 5 see Rule 1200-4-1-(4)(a)(2) and (4)(d) and if purveyor serves more than 100,000 persons and utilizes a surface supply see Rule 1200-5-1(5)(a)(1) and (5)(e).

In particular if contaminant 4000 + is 5 see Rule 1200-5-1-(4)(a)(2) and (4)(d) and if purveyor serves more than 100,000 persons and

PH-2122
WAT 6/84

NASHVILLE ENVIRONMENTAL
FIELD OFFICE
RECEIVED
JUL 18 2000
TENNESSEE DEPT. OF
ENVIRONMENTAL & CONSERVATION

DOS 7/5/00

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

DWS/NEAC

Basin - 4

Water System Name and Address: Dickson Water Department L18563-01
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number (1-7)	TRANSACTION CODE (8-9)	SAMPLE DATE month day year (36-41)	SAMPLE TYPE (42)	SAMPLE TIME (43-46)
0 0 0 0 1 9 1	0 9	0 6 1 3 0 0	D	0 9 1 0

Collected by: Bruce Trotter Location 0 0 1 (33-35) 2415 HWY 70 E Entry Point to Distribution System

Lab Name: Environmental Science Corporation Lab ID 0 2 0 0 6 (47-51)

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid						
2451	Dichloroacetic Acid						
2452	Trichloroacetic Acid						
2453	Monobromoacetic Acid						
2454	Dibromoacetic Acid						
2455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 2 1	3	0 6 1 6 0 0	303
	Bromodichloromethane	2 1 3		0 0 5 9	4	0 6 1 6 0 0	303
	Dibromochloromethane	2 1 3		0 0 1 7	4	0 6 1 6 0 0	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 6 1 6 0 0	303
2950	** Total Trihalomethane	2 1 3		0 2 9 6	4	0 6 1 6 0 0	

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.
For Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.
For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations represensing maximum residence time.
For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.
For True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

* Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane, bromochlormethane, chlorodibromomethane and tribromomethane results.

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED JUN 30 2000 TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin : 4

er System

Name and Address

Dickson Water Department L18563-02

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	0 9 (8-9)	0 6 1 3 0 0 (36-41)	D (42)	0 9 2 0 (43-46)

Collected by: Bruce Trotter Location 0 0 1 (33-35) 3479 HWY 70 W

Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid						
2451	Dichloroacetic Acid						
	Trichloroacetic Acid						
2453	Monobromoacetic Acid						
2454	Dibromoacetic Acid						
2455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 7 8	4	0 6 1 6 0 0	303
	Bromodichloromethane	2 1 3		0 0 4 2	4	0 6 1 6 0 0	303
	Dibromochloromethane	2 1 3		0 0 1 7	4	0 6 1 6 0 0	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 6 1 6 0 0	303
2950	** Total Trihalomethane	2 1 3		0 1 4 7	4	0 6 1 6 0 0	

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

For Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

For True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

NASHVILLE ENV... FIELD OFF... JUN 30 2000 TENNESSEE DE... ENVIRONMENTAL & C...

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

V System

Name and Address

Dickson Water Department L18563-03

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1	0 9	0 6 1 3 0 0	D	0 9 4 5
1 7	8 9	36 41	42	43 46

Collected by: Bruce Trotter Location 0 0 1 (33 35) 2975 HWY 48 S
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47 51)

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid						
2451	Dichloroacetic Acid						
2	Trichloroacetic Acid						
2453	Monobromoacetic Acid						
2454	Dibromoacetic Acid						
2455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 1 4	3	0 6 1 6 0 0	303
	Bromodichloromethane	2 1 3		0 0 5 2	4	0 6 1 6 0 0	303
	Dibromochloromethane	2 1 3		0 0 1 7	4	0 6 1 6 0 0	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 6 1 6 0 0	303
2950	** Total Trihalomethane	2 1 3		0 2 1 9	4	0 6 1 6 0 0	

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

For Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

For True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

* Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochlormethane, chlorodibromomethane and tribromomethane results.

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED JUN 2 9 2000 TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

r System

Name and Address

Dickson Water Department L18563-04

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	0 9 (8-9)	0 6 1 3 0 0 (36-41)	M (42)	0 8 4 0 (43-46)

Collected by: Bruce Trotter Location 0 0 1 (33-35) 555 STEELE RD
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid						
2451	Dichloroacetic Acid						
	Trichloroacetic Acid						
2453	Monobromoacetic Acid						
2454	Dibromoacetic Acid						
2455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 1 2	3	0 6 1 6 0 0	303
	Bromodichloromethane	2 1 3		0 0 4 8	4	0 6 1 6 0 0	303
	Dibromochloromethane	2 1 3		0 0 1 7	4	0 6 1 6 0 0	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 6 1 6 0 0	303
2950	** Total Trihalomethane	2 1 3		0 1 9 5	4	0 6 1 6 0 0	

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

For Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.

For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

For True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

* Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED JUN 30 2000 TENNESSEE DEPT OF ENVIRONMENTAL & CONSERVATION

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Haloacetic Acids and Total Trihalomethanes

Basin - 4

W' System

Name and Address: Dickson Water Department L18562-04

206 W Chestnut St

Dickson, TN 37055

County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	0 9 (8 9)	0 6 1 3 0 0 (36-41)	M (42)	0 8 4 0 (43-46)

Collected by: Bruce Trotter Location 0 0 1 (33-35) 555 STEELE RD

Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid		<	0002	3	061500	315
2451	Dichloroacetic Acid			0037	3	061500	315
2	Trichloroacetic Acid			0067	3	061500	315
2453	Monobromoacetic Acid		<	0002	3	061500	315
2454	Dibromoacetic Acid		<	0002	3	061500	315
2455	* Total Haloacetic Acids			0011	2	061500	
	Trichloromethane	213					
	Bromodichloromethane	213					
	Dibromochloromethane	213					
	Tribromomethane	213					
2950	** Total Trihalomethane	213					

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

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For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

For True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

* Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

W[illegible] System

Name and Address: Dickson Water Department L18562-03
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	0 9 (8-9)	0 6 1 3 0 0 (36-41)	D (42)	0 9 4 5 (43-46)

Collected by: Bruce Trotter Location 0 0 1 (33-35) 975 48 S
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid		<	0 0 0 2	3	0 6 1 5 0 0	315
2451	Dichloroacetic Acid			0 0 2 9	3	0 6 1 5 0 0	315
[illegible]	Trichloroacetic Acid			0 0 4 7	3	0 6 1 5 0 0	315
2453	Monobromoacetic Acid		<	0 0 0 2	3	0 6 1 5 0 0	315
2454	Dibromoacetic Acid		<	0 0 0 2	3	0 6 1 5 0 0	315
2455	* Total Haloacetic Acids			0 0 8 2	3	0 6 1 5 0 0	
	Trichloromethane	2 1 3					
	Bromodichloromethane	2 1 3					
	Dibromochloromethane	2 1 3					
	Tribromomethane	2 1 3					
2950	** Total Trihalomethane	2 1 3					

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

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One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

For True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

* [illegible]loacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

[illegible] ENVIRONMENTAL
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JUN 20 2000
TENNESSEE DEPT. OF
ENVIRONMENTAL CONSERVATION
RDA 2410

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99)

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

Water System Name and Address

Dickson Water Department L18562-02
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number (1-7)	TRANSACTION CODE (8-9)	SAMPLE DATE month day year (36-41)	SAMPLE TYPE (42)	SAMPLE TIME (43-46)
0 0 0 0 1 9 1	0 9	0 6 1 3 0 0	D	0 9 2 0

Collected by: Bruce Trotter Location (33-35): 0 0 1 — 3479 HWY 70 W
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID (47-51): 0 2 0 0 6

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid		<	0 0 0 2	3	0 6 1 5 0 0	315
2451	Dichloroacetic Acid			0 0 2 4	3	0 6 1 5 0 0	315
2452	Trichloroacetic Acid			0 0 4 2	3	0 6 1 5 0 0	315
2453	Monobromoacetic Acid			0 0 0 5	3	0 6 1 5 0 0	315
2454	Dibromoacetic Acid		<	0 0 0 2	3	0 6 1 5 0 0	315
2455	* Total Haloacetic Acids			0 0 7 5	3	0 6 1 5 0 0	
	Trichloromethane	2 1 3					
	Bromodichloromethane	2 1 3					
	Dibromochloromethane	2 1 3					
	Tribromomethane	2 1 3					
2950	** Total Trihalomethane	2 1 3					

For Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.

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For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

For True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.

