

Susceptibility Report for System ID 2300026

System Details

Water System ID	2300026
System Name	ROSEWOOD WATER SYSTEM
Address	7891 US HIGHWAY 271 TYLER, TX 757084002
County	UPSHUR
Telephone	9039208421
PWS Type	C
Total Production	0

Ground Water Sources

Source ID	Drill Date	Top Screened Interval (Ft.)	Bottom Screened Interval (Ft.)	Pumpage Rate (GPM)	Entry Point	Operational Status
No groundwater sources						

Surface Water Sources

Source ID	Type	Surface Water Body	Entry Point	Operational Status
No surface water sources				

PWS System Susceptibility Summary: Contaminants with HIGH Susceptibility

The system is rated as having HIGH susceptibility to the contaminants listed below.

D.W. CONTAM. CANDIDATE LIST

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
BORON	----	Moderate	High	----	----	----	High

INORGANICS

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
TDS	----	Moderate	High	----	----	----	High

INORGANICS MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
SPECIFIC CONDUCTANCE	----	Moderate	High	----	----	----	High

PHYSICAL

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
HARDNESS	----	Moderate	High	----	----	----	High

PWS System Susceptibility Summary: Contaminants with MODERATE Susceptibility

The system is rated as having MODERATE susceptibility to the contaminants listed below.

D.W. CONTAM. CANDIDATE LIST

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
1,2-DIPHENYLHYDRAZINE	----	Moderate	Low	----	----	----	Moderate
1,3-DICHLOROPROPENE	----	Moderate	Moderate	----	----	----	Moderate
2,4,6- TRICHLOROPHENOL	----	Moderate	Low	----	----	----	Moderate
2,4- DICHLOROPHENOL	----	Moderate	Moderate	----	----	----	Moderate
2,4-DINITROPHENOL	----	Moderate	Moderate	----	----	----	Moderate
2,4-DINITROTOLUENE	----	Moderate	Low	----	----	----	Moderate
2,6-DINITROTOLUENE	----	Moderate	Low	----	----	----	Moderate

2-METHYLPHENOL	----	Moderate	Low	----	----	----	Moderate
ACETOCHLOR	----	Moderate	Moderate	----	----	----	Moderate
CYANAZINE	----	Moderate	Moderate	----	----	----	Moderate
DCPA DI-ACID DEGRADATE	----	Moderate	Moderate	----	----	----	Moderate
DCPA MONO-ACID DEGRADATE	----	Moderate	Moderate	----	----	----	Moderate
DDE	----	Moderate	Moderate	----	----	----	Moderate
DIAZINON	Low	Moderate	Moderate	----	----	----	Moderate
MOLINATE	----	Moderate	Moderate	----	----	----	Moderate
NITROBENZENE	----	Moderate	Low	----	----	----	Moderate
ORGANOTINS	----	Moderate	Low	----	----	----	Moderate
PERCHLORATE	----	Moderate	Low	----	----	----	Moderate
PROPAZINE	----	Moderate	Moderate	----	----	----	Moderate
RDX	----	Moderate	Low	----	----	----	Moderate
TERBACIL	----	Moderate	Moderate	----	----	----	Moderate
TERBUFOS	----	Moderate	Moderate	----	----	----	Moderate
DISULFOTON	----	Moderate	Moderate	----	----	----	Moderate
DIURON	----	Moderate	Moderate	----	----	----	Moderate
EPTC	----	Moderate	Moderate	----	----	----	Moderate
FONOFOS	----	Moderate	Moderate	----	----	----	Moderate
LINURON	----	Moderate	Moderate	----	----	----	Moderate

INORGANICS

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
ALUMINUM	Low	Moderate	Moderate	----	----	----	Moderate
ANTIMONY	----	Moderate	Low	----	----	----	Moderate
ARSENIC	Low	Moderate	----	----	----	----	Moderate
ASBESTOS	----	Moderate	----	----	----	----	Moderate
BARIUM	Low	Moderate	----	----	----	----	Moderate
BERYLLIUM	----	Moderate	Low	----	----	----	Moderate
BROMIDE	----	Moderate	Low	----	----	----	Moderate
CADMIUM	----	Moderate	----	----	----	----	Moderate
CHLORIDE	Low	Moderate	Low	----	----	----	Moderate
CHROMIUM	----	Moderate	----	----	----	----	Moderate
COPPER	Low	Moderate	Low	----	----	----	Moderate
CYANIDE	----	Moderate	Low	----	----	----	Moderate
NICKEL	----	Moderate	Low	----	----	----	Moderate
NITRATE	Low	Moderate	Low	----	----	----	Moderate
NITRATE+NITRITE	Low	Moderate	Low	----	----	----	Moderate
NITRITE	Low	Moderate	Low	----	----	----	Moderate
SELENIUM	----	Moderate	----	----	----	----	Moderate
SILVER	----	Moderate	Low	----	----	----	Moderate
SULFATE	Low	Moderate	Low	----	----	----	Moderate
THALLIUM	----	Moderate	Low	----	----	----	Moderate
FLUORIDE	----	Moderate	----	----	----	----	Moderate
HYDROGEN SULFIDE	----	Moderate	Low	----	----	----	Moderate
IRON	Low	Moderate	Low	----	----	----	Moderate
LEAD	----	Moderate	Low	----	----	----	Moderate
MANGANESE	Low	Moderate	Moderate	----	----	----	Moderate
MERCURY	----	Moderate	Low	----	----	----	Moderate
ZINC	Low	Moderate	Moderate	----	----	----	Moderate

