



**DIVISION OF
ADMINISTRATION**
Public Health Laboratory

615 East Fourth Street
Pierre, South Dakota 57501-1700
605/773-3368 FAX: 605/773-6129
www.state.sd.us/doh/lab/index.htm

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Date: 2/8/2006

Submitter copy to:

ABERDEEN, CITY OF-0020
12668 391ST AVE
ABERDEEN, SD 57402-4215

Spec #: B06EC000473
Subm #:
Lab: ENV CHEMISTRY
Tel #: (605) 773-3368

Source

ABERDEEN/CITY WATER

Date Rcvd: 2/7/2006
Time Rcvd: 0800
Date Coll: 2/6/2006
Time Coll: 0830
Spec Type: DRINKING WAT
Coll By: JAY WETENKAMP
Entry Point: Yes

Field Temp 8.9
Field pH: 9.19
Source Name ELM RIVER
Tap Location: EFFLUENT SAMPLE POINT
Telephone Numb* 6267074
Treatment: LIMB SOFTENING RAPID SAND DUAL MEDIA
Type of Sample: Treated

Final Results

Compound	Concentration	Compound	Concentration
CHLOROFORM	2.22 ug/L	1,1-Dichloroethane	<0.500 ug/L
BROMODICHLOROMETHANE	2.09 ug/L	2,2-Dichloropropane	<0.500 ug/L
DIBROMOCHLOROMETHANE	1.40 ug/L	Bromochloromethane	<0.500 ug/L
BROMOFORM	<0.500 ug/L	Dibromomethane	<0.500 ug/L
TOTAL TRIHALOMETHANES	5.70 ug/L	cis-1,3-Dichloropropene	<0.500 ug/L
TRICHLOROETHYLENE	<0.500 ug/L	trans-1,3-Dichloropropene	<0.500 ug/L
CARBON TETRACHLORIDE	<0.500 ug/L	1,1,2-Trichloroethane	<0.500 ug/L
1,1,1-TRICHLOROETHANE	<0.500 ug/L	1,3-Dichloropropane	<0.500 ug/L
VINYL CHLORIDE	<0.500 ug/L	1,2-Dibromoethane	<0.500 ug/L
1,2-DICHLOROETHANE	<0.500 ug/L	1,1,1,2-Tetrachloroethane	<0.500 ug/L
BENZENE	<0.500 ug/L	1,1,2,2-Tetrachloroethane	<0.500 ug/L
1,1-DICHLOROETHYLENE	<0.500 ug/L	Isopropylbenzene	<0.500 ug/L
PARA-DICHLOROBENZENE	<0.500 ug/L	Bromobenzene	<0.500 ug/L
O-DICHLOROBENZENE	<0.500 ug/L	1,2,3-Trichloropropane	<0.500 ug/L
cis-1,2-DICHLOROETHYLENE	<0.500 ug/L	N-Propylbenzene	<0.500 ug/L
trans-1,2-DICHLOROETHYLENE	<0.500 ug/L	2-Chlorotoluene	<0.500 ug/L
1,2-DICHLOROPROPANE	<0.500 ug/L	4-Chlorotoluene	<0.500 ug/L
ETHYLBENZENE	<0.500 ug/L	1,3,5-Trimethylbenzene	<0.500 ug/L
Chlorobenzene	<0.500 ug/L	tert-Butylbenzene	<0.500 ug/L
STYRENE	<0.500 ug/L	1,2,4-Trimethylbenzene	<0.500 ug/L
TETRACHLOROETHYLENE	<0.500 ug/L	sec-Butylbenzene	<0.500 ug/L
TOLUENE	<0.500 ug/L	1,3-Dichlorobenzene	<0.500 ug/L
m,p-XYLENE	<0.500 ug/L	isopropyl-Toluene	<0.500 ug/L

(continued)



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Table with 4 columns: Compound Name, Concentration (ug/L), Compound Name, Concentration (ug/L). Rows include o-XYLENE, TOTAL XYLENES, DICHLORODIFLUOROMETHANE, Chloromethane, Bromomethane, Chloroethane, Trichlorofluoromethane, Methylene Chloride, N-Butylbenzene, 1,2-Dibromo-3-Chloropropane, 1,2,4-Trichlorobenzene, naphthalene, Hexachlorobutadiene, 1,2,3-Trichlorobenzene, 1,1-Dichloropropene.

Results for VOC analysis determined by EPA method 524.2.