For True Ground Water systems serving less than 10,000
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* Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99)

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED JUN 30 2000 TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

RDA 2410

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

System Name and Address

Dickson Water Department L18562-01
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

PWS ID Number (1-7)	TRANSACTION CODE (8-9)	SAMPLE DATE month day year (36-41)	SAMPLE TYPE (42)	SAMPLE TIME (43-46)
0 0 0 0 1 9 1	0 9	0 6 1 3 0 0	D	0 9 1 0

Collected by: Bruce Trotter Location 0 0 1 (33-35) 415 HWY 70 E
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

Analyte ID (10-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
2450	Monochloroacetic Acid		<	0002	3	061500	315
2451	Dichloroacetic Acid			0023	3	061500	315
	Trichloroacetic Acid			0037	3	061500	315
2453	Monobromoacetic Acid			0006	3	061500	315
2454	Dibromoacetic Acid		<	0002	3	061500	315
2455	Total Haloacetic Acids			0007	2	061500	
	Trichloromethane	213					
	Bromodichloromethane	213					
	Dibromochloromethane	213					
	Tribromomethane	213					
2950	** Total Trihalomethane	213					

For Surface and GWUDI systems serving at least 10,000
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For Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.
For Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.
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One sample per quarter per treatment plant at locations representing the maximum residence time.
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** Total Trihalomethane is determined by adding together the results of the trichloromethane,bromochlormethane, chlorodibromomethane and tribromomethane results.

NASHVILLE ENVIRONMENTAL FIELD OFFICE RECEIVED JUN 30 2000 TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

CN-0777 (Rev. 8/99) RDA 2410

TDEC /DWS/ L&C
MISC.

STATE OF TENNESSEE

ENVIRONMENTAL LABORATORIES

JACKSON LABORATORY
295 SUMMAR AVENUE
JACKSON, TN 38302-0849
PH: (901)423-6600

NASHVILLE LABORATORY
630 HART LANE
NASHVILLE, TN 37247-0801
PH: (615)262-6300

KNOXVILLE LABORATORY
1522 CHEROKEE TRAIL
KNOXVILLE, TN 37920
PH: (423)549-5201

SENT TO: **NEAC - S**
711 R.S.
NASHVIL
AL MAJC
ALAN SP
(615)68

INFO

Louis - These are the [illegible] sample results from the 10/9/00 site visit. No TCE was found in any well or spring. 18 parts per billion Methyl Ethyl Ketone was found in the city well - DK21 - I understand there may be a health advisory for MEK with a 2,000 ppb limit. Please let me know from the DWS perspective if this is true & what potential health effects there may be. I will need this by Monday a.m. Chuck

This is to certify that the following results were determined using good laboratory practices and in accordance with federal or state approved methodologies.

Analytical Supervisor

Definition of Data Qualifiers

U- Analyte requested but not detected
J- Estimated value--result is less than sample quantitation limit but greater than zero
B- Analyte in blank as well as sample
E- Analyte concentration exceeds the calibration range of instrument
N- Uncertainty in result other than "J" flag
X,Y,Z- Other flags used to define results as needed
Q- Received out of holding time

Printed: October 11, 2000

Project/Site No.:
Project Name: DICKSON CO. WELLS
Site Description: TRIP BLANKS
Station No.:
Collected: By
County:

Lab Number: 0010062-01A
Matrix: WATER
Received: 10/10/00 10:30:00 By GAM
Sampling Agency: SWM_95_NFO
Priority: 10_12_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:		Lab Number:	0010062-02A
Project Name:	DICKSON CO. WELLS	Matrix:	WATER
Site Description:	R. DONEGAN WELL	Received:	10/10/00 10:30:00 By GAM
Station No.:	A-2	Sampling Agency:	SWM_95_NPO
Collected:	10/09/00 14:15:00 By AS	Priority:	10_12_00
County:	22		

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:
Project Name: DICKSON CO. WELLS
Site Description: R. BUCHANAN WELL
Station No.: A-1
Collected: 10/09/00 16:40:00 By AS
County: 22

Lab Number: 0010062-03A
Matrix: WATER
Received: 10/10/00 10:30:00 By GAM
Sampling Agency: SWM_95_NFO
Priority: 10_12_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:		Lab Number:	0010062-04A
Project Name:	DICKSON CO. WELLS	Matrix:	WATER
Site Description:	TYSON SPRING	Received:	10/10/00 10:30:00 By GAM
ation No.:	A-2 SP	Sampling Agency:	SWM_95_NFO
ollected:	10/09/00 12:10:00 By AS	Priority:	10_12_00
County:	22		

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:
Project Name: DICKSON CO. WELLS
Site Description: JON ARMSTRONG WELL
`tation No.: A-4
.ollected: 10/09/00 15:15:00 By AS
County: 22

Lab Number: 0010062-05A
Matrix: WATER
Received: 10/10/00 10:30:00 By GAM
Sampling Agency: SWM_95_NFO
Priority: 10_12_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:		Lab Number:	0010062-06A
Project Name:	DICKSON CO. WELLS	Matrix:	WATER
Site Description:	L. PRUIT WELL	Received:	10/10/00 10:30:00 By GAM
Station No.:	A-5	Sampling Agency:	SWM_95_NFO
Collected:	10/09/00 16:10:00 By AS	Priority:	10_I2_00
County:	22		

TEST		RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS							8260A
ACETONE	U		PPB	5.0	10/10/00	JWB	
BENZENE	U		PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U		PPB	0.50	10/10/00	JWB	
BROMOFORM	U		PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U		PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U		PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U		PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U		PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U		PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U		PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U		PPB	1.0	10/10/00	JWB	
CHLOROFORM	U		PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U		PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U		PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U		PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U		PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U		PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U		PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U		PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U		PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U		PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U		PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U		PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U		PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U		PPB	5.0	10/10/00	JWB	
STYRENE	U		PPB	0.50	10/10/00	JWB	
2-HEXANONE	U		PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U		PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U		PPB	0.50	10/10/00	JWB	
TOLUENE	U		PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U		PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U		PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U		PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U		PPB	1.0	10/10/00	JWB	
o-XYLENE	U		PPB	0.50	10/10/00	JWB	
m & p XYLENE	U		PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:
Project Name: DICKSON CO. WELLS
Site Description: RANDY BUCHANAN WELL
ation No.: A-6
ollected: 10/09/00 16:15:00 By AS
County: 22

Lab Number: 0010062-07A
Matrix: WATER
Received: 10/10/00 10:30:00 By GAM
Sampling Agency: SWM_95_NFO
Priority: 10_12_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:
Project Name: DICKSON CO. WELLS
Site Description: P. EVANS WELL
`tation No.:
>llected: 10/09/00 10:45:00 By JLF
County: 22

Lab Number: 0010062-08A
Matrix: WATER
Received: 10/10/00 10:30:00 By GAM
Sampling Agency: SWM_95_NFO
Priority: 10_12_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:
Project Name: DICKSON CO. WELLS
Site Description: G. DONEGAN WELL
ation No.:
Collected: 10/09/00 11:02:00 By JLF
County: 22

Lab Number: 0010062-09A
Matrix: WATER
Received: 10/10/00 10:30:00 By GAM
Sampling Agency: SWM_95_NPO
Priority: 10_12_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	12	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

ALSO CONFIRMED BY GC/MS: TETRAHYDROFURAN.

Project/Site No.:		Lab Number:	0010062-10A
Project Name:	DICKSON CO. WELLS	Matrix:	WATER
'te Description:	R. DOZIER WELL	Received:	10/10/00 10:30:00 By GAM
.ation No.:		Sampling Agency:	SWM_95_NFO
Collected:	10/09/00 14:45:00 By JLF	Priority:	10_12_00
County:	22		

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	U	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Project/Site No.:
Project Name: DICKSON CO. WELLS
Site Description: CITY OF DICKSON WELL
Location No.: DK-21
Collected: 10/09/00 14:00:00 By JLF
County: 22