INORGANICS MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
ALKALINITY	----	Moderate	----	----	----	----	Moderate
BICARBONATE	Low	Moderate	----	----	----	----	Moderate
CARBONATE	----	Moderate	----	----	----	----	Moderate
MAGNESIUM	----	Moderate	Low	----	----	----	Moderate

INORGANICS UNREGULATED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
CALCIUM	----	Moderate	Low	----	----	----	Moderate
SODIUM	Low	Moderate	Moderate	----	----	----	Moderate

PHYSICAL PARAMETER

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
pH	----	Moderate	Low	----	----	----	Moderate

RADIOCHEM

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
RADIUM-226	----	Moderate	Low	----	----	----	Moderate
RADIUM-228	----	Moderate	Low	----	----	----	Moderate
STRONTIUM-90	----	Moderate	Low	----	----	----	Moderate
TRITIUM	----	Moderate	Low	----	----	----	Moderate
GROSS ALPHA	----	Moderate	Low	----	----	----	Moderate
GROSS BETA	----	Moderate	Low	----	----	----	Moderate

RADIOCHEM UNREGULATED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
RADON	----	Moderate	Low	----	----	----	Moderate
STRONTIUM-89	----	Moderate	Low	----	----	----	Moderate
URANIUM	----	Moderate	Low	----	----	----	Moderate

SOC MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
2,4,5-T	----	Moderate	Moderate	----	----	----	Moderate
3-HYDROXYCARBOFURAN	----	Moderate	Moderate	----	----	----	Moderate
ACENAPHTHENE	----	Moderate	Moderate	----	----	----	Moderate
ACENAPHTHYLENE	----	Moderate	Low	----	----	----	Moderate
ALDRIN	----	Moderate	Moderate	----	----	----	Moderate
ANTHRACENE	----	Moderate	Moderate	----	----	----	Moderate
BENTAZON	----	Moderate	Moderate	----	----	----	Moderate
BENZO[A]ANTHRACENE	----	Moderate	----	----	----	----	Moderate
BENZO[B]FLUORANTHENE	----	Moderate	Low	----	----	----	Moderate
BENZO[G,H,I]PERYLENE	----	Moderate	Low	----	----	----	Moderate
BENZO[K]FLUORANTHENE	----	Moderate	----	----	----	----	Moderate
BROMACIL	----	Moderate	Moderate	----	----	----	Moderate
BUTACHLOR	----	Moderate	Moderate	----	----	----	Moderate
BUTYL BENZYL PHTHALATE	----	Moderate	Low	----	----	----	Moderate
CARBARYL	----	Moderate	Moderate	----	----	----	Moderate
CHRYSENE	----	Moderate	Moderate	----	----	----	Moderate
DIBENZ[A,H]ANTHRACENE	----	Moderate	----	----	----	----	Moderate
METHIOCARB	----	Moderate	Moderate	----	----	----	Moderate
METHOMYL	----	Moderate	Moderate	----	----	----	Moderate
METOLACHLOR	----	Moderate	Moderate	----	----	----	Moderate
METRIBUZIN	----	Moderate	Moderate	----	----	----	Moderate
PHENANTHRENE	----	Moderate	Low	----	----	----	Moderate
PROMETON	----	Moderate	Moderate	----	----	----	Moderate
PROPACHLOR	----	Moderate	Moderate	----	----	----	Moderate
PYRENE	----	Moderate	Low	----	----	----	Moderate
TRIFLURALIN	----	Moderate	Moderate	----	----	----	Moderate
DICAMBA	----	Moderate	Moderate	----	----	----	Moderate
DIELDRIN	----	Moderate	Moderate	----	----	----	Moderate
DIETHYL PHTHALATE	----	Moderate	Moderate	----	----	----	Moderate
DIMETHYL PHTHALATE	----	Moderate	Moderate	----	----	----	Moderate
DI-N-BUTYL PHTHALATE	----	Moderate	Low	----	----	----	Moderate
FLUORENE	----	Moderate	Low	----	----	----	Moderate
INDENO[1,2,3,CD]PYRENE	----	Moderate	----	----	----	----	Moderate
LAMBAST	----	Moderate	Moderate	----	----	----	Moderate

SOC REGULATED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
2,3,7,8-TCDD	----	Moderate	----	----	----	----	Moderate
2,4,5-TP	----	Moderate	Moderate	----	----	----	Moderate
2,4-D	----	Moderate	Moderate	----	----	----	Moderate
ALACHLOR	----	Moderate	Moderate	----	----	----	Moderate

ALDICARB	----	Moderate	Moderate	----	----	----	Moderate
ALDICARB SULFONE	----	Moderate	Moderate	----	----	----	Moderate
ALDICARB SULFOXIDE	----	Moderate	Moderate	----	----	----	Moderate
ATRAZINE	Low	Moderate	Moderate	----	----	----	Moderate
BENZO(A)PYRENE	----	Moderate	Low	----	----	----	Moderate
CARBOFURAN	----	Moderate	Moderate	----	----	----	Moderate
CHLORDANE	----	Moderate	Moderate	----	----	----	Moderate
CHLORDANE (ALPHA-CHLORDANE)	----	Moderate	Moderate	----	----	----	Moderate
CHLORDANE (GAMMA-CHLORDANE)	----	Moderate	Moderate	----	----	----	Moderate
CHLORDANE (TRANS-NONACHLOR)	----	Moderate	Moderate	----	----	----	Moderate
DALAPON	----	Moderate	Moderate	----	----	----	Moderate
DI-(2-ETHYLHEXYL)ADIPATE	----	Moderate	Moderate	----	----	----	Moderate
DI-(2-ETHYLHEXYL)PHTHALATE	----	Moderate	Moderate	----	----	----	Moderate
DIBROMOCHLOROPROPANE	----	Moderate	Moderate	----	----	----	Moderate
METHOXYCHLOR	----	Moderate	Moderate	----	----	----	Moderate
OXAMYL	----	Moderate	Moderate	----	----	----	Moderate
PCBs	----	Moderate	Low	----	----	----	Moderate
PENTACHLOROPHENOL	----	Moderate	Low	----	----	----	Moderate
PICLORAM	----	Moderate	Moderate	----	----	----	Moderate
SIMAZINE	----	Moderate	Moderate	----	----	----	Moderate
TOXAPHENE	----	Moderate	Moderate	----	----	----	Moderate
DINOSEB	----	Moderate	Moderate	----	----	----	Moderate
DIQUAT	Low	Moderate	Moderate	----	----	----	Moderate
ENDOTHALL	----	Moderate	Moderate	----	----	----	Moderate
ENDRIN	----	Moderate	Moderate	----	----	----	Moderate
ETHYLENE DIBROMIDE	----	Moderate	----	----	----	----	Moderate
GLYPHOSATE	Low	Moderate	Moderate	----	----	----	Moderate
HEPTACHLOR	----	Moderate	Moderate	----	----	----	Moderate
HEPTACHLOR EPOXIDE	----	Moderate	Moderate	----	----	----	Moderate
HEXACHLOROBENZENE	----	Moderate	Moderate	----	----	----	Moderate
HEXACHLOROCYCLOPENTADIENE	----	Moderate	Moderate	----	----	----	Moderate
LINDANE	----	Moderate	Moderate	----	----	----	Moderate

THM

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
BROMOCHLOROMETHANE	----	Moderate	----	----	----	----	Moderate
BROMODICHLOROMETHANE	----	Moderate	----	----	----	----	Moderate
BROMOFORM	----	Moderate	Low	----	----	----	Moderate
BROMOMETHANE	----	Moderate	Moderate	----	----	----	Moderate
CHLOROFORM	----	Moderate	Moderate	----	----	----	Moderate
DIBROMOCHLOROMETHANE	----	Moderate	----	----	----	----	Moderate

VOC - OTHER COMPOUNDS

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
2-HEXANONE	----	Moderate	Low	----	----	----	Moderate
4-METHYL-2-PENTANONE (MIBK)	----	Moderate	Low	----	----	----	Moderate
ACETONE	----	Moderate	Low	----	----	----	Moderate
ACRYLONITRILE	----	Moderate	Low	----	----	----	Moderate
CARBON DISULFIDE	----	Moderate	Moderate	----	----	----	Moderate
METHYL ETHYL KETONE	----	Moderate	Low	----	----	----	Moderate
METHYL METHACRYLATE	----	Moderate	Low	----	----	----	Moderate
METHYL-T-BUTYL ETHER	----	Moderate	Low	----	----	----	Moderate
TETRAHYDROFURAN	----	Moderate	Low	----	----	----	Moderate
ETHYL METHACRYLATE	----	Moderate	Low	----	----	----	Moderate
METHYL IODIDE (Iodomethane)	----	Moderate	Moderate	----	----	----	Moderate
VINYL ACETATE	----	Moderate	Low	----	----	----	Moderate

VOC MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
1,1,1,2-TETRACHLOROETHANE	----	Moderate	Low	----	----	----	Moderate
1,1,2,2-TETRACHLOROETHANE	----	Moderate	Moderate	----	----	----	Moderate
1,1-DICHLOROETHANE	----	Moderate	Low	----	----	----	Moderate