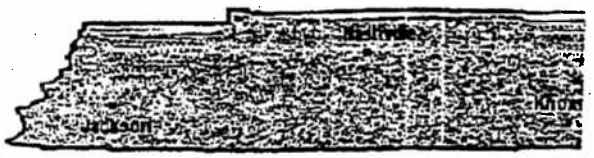
Lab Number: 0010062-11A
Matrix: WATER
Received: 10/10/00 10:30:00 By GAM
Sampling Agency: SWM_95_NFO
Priority: 10_12_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-TAL WATERS						8260A
ACETONE	U	PPB	5.0	10/10/00	JWB	
BENZENE	U	PPB	0.50	10/10/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
BROMOFORM	U	PPB	0.50	10/10/00	JWB	
BROMOMETHANE	U	PPB	1.0	10/10/00	JWB	
2-BUTANONE (MEK)	13	PPB	5.0	10/10/00	JWB	
CARBON DISULFIDE	U	PPB	1.0	10/10/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.50	10/10/00	JWB	
VINYL ACETATE	U	PPB	1.0	10/10/00	JWB	
CHLOROBENZENE	U	PPB	0.50	10/10/00	JWB	
CHLOROETHANE	U	PPB	1.0	10/10/00	JWB	
CHLOROFORM	U	PPB	0.50	10/10/00	JWB	
CHLOROMETHANE	U	PPB	1.0	10/10/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.50	10/10/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.50	10/10/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/10/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.50	10/10/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/10/00	JWB	
STYRENE	U	PPB	0.50	10/10/00	JWB	
2-HEXANONE	U	PPB	1.0	10/10/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TETRACHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
TOLUENE	U	PPB	0.50	10/10/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.50	10/10/00	JWB	
TRICHLOROETHENE	U	PPB	0.50	10/10/00	JWB	
VINYL CHLORIDE	U	PPB	1.0	10/10/00	JWB	
o-XYLENE	U	PPB	0.50	10/10/00	JWB	
m & p XYLENE	U	PPB	0.50	10/10/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 11, 2000

Louis,
Thanks for all your help.
Al Myers



STATE OF TENN
ENVIRONMENTAL LABO

JACKSON LABORATORY
295 SUMMAR AVENUE
JACKSON, TN 38302-0849
PH: (901)423-6600

NASHVILLE LABORATORY
630 HART LANE
NASHVILLE, TN 37247-081
PH: (615)262-6300

SENT TO: **WATER SUPPLY/NASHVILLE EAC**
711 R.S. GASS BLVD
NASHVILLE, TN 37243-1550

DAVID SIZEMORE
(615)-687-7031

Lab ID: 0010071
Sampling Agency: DWS_12_NFO

Billing Code: 327.39-12

This is to certify that the following results were determined using good laboratory practices and in accordance with federal or state approved methodologies.

Analytical Supervisor

Definition of Data Qualifiers

U- Analyte requested but not detected
J- Estimated value--result is less than sample quantitation limit but greater than zero
B- Analyte in blank as well as sample
E- Analyte concentration exceeds the calibration range of instrument
N- Uncertainty in result other than "J" flag
X,Y,Z- Other flags used to define results as needed
Q- Received out of holding time

Printed: October 12, 2000

Project/Site No.:
Project Name: DICKSON - TCE
Site Description: TRIP BLANKS
Station No.:
Collected: 10/06/00 09:15:00 By JWB
County:

Lab Number: 0010071-01A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-SDWA WATERS						524.2
BENZENE	U	PPB	0.50	10/12/00	JWB	
BROMOBENZENE	U	PPB	0.10	10/12/00	JWB	
BROMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
BROMODICHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
BROMOFORM	U	PPB	0.10	10/12/00	JWB	
BROMOMETHANE	U	PPB	0.50	10/12/00	JWB	
n-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
sec-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
tert-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
CHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
CHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
CHLOROFORM	0.2	PPB	0.10	10/12/00	JWB	
CHLOROMETHANE	U	PPB	0.50	10/12/00	JWB	
2-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
4-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
DIBROMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
DIBROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,4-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
DICHLORODIFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
2,2-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROPROPENE	U	PPB	0.50	10/12/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
ISOPROPYLBENZENE	U	PPB	1.0	10/12/00	JWB	
4-ISOPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.10	10/12/00	JWB	
N-PROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
STYRENE	U	PPB	0.50	10/12/00	JWB	
1,1,1,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TETRACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TOLUENE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,2,4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,2,4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
1,3,5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
VINYL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
o-XYLENE	U	PPB	0.50	10/12/00	JWB	
m & p XYLENE	U	PPB	0.50	10/12/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 12, 2000

Project/Site No.:
Project Name: DICKSON - TCE
Site Description: 125 ROBINSON ROAD
Station No.:
Collected: 10/10/00 11:23:00 By DS
County: 22

Lab Number: 0010071-02A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-SDWA WATERS						524.2
BENZENE	U	PPB	0.50	10/11/00	JWB	
BROMOBENZENE	U	PPB	0.10	10/11/00	JWB	
BROMOCHLOROMETHANE	U	PPB	0.10	10/11/00	JWB	
BROMODICHLOROMETHANE	4.8	PPB	0.10	10/11/00	JWB	
BROMOFORM	U	PPB	0.10	10/11/00	JWB	
BROMOMETHANE	U	PPB	0.50	10/11/00	JWB	
n-BUTYLBENZENE	U	PPB	1.0	10/11/00	JWB	
sec-BUTYLBENZENE	U	PPB	1.0	10/11/00	JWB	
tert-BUTYLBENZENE	U	PPB	1.0	10/11/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.10	10/11/00	JWB	
CHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
CHLOROETHANE	U	PPB	0.50	10/11/00	JWB	
CHLOROFORM	19	PPB	0.10	10/11/00	JWB	
CHLOROMETHANE	U	PPB	0.50	10/11/00	JWB	
2-CHLOROTOLUENE	U	PPB	0.50	10/11/00	JWB	
4-CHLOROTOLUENE	U	PPB	0.50	10/11/00	JWB	
DIBROMOCHLOROMETHANE	1.6	PPB	0.10	10/11/00	JWB	
DIBROMOMETHANE	U	PPB	0.10	10/11/00	JWB	
1,2-DICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
1,3-DICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
1,4-DICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
DICHLORODIFLUOROMETHANE	U	PPB	0.50	10/11/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.10	10/11/00	JWB	
1,3-DICHLOROPROPANE	U	PPB	0.50	10/11/00	JWB	
2,2-DICHLOROPROPANE	U	PPB	0.50	10/11/00	JWB	
1,1-DICHLOROPROPENE	U	PPB	0.50	10/11/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/11/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/11/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/11/00	JWB	
ISOPROPYLBENZENE	U	PPB	1.0	10/11/00	JWB	
4-ISOPROPYLTOLUENE	U	PPB	1.0	10/11/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.10	10/11/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/11/00	JWB	
N-PROPYLBENZENE	U	PPB	0.50	10/11/00	JWB	
STYRENE	U	PPB	0.50	10/11/00	JWB	
1,1,1,2-TETRACHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
TETRACHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
TOLUENE	U	PPB	0.50	10/11/00	JWB	
1,2,3-TRICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
1,2,4-TRICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
TRICHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
TRICHLOROFLUOROMETHANE	U	PPB	0.50	10/11/00	JWB	
1,2,3-TRICHLOROPROPANE	U	PPB	0.50	10/11/00	JWB	
1,2,4-TRIMETHYLBENZENE	U	PPB	0.50	10/11/00	JWB	
1,3,5-TRIMETHYLBENZENE	U	PPB	0.50	10/11/00	JWB	
VINYL CHLORIDE	U	PPB	0.50	10/11/00	JWB	
o-XYLENE	U	PPB	0.50	10/11/00	JWB	
m & p XYLENE	U	PPB	0.50	10/11/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Project/Site No.:
Project Name: DICKSON - TCE
Site Description: 171 W. PINEY ROAD
Location No.:
Collected: 10/10/00 11:43:00 By DS
County: 22

Lab Number: 0010071-03A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-SDWA WATERS						524.2
BENZENE	U	PPB	0.50	10/12/00	JWB	
BROMOBENZENE	U	PPB	0.10	10/12/00	JWB	
BROMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
BROMODICHLOROMETHANE	2.7	PPB	0.10	10/12/00	JWB	
BROMOFORM	U	PPB	0.10	10/12/00	JWB	
BROMOMETHANE	U	PPB	0.50	10/12/00	JWB	
n-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
sec-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
tert-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
CHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
CHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
CHLOROFORM	6.1	PPB	0.10	10/12/00	JWB	
CHLOROMETHANE	U	PPB	0.50	10/12/00	JWB	
2-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
4-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
DIBROMOCHLOROMETHANE	1.0	PPB	0.10	10/12/00	JWB	
DIBROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,4-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
DICHLORODIFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
2,2-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROPROPENE	U	PPB	0.50	10/12/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
ISOPROPYLBENZENE	U	PPB	1.0	10/12/00	JWB	
4-ISOPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.10	10/12/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/12/00	JWB	
N-PROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
STYRENE	U	PPB	0.50	10/12/00	JWB	
1,1,1,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TETRACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TOLUENE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,2,4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,2,4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
1,3,5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
VINYL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
o-XYLENE	U	PPB	0.50	10/12/00	JWB	
m & p XYLENE	U	PPB	0.50	10/12/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 12, 2000