1,1-DICHLOROPROPENE	----	Moderate	Low	----	----	----	Moderate
1,2,3-TRICHLOROBENZENE	----	Moderate	Low	----	----	----	Moderate
1,2,3-TRICHLOROPROPANE	----	Moderate	Low	----	----	----	Moderate
1,2,4-TRIMETHYLBENZENE	----	Moderate	Low	----	----	----	Moderate
1,3,5-TRIMETHYLBENZENE	----	Moderate	Low	----	----	----	Moderate
1,3-DICHLOROBENZENE	----	Moderate	Low	----	----	----	Moderate
1,3-DICHLOROPROPANE	----	Moderate	Moderate	----	----	----	Moderate
2,2-DICHLOROPROPANE	----	Moderate	----	----	----	----	Moderate
2-CHLOROTOLUENE	----	Moderate	Moderate	----	----	----	Moderate
4-CHLOROTOLUENE	----	Moderate	Low	----	----	----	Moderate
4-ISOPROPYLTOLUENE	----	Moderate	Low	----	----	----	Moderate
BROMOBENZENE	----	Moderate	----	----	----	----	Moderate
CHLOROETHANE	----	Moderate	Moderate	----	----	----	Moderate
CHLOROMETHANE	----	Moderate	Low	----	----	----	Moderate
CIS-1,3-DICHLOROPROPENE	----	Moderate	Moderate	----	----	----	Moderate
DIBROMOMETHANE	----	Moderate	Low	----	----	----	Moderate
NAPHTHALENE	----	Moderate	Low	----	----	----	Moderate
N-BUTYLBENZENE	----	Moderate	----	----	----	----	Moderate
N-PROPYLBENZENE	----	Moderate	----	----	----	----	Moderate
S-BUTYLBENZENE	----	Moderate	Low	----	----	----	Moderate
T-BUTYLBENZENE	----	Moderate	----	----	----	----	Moderate
TRANS-1,3-DICHLOROPROPENE	----	Moderate	Moderate	----	----	----	Moderate
TRICHLOROFLUOROMETHANE	----	Moderate	Moderate	----	----	----	Moderate
DICHLORODIFLUOROMETHANE	----	Moderate	Moderate	----	----	----	Moderate
HEXACHLOROBUTADIENE	----	Moderate	Low	----	----	----	Moderate
ISOPROPYLBENZENE	----	Moderate	Low	----	----	----	Moderate
M + P XYLENE	----	Moderate	Low	----	----	----	Moderate

VOC REGULATED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
1,1,1-TRICHLOROETHANE	----	Moderate	Moderate	----	----	----	Moderate
1,1,2-TRICHLOROETHANE	----	Moderate	Moderate	----	----	----	Moderate
1,1-DICHLOROETHYLENE	----	Moderate	Moderate	----	----	----	Moderate
1,2,4-TRICHLOROBENZENE	----	Moderate	Moderate	----	----	----	Moderate
1,2-DICHLOROETHANE	----	Moderate	Moderate	----	----	----	Moderate
1,2-DICHLOROPROPANE	----	Moderate	Moderate	----	----	----	Moderate
BENZENE	----	Moderate	Low	----	----	----	Moderate
CARBON TETRACHLORIDE	----	Moderate	Moderate	----	----	----	Moderate
CHLOROBENZENE (MONOCHLOROBENZENE)	----	Moderate	Moderate	----	----	----	Moderate
CIS-1,2-DICHLOROETHYLENE	----	Moderate	Low	----	----	----	Moderate
MONOCHLOROBENZENE (CHLOROBENZENE)	----	Moderate	Low	----	----	----	Moderate
M-XYLENE	----	Moderate	Low	----	----	----	Moderate
ORTHO-1,2-DICHLOROBENZENE	----	Moderate	Moderate	----	----	----	Moderate
O-XYLENE	----	Moderate	Low	----	----	----	Moderate
PARA-1,4-DICHLOROBENZENE	----	Moderate	Moderate	----	----	----	Moderate
P-XYLENE	----	Moderate	Low	----	----	----	Moderate
STYRENE	----	Moderate	Low	----	----	----	Moderate
TETRACHLOROETHYLENE	----	Moderate	Moderate	----	----	----	Moderate
TOLUENE	----	Moderate	Moderate	----	----	----	Moderate
TRANS-1,2-DICHLOROETHYLENE	----	Moderate	Low	----	----	----	Moderate
TRICHLOROETHYLENE	----	Moderate	Moderate	----	----	----	Moderate
DICHLROMETHANE	----	Moderate	Low	----	----	----	Moderate
ETHYLBENZENE	----	Moderate	Moderate	----	----	----	Moderate
VINYL CHLORIDE	----	Moderate	Low	----	----	----	Moderate
XYLENES (TOTAL)	----	Moderate	Moderate	----	----	----	Moderate

Other

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
AROCOR (PCB)	----	Moderate	Moderate	----	----	----	Moderate
CRYPTOSPORIDIUM PARVUM	Low	Moderate	Moderate	----	----	----	Moderate
P-ALKALINITY	----	Moderate	----	----	----	----	Moderate
TOTAL ALPHA EMITTING RADIUM	----	Moderate	Low	----	----	----	Moderate
TOTAL COLIFORM	Low	Moderate	Moderate	----	----	----	Moderate
TOTAL TRIHALOMETHANE	----	Moderate	----	----	----	----	Moderate

TRIAZINES	----	Moderate	Moderate	----	----	----	Moderate
ESCHERICHIA COLI	Low	Moderate	Moderate	----	----	----	Moderate
FECAL VIRUSES	Low	Moderate	Moderate	----	----	----	Moderate
GIARDIA LAMBLIA	Low	Moderate	Moderate	----	----	----	Moderate

Contaminant List

List of regulated and unregulated assessed contaminants grouped by contaminant class. TCEQ Chapter 290 Subchapter F rules are cited for each drinking water standard (secondary drinking water standards are italicized). The TCEQ threshold limit is the concentration used within the contaminant occurrence component to determine if a detection of the chemical was found during water quality monitoring activities. The chemical abstract service (CAS) number is a unique identifier for each chemical.

D.W. CONTAM. CANDIDATE LIST

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CYANAZINE			0.01 ug/L	21725-46-2
DCPA DI-ACID DEGRADATE			0.00 ug/L	2136-79-0
BORON	2.20 mg/L		10.00 ug/L	11113-50-1
2,4,6-TRICHLOROPHENOL	0.08 mg/L		20.00 ug/L	88-06-2
2,4-DICHLOROPHENOL	0.07 mg/L		20.00 ug/L	120-83-2
2,4-DINITROPHENOL	0.05 mg/L		20.00 ug/L	51-28-5
2,4-DINITROTOLUENE	0.00 mg/L		5.00 ug/L	121-14-2
2,6-DINITROTOLUENE	0.00 mg/L		5.00 ug/L	606-20-2
2-METHYLPHENOL	0.05 mg/L		5.00 ug/L	95-48-7
ACETOCHLOR			0.01 ug/L	34256-82-1
1,2-DIPHENYLHYDRAZINE	0.00 mg/L		0.10 ug/L	122-66-7
1,3-DICHLOROPROPENE	0.01 mg/L		0.10 ug/L	542-75-6
PROPAZINE			0.01 ug/L	139-40-2
RDX	0.01 mg/L		0.10 ug/L	121-82-4
TERBACIL			0.01 ug/L	5902-51-2
TERBUFOS			0.01 ug/L	13071-79-9
DCPA MONO-ACID DEGRADATE			0.00 ug/L	887-54-7
DDE	0.00 mg/L		0.01 ug/L	72-55-9
DIAZINON	0.02 mg/L		0.01 ug/L	333-41-5
DISULFOTON	0.00 mg/L		0.01 ug/L	298-04-4
DIURON	0.05 mg/L		0.05 ug/L	330-54-1
EPTC	0.61 mg/L		0.01 ug/L	759-94-4
FONOFOS			0.01 ug/L	944-22-9
LINURON			0.01 ug/L	330-55-2
MOLINATE	0.05 mg/L		0.01 ug/L	2212-67-1
NITROBENZENE	0.01 mg/L		0.10 ug/L	98-95-3
ORGANOTINS				
PERCHLORATE				14797-73-0

INORGANICS

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CHLORIDE		\$290.113	125.00 mg/L	16887-00-6
CHROMIUM	0.10 mg/L	\$290.103(1)	50.00 ug/L	11104-59-9
COPPER	1.30 mg/L	\$290.120	65.00 ug/L	17493-86-6
CYANIDE	0.20 mg/L	\$290.103(1)	0.01 mg/L	57-12-5
BERYLLIUM	0.00 mg/L	\$290.103(1)	2.00 ug/L	14701-08-7
BROMIDE				
CADMIUM	0.01 mg/L	\$290.103(1)	2.50 ug/L	22537-48-0
ALUMINUM	24.44 mg/L	\$290.113	0.10 ug/L	14903-36-7
ANTIMONY	0.01 mg/L	\$290.103(1)	3.00 ug/L	64924-52-3
ARSENIC	0.05 mg/L	\$290.103(1)	10.00 ug/L	15584-04-0
ASBESTOS	7.00 mg/L		-9,999.00 ug/L	1332-21-4
BARIUM	2.00 mg/L	\$290.103(1)	1,000.00 ug/L	16541-35-8
SELENIUM	0.05 mg/L	\$290.103(1)	25.00 ug/L	7782-49-2
SILVER	0.12 mg/L	\$290.113	25.00 ug/L	14701-21-4
SULFATE	500.00 mg/L	\$290.113	125.00 mg/L	14808-79-8
TDS		\$290.113	250.00 mg/L	
THALLIUM	0.00 mg/L	\$290.103(1)	1.00 ug/L	7440-28-0
ZINC	7.33 mg/L	\$290.113	2.50 ug/L	15176-26-8
FLUORIDE	4.00 mg/L	\$290.103(1)	2.00 mg/L	16984-48-8
HYDROGEN SULFIDE		\$290.113	0.00 mg/L	15035-72-0
IRON		\$290.113	150.00 ug/L	15438-31-0
LEAD	0.02 mg/L	\$290.120	0.00 ug/L	14701-27-0
MANGANESE	1.15 mg/L	\$290.113	25.00 ug/L	14333-14-3
MERCURY	0.00 mg/L	\$290.103(1)	1.00 ug/L	14302-87-5
NICKEL	0.49 mg/L	\$290.103(1)	50.00 ug/L	14701-22-5
NITRATE	10.00 mg/L	\$290.103(1)	3.00 mg/L	14797-55-8
NITRATE+NITRITE	10.00 mg/L	\$290.103(1)	3.00 mg/L	none
NITRITE	1.00 mg/L	\$290.103(1)	0.50 mg/L	14797-65-0