Project/Site No.:
Project Name: DICKSON - TCE
Site Description: 168 MT. SAMAI RD.
Station No.:
Collected: 10/10/00 11:55:00 By DS
County: 22

Lab Number: 0010071-04A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-SDWA WATERS						524.2
BENZENE	U	PPB	0.50	10/12/00	JWB	
BROMOBENZENE	U	PPB	0.10	10/12/00	JWB	
BROMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
BROMODICHLOROMETHANE	3.5	PPB	0.10	10/12/00	JWB	
BROMOFORM	U	PPB	0.10	10/12/00	JWB	
BROMOMETHANE	U	PPB	0.50	10/12/00	JWB	
n-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
sec-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
tert-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
CHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
CHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
CHLOROFORM	11	PPB	0.10	10/12/00	JWB	
CHLOROMETHANE	U	PPB	0.50	10/12/00	JWB	
2-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
4-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
DIBROMOCHLOROMETHANE	1.0	PPB	0.10	10/12/00	JWB	
DIBROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,4-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
DICHLORODIFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
2,2-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROPROPENE	U	PPB	0.50	10/12/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
ISOPROPYLBENZENE	U	PPB	1.0	10/12/00	JWB	
4-ISOPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.10	10/12/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/12/00	JWB	
N-PROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
STYRENE	U	PPB	0.50	10/12/00	JWB	
1,1,1,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TETRACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TOLUENE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,2,4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,2,4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
1,3,5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
VINYL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
o-XYLENE	U	PPB	0.50	10/12/00	JWB	
m & p XYLENE	U	PPB	0.50	10/12/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 12, 2000

Project/Site No.:		Lab Number:	0010071-05A
Project Name:	DICKSON - TCE	Matrix:	WATER
Site Description:	PHILLIPS 66	Received:	10/10/00 14:50:00 By LJB
Station No.:		Sampling Agency:	DWS_12_NFO
Collected:	10/10/00 12:15:00 By DS	Priority:	10_13_00
County:	22		

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-SDWA WATERS						524.2
BENZENE	U	PPB	0.50	10/12/00	JWB	
BROMOBENZENE	U	PPB	0.10	10/12/00	JWB	
BROMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
BROMODICHLOROMETHANE	4.8	PPB	0.10	10/12/00	JWB	
BROMOFORM	U	PPB	0.10	10/12/00	JWB	
BROMOMETHANE	U	PPB	0.50	10/12/00	JWB	
n-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
sec-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
tert-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
CHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
CHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
CHLOROFORM	18	PPB	0.10	10/12/00	JWB	
CHLOROMETHANE	U	PPB	0.50	10/12/00	JWB	
2-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
4-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
DIBROMOCHLOROMETHANE	1.7	PPB	0.10	10/12/00	JWB	
DIBROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,4-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
DICHLORODIFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
2,2-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROPROPENE	U	PPB	0.50	10/12/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
ISOPROPYLBENZENE	U	PPB	1.0	10/12/00	JWB	
4-ISOPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.10	10/12/00	JWB	
4-METHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/12/00	JWB	
N-PROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
STYRENE	U	PPB	0.50	10/12/00	JWB	
1,1,1,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TETRACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TOLUENE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,2,4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,2,4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
1,3,5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
VINYL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
o-XYLENE	U	PPB	0.50	10/12/00	JWB	
m & p XYLENE	U	PPB	0.50	10/12/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 12, 2000

Project/Site No.:
Project Name: DICKSON - TCE
Site Description: JASON CHAPEL CHURCH
tation No.:
ollected: 10/10/00 12:30:00 By DS
County: 22

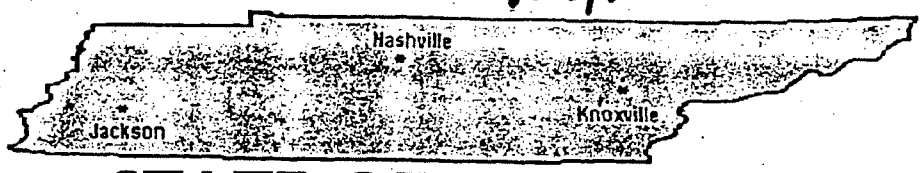
Lab Number: 0010071-06A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
VOLATILES-SDWA WATERS						524.2
BENZENE	U	PPB	0.50	10/12/00	JWB	
BROMOBENZENE	U	PPB	0.10	10/12/00	JWB	
BROMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
BROMODICHLOROMETHANE	4.8	PPB	0.10	10/12/00	JWB	
BROMOFORM	U	PPB	0.10	10/12/00	JWB	
BROMOMETHANE	U	PPB	0.50	10/12/00	JWB	
n-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
sec-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
tert-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
CARBON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
CHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
CHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
CHLOROFORM	14	PPB	0.10	10/12/00	JWB	
CHLOROMETHANE	U	PPB	0.50	10/12/00	JWB	
2-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
4-CHLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
DIBROMOCHLOROMETHANE	1.5	PPB	0.10	10/12/00	JWB	
DIBROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,4-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
DICHLORODIFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
CIS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
1,3-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
2,2-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,1-DICHLOROPROPENE	U	PPB	0.50	10/12/00	JWB	
CIS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
TRANS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
ETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
ISOPROPYLBENZENE	U	PPB	1.0	10/12/00	JWB	
4-ISOPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
METHYLENE CHLORIDE	U	PPB	0.10	10/12/00	JWB	
N-PROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
STYRENE	U	PPB	0.50	10/12/00	JWB	
1,1,1,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TETRACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TOLUENE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,2,4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1,1,1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
1,1,2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
TRICHLOROFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
1,2,3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
1,2,4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
1,3,5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
VINYL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
o-XYLENE	U	PPB	0.50	10/12/00	JWB	
m & p XYLENE	U	PPB	0.50	10/12/00	JWB	

*-Water, uG/L; Sediment, uG/kG

Printed: October 12, 2000

DWS/NBAC DWS LAB 12/18 #191



STATE OF TENNESSEE

ENVIRONMENTAL LABORATORIES

JACKSON LABORATORY
295 SUMMAR AVENUE
JACKSON, TN 38302-0849
PH: (901)423-6600

NASHVILLE LABORATORY
630 HART LANE
NASHVILLE, TN 37247-0801
PH: (615)262-6300

KNOXVILLE LABORATORY
1522 CHEROKEE TRAIL
KNOXVILLE, TN 37920
PH: (423)549-5201

SENT TO: **WATER SUPPLY/NASHVILLE EAC**
711 R.S. GASS BLVD
NASHVILLE, TN 37243-1550

DAVID SIZEMORE
(615)-687-7031

Lab ID: 0010071
Sampling Agency: DWS_12_NFO

Billing Code: 327.39-12

This is to certify that the following results were determined using good laboratory practices and in accordance with federal or state approved methodologies.

Analytical Supervisor

Definition of Data Qualifiers

Analyte requested but not detected
Estimated value--result is less than sample quantitation limit but greater than zero
Analyte in blank as well as sample
Analyte concentration exceeds the calibration range of instrument
Uncertainty in result other than "J" flag
Y,Z- Other flags used to define results as needed
eived out of holding time

Printed: October 12, 2000

)ject/Site No.:
)ject Name: DICKSON - TCE
:e Description: TRIP BLANKS
:tion No.:
.lected: 10/06/00 09:15:00 By JWB

Lab Number: 0010071-01A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
LATILES-SDWA WATERS						524.2
NZENE	U	PPB	0.50	10/12/00	JWB	
OMOBENZENE	U	PPB	0.10	10/12/00	JWB	
OMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
OMODICHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
OMOFORM	U	PPB	0.10	10/12/00	JWB	
OMOMETHANE	U	PPB	0.50	10/12/00	JWB	
BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
RBON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
LOROBENZENE	U	PPB	0.10	10/12/00	JWB	
LOROETHANE	U	PPB	0.50	10/12/00	JWB	
LOROFORM	0.2	PPB	0.10	10/12/00	JWB	
LOROMETHANE	U	PPB	0.50	10/12/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
BROMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
BROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
CHLORODIFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
ANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
-1 OROPROPENE	U	PPB	0.50	10/12/00	JWB	
-1 CHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
ANS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
HYLBENZENE	U	PPB	0.50	10/12/00	JWB	
OPROPYLBENZENE	U	PPB	1.0	10/12/00	JWB	
SOPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
THYLENE CHLORIDE	U	PPB	0.10	10/12/00	JWB	
ROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
RENE	U	PPB	0.50	10/12/00	JWB	
,1,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TRACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
LUENE	U	PPB	0.50	10/12/00	JWB	
,3-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
,4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
,1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
,2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
CHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
CHLOROFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
,3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
,4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
,5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
YL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
YLENE	U	PPB	0.50	10/12/00	JWB	
& p XYLENE	U	PPB	0.50	10/12/00	JWB	

ater, uG/L; Sediment, uG/kG

Printed: October 12, 2000

ject/Site No.:
ject Name: DICKSON - TCE
e Description: 225 ROBINSON ROAD
tion No.:
lected: 10/10/00 11:23:00 By DS
n 22