INORGANICS MONITORED

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CARBONATE			1.00 mg/L	3812-32-6
BICARBONATE			1.00 mg/L	71-52-3
ALKALINITY			1.00 mg/L	
SPECIFIC CONDUCTANCE			1.00 uS/cm	
MAGNESIUM			0.01 mg/L	14581-92-1

INORGANICS UNREGULATED

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CALCIUM			0.02 mg/L	14102-48-8
SODIUM			0.20 mg/L	17341-25-2

PHYSICAL

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
HARDNESS			1.00 mg/L	

PHYSICAL PARAMETER

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
pH		\$290.113	0.10 pH	

RADIOCHEM

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
RADIUM-226	5.00 mg/L	\$290.110	1.00 pCi/L	13982-63-3
RADIUM-228	5.00 mg/L	\$290.110	0.50 pCi/L	15262-20-1
STRONTIUM-90		\$290.110	0.50 pCi/L	10098-97-2
TRITIUM		\$290.110	1.00 pCi/L	15086-10-9
GROSS ALPHA	15.00 mg/L	\$290.110	3.00 pCi/L	
GROSS BETA	4.00 mg/L	\$290.110	3.00 pCi/L	

RADIOCHEM UNREGULATED

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
RADON	300.00 mg/L		0.50 pCi/L	10043-92-2
STRONTIUM-89			0.50 pCi/L	14701-18-9
URANIUM	0.02 mg/L		1.00 ug/L	none

SOC MONITORED

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CHRYSENE	0.13 mg/L		0.10 ug/L	218-01-9
BENZO[B]FLUORANTHENE	0.00 mg/L		10.00 ug/L	205-99-2
BENZO[G,H,I]PERYLENE	0.73 mg/L		10.00 ug/L	191-24-2
BENZO[K]FLUORANTHENE	0.01 ug/L		10.00 ug/L	207-08-9
BROMACIL			0.05 ug/L	314-40-9
BUTACHLOR			0.05 ug/L	23184-66-9
BUTYL BENZYL PHTHALATE	4.89 mg/L		5.00 ug/L	85-68-7
CARBARYL	2.44 mg/L		0.01 ug/L	63-25-2
2,4,5-T	0.24 mg/L		0.05 ug/L	93-76-5
3-HYDROXYCARBOFURAN			0.05 ug/L	16655-82-6
ACENAPHTHENE	1.47 mg/L		5.00 ug/L	83-32-9
ACENAPHTHYLENE	1.47 mg/L		5.00 ug/L	208-96-8
ALDRIN	0.00 mg/L		0.10 ug/L	309-00-2
ANTHRACENE	7.33 mg/L		5.00 ug/L	120-12-7
BENTAZON			0.05 ug/L	25057-89-0
BENZO[A]ANTHRACENE	0.00 mg/L		10.00 ug/L	56-55-3
PHENANTHRENE			5.00 ug/L	85-01-8
PROMETON			0.01 ug/L	1610-18-0
PROPACHLOR			0.01 ug/L	1918-16-7
PYRENE	0.73 mg/L		0.10 ug/L	129-00-0
TRIFLURALIN	0.12 mg/L		0.01 ug/L	1582-09-8
DIBENZ[A,H]ANTHRACENE	0.00 mg/L		10.00 ug/L	53-70-3
DICAMBA	0.73 mg/L		0.05 ug/L	1918-00-9
DIELDRIN	0.00 mg/L		0.01 ug/L	60-57-1
DIETHYL PHTHALATE	19.55 mg/L		5.00 ug/L	84-66-2
DIMETHYL PHTHALATE	19.55 mg/L		5.00 ug/L	131-11-3
DI-N-BUTYL PHTHALATE	2.44 mg/L		5.00 ug/L	84-74-2
FLUORENE	0.98 mg/L		0.10 ug/L	86-73-7

INDENO[1,2,3-CD]PYRENE		10.00 ug/L	193-39-5
LAMBAST		0.05 ug/L	845-52-3
METHIOCARB		0.05 ug/L	2032-65-7
METHOMYL	0.61 mg/L	0.05 ug/L	16752-77-5
METOLACHLOR	3.67 mg/L	0.01 ug/L	51218-45-2
METRIBUZIN		0.01 ug/L	21087-64-9

SOC REGULATED

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CHLORDANE	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	57-74-9
CHLORDANE (ALPHA-CHLORDANE)	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	5103-71-9
CHLORDANE (GAMMA-CHLORDANE)	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	12789-03-6
CHLORDANE (TRANS-NONACHLOR)	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	39765-80-5
DALAPON	0.20 mg/L	\$290.103(3)(A)	0.05 mg/L	75-99-0
CARBOFURAN	0.04 mg/L	\$290.103(3)(A)	0.01 ug/L	1563-66-2
2,3,7,8-TCDD	0.00 mg/L	\$290.103(3)(A)	0.10 mg/L	1746-01-6
2,4,5-TP	0.05 mg/L	\$290.103(3)(A)	0.05 ug/L	93-72-1
2,4-D	0.07 mg/L	\$290.103(3)(A)	0.15 ug/L	94-75-7
ALACHLOR	0.00 mg/L	\$290.103(3)(A)	0.01 ug/L	15972-60-8
ALDICARB	0.01 mg/L	\$290.103(3)(A)	0.55 ug/L	116-06-3
ALDICARB SULFONE	0.01 mg/L	\$290.103(3)(A)	0.10 ug/L	1646-88-4
ALDICARB SULFOXIDE	0.01 mg/L	\$290.103(3)(A)	0.05 ug/L	1646-87-3
ATRAZINE	0.00 mg/L	\$290.103(3)(A)	0.01 ug/L	1912-24-9
BENZO(A)PYRENE	0.00 mg/L	\$290.103(3)(A)	10.00 ug/L	50-32-8
PICLORAM	0.50 mg/L	\$290.103(3)(A)	0.05 ug/L	1918-02-1
SIMAZINE	0.00 mg/L		0.01 ug/L	122-34-9
TOXAPHENE	0.00 mg/L	\$290.103(3)(A)	2.00 ug/L	8001-35-2
DI-(2-ETHYLHEXYL)ADIPATE	0.40 mg/L	\$290.103(3)(A)	5.00 ug/L	103-23-1
DI-(2-ETHYLHEXYL)PHthalATE	0.01 mg/L	\$290.103(3)(A)	5.00 ug/L	117-81-7
DIBROMOCHLOROPROPANE	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	67708-83-2
DINoseb	0.01 mg/L	\$290.103(3)(A)	0.05 ug/L	88-85-7
DIQUAT	0.02 mg/L	\$290.103(3)(A)	0.05 mg/L	2764-72-9
ENDOTHALL	0.10 mg/L	\$290.103(3)(A)	0.05 ug/L	145-73-3
ENDRIN	0.00 mg/L	\$290.103(3)(A)	0.05 ug/L	72-20-8
ETHYLENE DIBROMIDE	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	106-93-4
GLYPHOSATE	0.70 mg/L	\$290.103(3)(A)	0.05 ug/L	1071-83-6
HEPTACHLOR	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	76-44-8
HEPTACHLOR EPOXIDE	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	1024-57-3
HEXACHLOROBENZENE	0.00 mg/L	\$290.103(3)(A)	5.00 ug/L	118-74-1
HEXACHLOROCYCLOPENTADIENE	0.05 mg/L	\$290.103(3)(A)	5.00 ug/L	77-47-4
LINDANE	0.00 mg/L	\$290.103(3)(A)	0.01 ug/L	58-89-9
METHOXYCHLOR	0.04 mg/L	\$290.103(3)(A)	0.05 ug/L	72-43-5
OXAMYL	0.20 mg/L	\$290.103(3)(A)	0.05 ug/L	23135-22-0
PCBs	0.00 mg/L	\$290.103(3)(A)	0.10 ug/L	53469-21-9
PENTACHLOROPHENOL	0.00 mg/L	\$290.103(3)(A)	30.00 ug/L	87-86-5

THM

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CHLOROFORM	0.10 mg/L	\$290.116	0.10 ug/L	67-66-3
BROMOCHLOROMETHANE	0.98 mg/L		0.10 ug/L	74-97-5
BROMODICHLOROMETHANE	0.10 mg/L	\$290.116	0.10 ug/L	75-27-4
BROMOFORM	0.10 mg/L	\$290.116	0.10 ug/L	75-25-2
BROMOMETHANE	0.03 mg/L		0.10 ug/L	74-83-9
DIBROMOCHLOROMETHANE	0.10 mg/L	\$290.116	0.10 ug/L	124-48-1