Lab Number: 0010071-02A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NPO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
ATILES-SDWA WATERS						524.2
NZENE	U	PPB	0.50	10/11/00	JWB	
OMOBENZENE	U	PPB	0.10	10/11/00	JWB	
OMOCHLOROMETHANE	U	PPB	0.10	10/11/00	JWB	
OMODICHLOROMETHANE	U	PPB	0.10	10/11/00	JWB	
OMOFORM	U	PPB	0.10	10/11/00	JWB	
OMOMETHANE	U	PPB	0.50	10/11/00	JWB	
UTYLBENZENE	U	PPB	1.0	10/11/00	JWB	
-BUTYLBENZENE	U	PPB	1.0	10/11/00	JWB	
-BUTYLBENZENE	U	PPB	1.0	10/11/00	JWB	
RBON TETRACHLORIDE	U	PPB	0.10	10/11/00	JWB	
LOROBENZENE	U	PPB	0.10	10/11/00	JWB	
LOROETHANE	U	PPB	0.50	10/11/00	JWB	
LOROFORM	U	PPB	0.10	10/11/00	JWB	
LOROMETHANE	U	PPB	0.50	10/11/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/11/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/11/00	JWB	
ROMOCHLOROMETHANE	U	PPB	0.10	10/11/00	JWB	
ROMOMETHANE	U	PPB	0.10	10/11/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
HLORODIFLUOROMETHANE	U	PPB	0.50	10/11/00	JWB	
-DICHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
-DICHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
-DICHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
-1,2-DICHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
NS-1,2-DICHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
-DICHLOROPROPANE	U	PPB	0.10	10/11/00	JWB	
-DICHLOROPROPANE	U	PPB	0.50	10/11/00	JWB	
-DICHLOROPROPANE	U	PPB	0.50	10/11/00	JWB	
-D OROPROPENE	U	PPB	0.50	10/11/00	JWB	
-1 HLOROPROPENE	U	PPB	0.10	10/11/00	JWB	
NS ,3-DICHLOROPROPENE	U	PPB	0.10	10/11/00	JWB	
YLBENZENE	U	PPB	0.50	10/11/00	JWB	
PROPYLBENZENE	U	PPB	1.0	10/11/00	JWB	
OPROPYLTOLUENE	U	PPB	1.0	10/11/00	JWB	
THYLENE CHLORIDE	U	PPB	0.10	10/11/00	JWB	
ETHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/11/00	JWB	
ROPYLBENZENE	U	PPB	0.50	10/11/00	JWB	
RENE	U	PPB	0.50	10/11/00	JWB	
1,2-TETRACHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
2,2-TETRACHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
RACHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
UENE	U	PPB	0.50	10/11/00	JWB	
3-TRICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
4-TRICHLOROBENZENE	U	PPB	0.10	10/11/00	JWB	
1-TRICHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
2-TRICHLOROETHANE	U	PPB	0.10	10/11/00	JWB	
CHLOROETHENE	U	PPB	0.10	10/11/00	JWB	
CHLOROFLUOROMETHANE	U	PPB	0.50	10/11/00	JWB	
3-TRICHLOROPROPANE	U	PPB	0.50	10/11/00	JWB	
4-TRIMETHYLBENZENE	U	PPB	0.50	10/11/00	JWB	
5-TRIMETHYLBENZENE	U	PPB	0.50	10/11/00	JWB	
YL CHLORIDE	U	PPB	0.50	10/11/00	JWB	
LENE	U	PPB	0.50	10/11/00	JWB	
p XYLENE	U	PPB	0.50	10/11/00	JWB	

ject/Site No.:
ject Name: DICKSON ~~PCE~~
e Description: ~~171~~ W. PINEY ROAD
tion No.:
lected: 10/10/00 11:43:00 By DS
n: 22

Lab Number: 0010071-03A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
LATILES-SDWA WATERS						524.2
NZENE	U	PPB	0.50	10/12/00	JWB	
OMOBENZENE	U	PPB	0.10	10/12/00	JWB	
OMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
OMODICHLOROMETHANE	2.7	PPB	0.10	10/12/00	JWB	
OMOFORM	U	PPB	0.10	10/12/00	JWB	
OMOMETHANE	U	PPB	0.50	10/12/00	JWB	
UTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
t-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
RBON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
LOROBENZENE	U	PPB	0.10	10/12/00	JWB	
LOROETHANE	U	PPB	0.50	10/12/00	JWB	
LOROFORM	6.1	PPB	0.10	10/12/00	JWB	
LOROMETHANE	U	PPB	0.50	10/12/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
ROMOCHLOROMETHANE	1.0	PPB	0.10	10/12/00	JWB	
ROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
HLORODIFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
NS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
-DI[illegible]OROPROPENE	U	PPB	0.50	10/12/00	JWB	
-1 [illegible]HLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
N[illegible]-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
YLBENZENE	U	PPB	0.50	10/12/00	JWB	
PROPYLBENZENE	U	PPB	1.0	10/12/00	JWB	
OPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
THYLENE CHLORIDE	U	PPS	0.10	10/12/00	JWB	
ETHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/12/00	JWB	
ROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
RENE	U	PPB	0.50	10/12/00	JWB	
1,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
RACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
UENE	U	PPB	0.50	10/12/00	JWB	
3-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
HLOROETHENE	U	PPB	0.10	10/12/00	JWB	
HLOROFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
YL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
LENE	U	PPB	0.50	10/12/00	JWB	
p XYLENE	U	PPB	0.50	10/12/00	JWB	

ter, uG/L; Sediment, uG/kG

Printed: October 12, 2000

ject/Site No.:
ject Name: DICKSON - TCE
e Description: 160 MTL SANAI RD.
tion No.:
lected: 10/10/00 11:55:00 By DS
n 22

Lab Number: J010071-04A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
LATILES-SDWA WATERS						524.2
NZENE	U	PPB	0.50	10/12/00	JWB	
OMOBENZENE	U	PPB	0.10	10/12/00	JWB	
OMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
OMODICHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
OMOFORM	3.5	PPB	0.10	10/12/00	JWB	
OMOMETHANE	U	PPB	0.10	10/12/00	JWB	
BUTYLBENZENE	U	PPB	0.50	10/12/00	JWB	
-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
t-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
RBON TETRACHLORIDE	U	PPB	1.0	10/12/00	JWB	
LOROBENZENE	U	PPB	0.10	10/12/00	JWB	
LOROETHANE	U	PPB	0.10	10/12/00	JWB	
LOROFORM	1.7	PPB	0.50	10/12/00	JWB	
LOROMETHANE	U	PPB	0.10	10/12/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
BROMOCHLOROMETHANE	1.0	PPB	0.50	10/12/00	JWB	
BROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
HLORODIFLUOROMETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
ANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
-D' OROPROPENE	U	PPB	0.50	10/12/00	JWB	
-I HLOROPROPENE	U	PPB	0.50	10/12/00	JWB	
AN ,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
HYLBENZENE	U	PPB	0.10	10/12/00	JWB	
PROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
SOPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
THYLENE CHLORIDE	U	PPB	1.0	10/12/00	JWB	
IETHYL-2-PENTANONE (MIBK)	U	PPB	0.10	10/12/00	JWB	
PROPYLBENZENE	U	PPB	5.0	10/12/00	JWB	
TRENE	U	PPB	0.50	10/12/00	JWB	
,1,2-TETRACHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TRACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
LUENE	U	PPB	0.10	10/12/00	JWB	
,3-TRICHLOROBENZENE	U	PPB	0.50	10/12/00	JWB	
,4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
,1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
,2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
CHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
CHLOROFLUOROMETHANE	U	PPB	0.10	10/12/00	JWB	
,3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
,4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
,5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
YL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
YLENE	U	PPB	0.50	10/12/00	JWB	
p XYLENE	U	PPB	0.50	10/12/00	JWB	

ter, uG/L; Sediment, uG/kG

Printed: October 12, 2000

ect/Site No.:
ect Name: DICKSON - TCE
Description: PHILLIPS 66
ion No.:
ected: ~~10/10/00~~ 12:15:00 By DS
t 22

Lab Number: 010071-05A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
ATILES-SDWA WATERS						524.2
ZENE	U	PPB	0.50	10/12/00	JWB	
OMOBENZENE	U	PPB	0.10	10/12/00	JWB	
OMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
OMODICHLOROMETHANE	4.8	PPB	0.10	10/12/00	JWB	
OMOFORM	U	PPB	0.10	10/12/00	JWB	
OMOMETHANE	U	PPB	0.50	10/12/00	JWB	
ITYLBENZENE	U	PPB	1.0	10/12/00	JWB	
BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
BON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
OROBENZENE	U	PPB	0.10	10/12/00	JWB	
OROETHANE	U	PPB	0.50	10/12/00	JWB	
OROFORM	16	PPB	0.10	10/12/00	JWB	
OROMETHANE	U	PPB	0.50	10/12/00	JWB	
LOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
LOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
ROMOCHLOROMETHANE	1.7	PPB	0.10	10/12/00	JWB	
ROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
LORODIFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
NS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
DI ROPROPENE	U	PPB	0.50	10/12/00	JWB	
LOROPROPENE	U	PPB	0.10	10/12/00	JWB	
NS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
YLBENZENE	U	PPB	0.50	10/12/00	JWB	
ROPYLBENZENE	U	PPB	1.0	10/12/00	JWB	
OPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
HYLENE CHLORIDE	U	PPB	0.10	10/12/00	JWB	
ETHYL-2-PENTANONE (MIBK)	U	PPB	5.0	10/12/00	JWB	
OPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
ENE	U	PPB	0.50	10/12/00	JWB	
1,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
ACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
UENE	U	PPB	0.50	10/12/00	JWB	
3-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
HLOROETHENE	U	PPB	0.10	10/12/00	JWB	
HLOROFLUOROMETHANE	U	PPB	0.50	10/12/00	JWB	
3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
L CHLORIDE	U	PPB	0.50	10/12/00	JWB	
LENE	U	PPB	0.50	10/12/00	JWB	
p XYLENE	U	PPB	0.50	10/12/00	JWB	

ject/Site No.:
ject Name: DICKSON - TCE
e Description: JASON CHAPEL CHURCH
tion No.:
le-ted: 10/10/00 12:30:00 By DS
n 22

Lab Number: 0010071-06A
Matrix: WATER
Received: 10/10/00 14:50:00 By LJB
Sampling Agency: DWS_12_NFO
Priority: 10_13_00

TEST	RESULT	*UNITS	LIMIT	ANALYZED	BY	METHOD
LATILES-SDWA WATERS						S24.2
NZENE	U	PPB	0.50	10/12/00	JWB	
OMOBENZENE	U	PPB	0.10	10/12/00	JWB	
OMOCHLOROMETHANE	U	PPB	0.10	10/12/00	JWB	
OMODICHLOROMETHANE	4.6	PPB	0.10	10/12/00	JWB	
OMOFORM	U	PPB	0.10	10/12/00	JWB	
OMOMETHANE	U	PPB	0.50	10/12/00	JWB	
BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
-BUTYLBENZENE	U	PPB	1.0	10/12/00	JWB	
RBON TETRACHLORIDE	U	PPB	0.10	10/12/00	JWB	
LOROBENZENE	U	PPB	0.10	10/12/00	JWB	
LOROETHANE	U	PPB	0.50	10/12/00	JWB	
LOROFORM	14	PPB	0.10	10/12/00	JWB	
LOROMETHANE	U	PPB	0.50	10/12/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
HLOROTOLUENE	U	PPB	0.50	10/12/00	JWB	
BROMOCHLOROMETHANE	1.5	PPB	0.10	10/12/00	JWB	
BROMOMETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
HLORODIFLUOROMETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
-DICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
ANS-1,2-DICHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.10	10/12/00	JWB	
-DICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
-D OROPROPENE	U	PPB	0.50	10/12/00	JWB	
-1, CHLOROPROPENE	U	PPB	0.50	10/12/00	JWB	
ANS-1,3-DICHLOROPROPENE	U	PPB	0.10	10/12/00	JWB	
HYLBENZENE	U	PPB	0.10	10/12/00	JWB	
OPROPYLBENZENE	U	PPB	0.50	10/12/00	JWB	
SOPROPYLTOLUENE	U	PPB	1.0	10/12/00	JWB	
THYLENE CHLORIDE	U	PPB	1.0	10/12/00	JWB	
ROPYLBENZENE	U	PPB	0.10	10/12/00	JWB	
RENE	U	PPB	0.50	10/12/00	JWB	
,1,2-TETRACHLOROETHANE	U	PPB	0.50	10/12/00	JWB	
,2,2-TETRACHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
TRACHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
LUENE	U	PPB	0.10	10/12/00	JWB	
,3-TRICHLOROBENZENE	U	PPB	0.50	10/12/00	JWB	
,4-TRICHLOROBENZENE	U	PPB	0.10	10/12/00	JWB	
,1-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
,2-TRICHLOROETHANE	U	PPB	0.10	10/12/00	JWB	
CHLOROETHENE	U	PPB	0.10	10/12/00	JWB	
CHLOROFLUOROMETHANE	U	PPB	0.10	10/12/00	JWB	
,3-TRICHLOROPROPANE	U	PPB	0.50	10/12/00	JWB	
,4-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
,5-TRIMETHYLBENZENE	U	PPB	0.50	10/12/00	JWB	
YL CHLORIDE	U	PPB	0.50	10/12/00	JWB	
YLENE	U	PPB	0.50	10/12/00	JWB	
p XYLENE	U	PPB	0.50	10/12/00	JWB	

ter, uG/L; Sediment, uG/kG

DWS/NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER RECEIVED JAN - 5 2001 TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

Unregulated Volatile Organic Chemicals

Basin - 4

Public Water Supply: Dickson Water Department

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County:

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	A (8)	1 2 0 6 0 0 (31-37)	B (38)	0 9 1 5 (43-46)

Collected by: Gary Suggs Location 0 0 1 (33-35) ENTRY POINT Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43-47)

Cont.	Name	Sign (13)	Results (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
2993	Bromobenzene	<	0005	4	120000	none	303
2943	Bromodichloromethane	<	0005	4	120000	none	303
2942	Bromoform	<	0005	4	120000	none	303
2214	Bromomethane	<	0005	4	120000	none	303
2944	Chlorodibromomethane	<	0005	4	120000	none	303
2216	Chloroethane	<	0005	4	120000	none	303
2941	Chloroform		0071	5	120000	none	303
2210	Chloromethane	<	0005	4	120000	none	303
2965	o-Chlorotoluene	<	0005	4	120000	none	303
2966	p-Chlorotoluene	<	0005	4	120000	none	303
	Dibromomethane	<	0005	4	120000	none	303
2967	m-Dichlorobenzene	<	0005	4	120000	none	303
2978	1,1-Dichloroethane	<	0005	4	120000	none	303

L31008-01

Unregulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

Cont. ID	Name	Sign	Results	Decl.	Analysis Date	Analysis By
9 - 12		13	14 - 17	18	23 - 28	
2416	2,2-Dichloropropane	<	0005	4	120000	303
2410	1,1-Dichloropropene	<	0005	4	120000	303
2413	1,3-Dichloropropene	<	0005	4	120000	303
2986	1,1,1,2-Tetrachloroethane	<	0005	4	120000	303
2988	1,1,2,2-Tetrachloroethane	<	0005	4	120000	303
2414	1,2,3-Trichloropropane	<	0005	4	120000	303

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

DWS/NEAC 1-8-01

Regulated
Inorganic Chemicals - Nitrate & Nitrite

Basin 4

Sample Type Key
D-Regular Distribution
B-Entry Point Sample
E-Composite
S-Special Sample

Public Water Supply: Dickson Water Department L31003-01

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County: Dickson

PWS ID Number (1-7)	ENTRY POINT (8)	SAMPLE DATE mo day year (32-37)	SAMPLE TYPE (38)	SAMPLE TIME (39-42)
0 0 0 0 1 9 1	A	1 2 0 5 0 0	B	0 8 4 0

Collected by: Bruce Trotter Location (29-31): 0 0 1 ENTRY POINT A Location

Lab Name: *Environmental Science Corporation* Lab ID (43-47): 0 2 0 0 6

Cont. ID (9-12)	Name	Sign (13)	Results (mg/l) (14-17)	Deci. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
1040	Nitrate as (N)		0 0 3 9	2	1 2 0 7 0 0	10.0	462
1041	Nitrite as (N)					1.0	
1038	Nitrate-Nitrite Total					10.0	

The maximum acceptable detection limit for nitrate is 1.0 mg/L. The minimum acceptable detection limit for nitrite is 0.01 mg/L. The maximum holding time for nitrate before analyses is 28 days. The maximum holding time holding time for nitrite is 48 hours.

Compositing of samples is allowed, however, the laboratory conducting the compositing must achieve MDLs that are less than one-fifth of the MCL.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

CN - 1048

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER
RECEIVED
JAN - 5 2001
TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

DBS 1-8-01

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

Public Water Supply: Dickson Water Department

Name and Address: 206 W Chestnut St

Dickson, TN 37055

County: Dickson

PWS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	A (8)	1 2 0 5 0 0 (32-37)	B (38)	0 9 1 5 (39-42)

Collected by: Gary Suggs Location: 0 0 1 (29-31) ENTRY POINT City Lake Location

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43-47)

Cont.	Name	Sign	Results (mg/l)	Decl.	Analysis Date	MCL mg/l	Analysis By
9		13	14 - 17	18	23 - 28		
2990	Benzene	<	0 0 0 5	4	1 2 1 0 0 0	0.005	303
2982	Carbon Tetrachloride	<	0 0 0 5	4	1 2 1 0 0 0	0.005	303
2969	Para-Dichlorobenzene	<	0 0 0 5	4	1 2 1 0 0 0	0.075	303
2980	1,2-Dichloroethane	<	0 0 0 5	4	1 2 1 0 0 0	0.005	303
2977	1,1-Dichloroethylene	<	0 0 0 5	4	1 2 1 0 0 0	0.007	303
2981	1,1,1-Trichloroethane	<	0 0 0 5	4	1 2 1 0 0 0	0.2	303
2984	Trichloroethylene	<	0 0 0 5	4	1 2 1 0 0 0	0.005	303
2976	Vinyl Chloride	<	0 0 0 5	4	1 2 1 0 0 0	0.002	303
2378	1,2,4-Trichlorobenzene	<	0 0 0 5	4	1 2 1 0 0 0	0.07	303
2380	cis-1,2-Dichloroethylene	<	0 0 0 5	4	1 2 1 0 0 0	0.07	303
29	Xylenes - Total	<	0 0 0 5	4	1 2 1 0 0 0	10.0	303
2964	Dichloromethane	<	0 0 0 5	4	1 2 1 0 0 0	0.005	303
2968	o-Dichlorobenzene	<	0 0 0 5	4	1 2 1 0 0 0	0.6	303
2979							

L31008-01

Regulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
9 - 12		13	14 -17	18	23 - 28		
2983	1,2-Dichloropropane	<	0005	4	120000	0.005	303
2985	1,1,2-Trichloroethane	<	0005	4	120000	0.005	303
2987	Tetrachloroethylene	<	0005	4	120000	0.005	303
2989	Monochlorobenzene	<	0005	4	120000	0.1	303
2991	Toluene	<	0005	4	120000	1.0	303
2992	Ethylbenzene	<	0005	4	120000	0.7	303
2996	Styrene	<	0005	4	120000	0.1	303

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

11/16/00

DWS/NEPAC

Regulated
Inorganic Chemicals - Nitrate & Nitrite

Basin 4

Sample Type Key
D-Regular Distribution
B-Entry Point Sample
E-Composite
S-Special Sample

Public Water Supply Dickson Water Department L28612-01

Name and Address 206 W Chestnut St

Dickson, TN 37055

County: Dickson

PWS ID Number	ENTRY POINT	SAMPLE DATE mo day year	SAMPLE TYPE	SAMPLE TIME
0 0 0 0 1 9 1 (1-7)	A (8)	1 1 0 2 0 0 (32-37)	B (38)	0 9 0 0 (39-42)

Collected by: Bruce Trotter Location 0 0 1 (29-31) ENTRY POINT RIVER Location

Lab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43-47)

Cont. ID (9-12)	Name	Sign (13)	Results (mg/l) (14-17)	Decl. (18)	Analysis Date (23-28)	MCL mg/l	Analysis By
1040	Nitrate as (N)		0056	2	110300	10.0	462
41	Nitrite as (N)					1.0	
1038	Nitrate-Nitrite Total					10.0	

The maximum acceptable detection limit for nitrate is 1.0 mg/L. The minimum acceptable detection limit for nitrite is 0.01 mg/L. The maximum holding time for nitrate before analyses is 28 days. The maximum holding time holding time for nitrite is 48 hours.

Compositing of samples is allowed, however, the laboratory conducting the compositing must achieve MDLs that are less than one-fifth of the MCL.

Return form to: Tennessee Division of Water Supply, 6th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243-1549

CN - 1048

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER
RECEIVED
NOV 15 2000
TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

DWS/NEPAC

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER RECEIVED
FEB - 5 2001
Basin - 4
TENNESSEE DEPT OF ENVIRONMENT AND CONSERVATION

2/7/01

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Regulated
Volatile Organic Chemicals

ublic Water Supply: Dickson Water Department L34502-01

ame and Address: 206 W Chestnut St
Dickson, TN 37055
County: Dickson

C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
E-Composite
B-Entry Point Sample

WS ID Number	ENTRY POINT	SAMPLE DATE (mo day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1 (1-7)	B (8)	0 1 2 3 0 1 (32-37)	B (38)	1 3 5 0 (39-42)

ollected by: Gary Suggs Location 0 0 1 (29-31) ENTRY POINT B Location

b Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (43-47)

ont.	Name	Sign	Results (mg/l)	Deci.	Analysis Date	MCL mg/l	Analysis By
12		13	14 - 17	18	23 - 28		
9r	Benzene	<	0 0 0 5	4	0 1 2 4 0 1	0.005	303
82	Carbon Tetrachloride	<	0 0 0 5	4	0 1 2 4 0 1	0.005	303
39	Para-Dichlorobenzene	<	0 0 0 5	4	0 1 2 4 0 1	0.075	303
30	1,2-Dichloroethane	<	0 0 0 5	4	0 1 2 4 0 1	0.005	303
77	1,1-Dichloroethylene	<	0 0 0 5	4	0 1 2 4 0 1	0.007	303
31	1,1,1-Trichloroethane	<	0 0 0 5	4	0 1 2 4 0 1	0.2	303
34	Trichloroethylene	<	0 0 0 5	4	0 1 2 4 0 1	0.005	303
76	Vinyl Chloride	<	0 0 0 5	4	0 1 2 4 0 1	0.002	303
78	1,2,4-Trichlorobenzene	<	0 0 0 5	4	0 1 2 4 0 1	0.07	303
60	cis-1,2-Dichloroethylene	<	0 0 0 5	4	0 1 2 4 0 1	0.07	303
85	Xylenes - Total	<	0 0 0 5	4	0 1 2 4 0 1	10.0	303
4	Dichloromethane	<	0 0 0 5	4	0 1 2 4 0 1	0.005	303
8	o-Dichlorobenzene	<	0 0 0 5	4	0 1 2 4 0 1	0.6	303
9	trans-1,2-Dichloroethylene	<	0 0 0 5	4	0 1 2 4 0 1	0.1	303

L34502-01

Regulated Volatile Organic Chemicals
ANALYSIS RESULTS

Environmental Science Corporation

Cont. ID	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
- 12		13	14 -17	18	23 - 28		
983	1,2-Dichloropropane	<	0005	4	012401	0.005	303
985	1,1,2-Trichloroethane	<	0005	4	012401	0.005	303
987	Tetrachloroethylene	<	0005	4	012401	0.005	303
989	Monochlorobenzene	<	0005	4	012401	0.1	303
991	Toluene	<	0005	4	012401	1.0	303
992	Ethylbenzene	<	0005	4	012401	0.7	303
996	Styrene	<	0005	4	012401	0.1	303

DWS/NEAC

Tennessee Department of Environment and Conservation
CHEMICAL ANALYSIS REPORT FORM

Unregulated
Volatile Organic Chemicals

Basin - 4

Sample Type Key
C-Check Sample
D-Regular Distribution
P-Plant Tap Sample
R-Raw Water Sample
S-Special Sample
C-Composite
E-Entry Point Sample

ublic Water Supply: Dickson Water Department L34502-01

ame and Address: 206 W Chestnut St

Dickson, TN 37055

County:

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER RECEIVED
FEB - 5 2001
TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

WS ID Number: 0 0 0 1 9 1 (1-7)

ENTRY POINT: B (8)

SAMPLE DATE: mo day year: 0 1 2 3 0 1 (32-37)

SAMPLE TYPE: B (38)

SAMPLE TIME: 1 3 5 0 (43-46)

ollected by: Gary Suggs Location: 0 0 1 (33-35) ENTRY POINT B Location

ab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (43-47)

ont. D	Name	Sign	Results	Deci.	Analysis Date	MCL mg/l	Analysis By
12		13	14-17	18	23-28		
99	Bromobenzene	<	0005	4	012401	none	303
043	Bromodichloromethane		0016	4	012401	none	303
042	Bromoform	<	0005	4	012401	none	303
214	Bromomethane	<	0005	4	012401	none	303
044	Chlorodibromomethane		0055	5	012401	none	303
216	Chloroethane	<	0005	4	012401	none	303
041	Chloroform		0019	4	012401	none	303
210	Chloromethane	<	0005	4	012401	none	303
165	o-Chlorotoluene	<	0005	4	012401	none	303
166	p-Chlorotoluene	<	0005	4	012401	none	303
08	Dibromomethane	<	0005	4	012401	none	303
67	m-Dichlorobenzene	<	0005	4	012401	none	303
78	1,1-Dichloroethane	<	0005	4	012401	none	303
12	1,3-Dichloropropane	<	0005	4	012401	none	303

D	Name	Sign	Results	Deci.	Analysis Date	Analysis By
12		13	14 - 17	18	23 - 28	
416	2,2-Dichloropropane	<	0005	4	012401	303
410	1,1-Dichloropropene	<	0005	4	012401	303
413	1,3-Dichloropropene	<	0005	4	012401	303
986	1,1,1,2-Tetrachloroethane	<	0005	4	012401	303
988	1,1,2,2-Tetrachloroethane	<	0005	4	012401	303
414	1,2,3-Trichloropropane	<	0005	4	012401	303

Dws DRB 2/7/01

DWS/NBA

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

'at' ''ystem
ame and Address Dickson Water Department L34518-01
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

WS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1	0 9	0 1 2 3 0 1	D	1 1 2 0
1–7	8 9	36–41	42	43–46

ollected by: Gary Suggs Location 0 0 0 (33 35) 2415 HWY 70 E
Entry Point to Distribution System

ab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47 51)

nalyte ID (0-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
450	Monochloroacetic Acid						
451	Dichloroacetic Acid						
452	Trichloroacetic Acid						
45	Monobromoacetic Acid						
454	Dibromoacetic Acid						
455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 2 4	3	0 1 2 5 0 1	303
	Bromodichloromethane	2 1 3		0 0 3 9	4	0 1 2 5 0 1	303
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	0 1 2 5 0 1	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 1 2 5 0 1	303
950	** Total Trihalomethane	2 1 3		0 2 9 9	4	0 1 2 5 0 1	

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER RECEIVED
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TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

AVG. = .015

ir Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.
ir Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.
ir Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.
ir True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.
ir True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

Total Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

Total Trihalomethane is determined by adding together the results of the trichloromethane, bromochloromethane, chlorodibromomethane and tribromomethane results.

et n to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

N-0777 (Rev. 8/99) RDA 2410

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

'at' 'ystem
am.. and Address: Dickson Water Department L34518-02
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

WS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1	0 9	0 1 2 3 0 1	D	1 2 2 0
1 – 7	8 9	36 – 41	42	43 – 46

ollected by: Gary Suggs Location 0 0 1 (33 35) 3479 HWY 70 W
Entry Point to Distribution System

ab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47 51)

nalyte ID (-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
450	Monochloroacetic Acid						
451	Dichloroacetic Acid						
452	Trichloroacetic Acid						
4!	Monobromoacetic Acid						
454	Dibromoacetic Acid						
455	* Total Haloacetic Acids						
	Trichloromethane	213		0036	4	012501	303
	Bromodichloromethane	213		0021	4	012501	303
	Dibromochloromethane	213	<	0001	3	012501	303
	Tribromomethane	213	<	0001	3	012501	303
950	** Total Trihalomethane	213		0077	4	012501	

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER RECEIVED
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TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

· Surface and GWUDI systems serving at least 10,000
Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.
· Surface and GWUDI systems serving 500 to 9,999
One water sample per quarter per treatment plant, at locations representing the maximum residence time.
· Surface and GWUDI systems serving less than 500
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.
· True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.
· True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

otal Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

otal Trihalomethane is determined by adding together the results of the trichloromethane, bromochlormethane, chlorodibromomethane and tribromomethane results.

Return to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

-0777 (Rev. 8/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

at ystem

ame and Address: Dickson Water Department L34518-03
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

NS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1 (1-7)	0 9 (8-9)	0 1 2 3 0 1 (36-41)	D (42)	1 0 5 5 (43-46)

ollected by: Gary Suggs Location 0 0 1 (33-35) 2975 HWY 48 S
Entry Point to Distribution System

ab Name: *Environmental Science Corporation* Lab ID 0 2 0 0 6 (47-51)

alyte ID (9-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
50	Monochloroacetic Acid						
51	Dichloroacetic Acid						
52	Trichloroacetic Acid						
5	Monobromoacetic Acid						
54	Dibromoacetic Acid						
55	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 5 8	4	0 1 2 5 0 1	303
	Bromodichloromethane	2 1 3		0 0 2 5	4	0 1 2 5 0 1	303
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	0 1 2 5 0 1	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 1 2 5 0 1	303
50	** Total Trihalomethane	2 1 3		0 1 0 3	4	0 1 2 5 0 1	

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER RECEIVED
FEB - 5 2001
TENNESSEE DEPT. OF ENVIRONMENTAL & CONSERVATION

- Surface and GWUDI systems serving at least 10,000
  Four water samples per quarter per treatment plant. At lest 25 percent at locations representing the maximum residence time. The remaining 75 percent shall be taken at representative locations in the distribution system taking into account number of persons served, different sources of water, and different treatment methods.
- Surface and GWUDI systems serving 500 to 9,999
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- Surface and GWUDI systems serving less than 500
  One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.
- True Ground Water systems serving at least 10,000
  One sample per quarter per treatment plant at locations representing the maximum residence time.
- True Ground Water systems serving less than 10,000
  One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

otal Haloacetic Acids are determined by adding together the results of the monochloroacetic, dichloroacetic, trichloroacetic, monobromoacetic and dibromoacetic acid results.

otal Trihalomethane is determined by adding together the results of the trichloromethane, bromochlormethane, chlorodibromomethane and tribromomethane results.

tt n to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

-0777 (Rev. 6/99) RDA 2410

TENNESSE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CHEMICAL ANALYSIS REPORT
Haloacetic Acids and Total Trihalomethanes

Basin - 4

a' ystem

ame and Address: Dickson Water Department L34518-04
206 W Chestnut St
Dickson, TN 37055
County: Dickson

Sample Type Key
D- Distribution
M- Maximum Residence Time

WS ID Number	TRANSACTION CODE	SAMPLE DATE (month day year)	SAMPLE TYPE	SAMPLE TIME
0 0 0 1 9 1 (1-7)	0 9 (8 9)	0 1 2 3 0 1 (36-41)	M (42)	1 2 0 0 (43-46)

Collected by: Gary Suggs Location: 0 0 1 (33-35) 555 STEELE RD
Entry Point to Distribution System

Lab Name: *Environmental Science Corporation* Lab ID: 0 2 0 0 6 (47-51)

Analyte ID (9-13)	Name	Method (14-16)	Sign (17)	Results (18-21)	Decimal (22)	Analysis Date (27-32)	Analysis By
1450	Monochloroacetic Acid						
1451	Dichloroacetic Acid						
1452	Trichloroacetic Acid						
1	Monobromoacetic Acid						
1454	Dibromoacetic Acid						
1455	* Total Haloacetic Acids						
	Trichloromethane	2 1 3		0 0 6 2	4	0 1 2 5 0 1	303
	Bromodichloromethane	2 1 3		0 0 2 4	4	0 1 2 5 0 1	303
	Dibromochloromethane	2 1 3	<	0 0 0 1	3	0 1 2 5 0 1	303
	Tribromomethane	2 1 3	<	0 0 0 1	3	0 1 2 5 0 1	303
1450	** Total Trihalomethane	2 1 3		0 1 0 6	4	0 1 2 5 0 1	

NASHVILLE ENVIRONMENTAL ASSISTANCE CENTER RECEIVED
FEB - 5
TENNESSEE DEPT OF ENVIRONMENTAL & CONSERVATION

Surface and GWUDI systems serving at least 10,000
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True Ground Water systems serving at least 10,000
One sample per quarter per treatment plant at locations representing the maximum residence time.
True Ground Water systems serving less than 10,000
One sample per year per treatment plant during the month of warmest water temperature at locations representing maximum residence time.

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*otal Trihalomethane is determined by adding together the results of the trichloromethane,bromochloromethane, chlorodibromomethane and tribromomethane results.

m to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549

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