VOC - OTHER COMPOUNDS

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CARBON DISULFIDE	2.44 mg/L		0.10 ug/L	75-15-0
2-HEXANONE	1.47 mg/L		0.10 ug/L	591-78-6
4-METHYL-2-PENTANONE (MIBK)	1.96 mg/L		0.10 ug/L	108-10-1
ACETONE	2.44 mg/L		0.10 ug/L	67-64-1
ACRYLONITRILE	0.00 mg/L		0.10 ug/L	107-13-1
TETRAHYDROFURAN	0.12 mg/L		0.10 ug/L	109-99-9
VINYL ACETATE	24.44 mg/L		0.10 ug/L	108-05-4
ETHYL METHACRYLATE	2.20 mg/L		0.10 ug/L	97-63-2
METHYL IODIDE (IodomethANE)	0.03 mg/L		0.10 ug/L	74-88-4
METHYL ETHYL KETONE	14.67 mg/L		0.10 ug/L	78-93-3
METHYL METHACRYLATE	34.22 mg/L		0.10 ug/L	80-62-6

METHYL-T-BUTYL ETHER	0.24 mg/L	0.10 ug/L	1634-04-4
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VOC MONITORED

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CHLOROETHANE	9.78 mg/L		0.10 ug/L	75-00-3
CHLOROMETHANE	0.07 mg/L		0.10 ug/L	74-87-3
CIS-1,3-DICHLOROPROPENE	0.00 mg/L		0.10 ug/L	10061-01-5
BROMOBENZENE	0.49 mg/L		0.10 ug/L	108-86-1
2-CHLOROTOLUENE	0.49 mg/L		0.10 ug/L	95-49-8
4-CHLOROTOLUENE	0.49 mg/L		0.10 ug/L	106-43-4
4-ISOPROPYLTOLUENE	2.44 mg/L		0.10 ug/L	99-87-6
1,1,1,2-TETRACHLOROETHANE	0.04 mg/L		0.10 ug/L	630-20-6
1,1,2,2-TETRACHLOROETHANE	0.17 mg/L		0.10 ug/L	79-34-5
1,1-DICHLOROETHANE	2.44 mg/L		0.10 ug/L	75-34-3
1,1-DICHLOROPROPENE	0.01 mg/L		0.10 ug/L	563-58-6
1,2,3-TRICHLOROBENZENE	0.07 mg/L		0.10 ug/L	87-61-6
1,2,3-TRICHLOROPROPANE	0.00 mg/L		0.10 ug/L	96-18-4
1,2,4-TRIMETHYLBENZENE	1.22 mg/L		0.10 ug/L	95-63-6
1,3,5-TRIMETHYLBENZENE	1.22 mg/L		0.10 ug/L	108-67-8
1,3-DICHLOROBENZENE	0.73 mg/L		0.10 ug/L	541-73-1
1,3-DICHLOROPROPANE	0.01 mg/L		0.10 ug/L	142-28-9
2,2-DICHLOROPROPANE			0.10 ug/L	594-20-7
S-BUTYLBENZENE	0.98 mg/L		0.10 ug/L	135-98-8
T-BUTYLBENZENE	0.98 mg/L		0.10 ug/L	98-06-6
TRANS-1,3-DICHLOROPROPENE	0.01 mg/L		0.10 ug/L	10061-02-6
TRICHLOROFLUOROMETHANE	7.33 mg/L		0.10 ug/L	75-69-4
DIBROMOMETHANE	0.12 mg/L		0.10 ug/L	74-95-3
DICHLORODIFLUOROMETHANE	4.89 mg/L		0.10 ug/L	75-71-8
HEXACHLOROBUTADIENE	0.00 µg/L		0.10 ug/L	87-68-3
ISOPROPYLBENZENE	2.44 mg/L		0.10 ug/L	98-82-8
M + P XYLENE			0.10 ug/L	106-42-3
NAPHTHALENE	0.49 mg/L		0.10 ug/L	91-20-3
N-BUTYLBENZENE	0.98 mg/L		0.10 ug/L	104-51-8
N-PROPYLBENZENE	0.98 mg/L		0.10 ug/L	103-65-1

VOC REGULATED

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CHLOROBENZENE (MONOCHLORBENZENE)	0.10 mg/L		0.10 ug/L	108-90-7
CIS-1,2-DICHLOROETHYLENE	0.07 mg/L	\$290.103(3)(B)	0.10 ug/L	156-59-2
CARBON TETRACHLORIDE	0.00 mg/L	\$290.103(3)(B)	0.10 ug/L	56-23-5
1,1,1-TRICHLOROETHANE	0.20 mg/L	\$290.103(3)(B)	0.10 ug/L	71-55-6
1,1,2-TRICHLOROETHANE	0.01 mg/L	\$290.103(3)(B)	0.10 ug/L	79-00-5
1,1-DICHLOROETHYLENE	0.01 mg/L	\$290.103(3)(B)	0.10 ug/L	75-35-4
1,2,4-TRICHLOROBENZENE	0.07 mg/L	\$290.103(3)(B)	0.10 ug/L	120-82-1
1,2-DICHLOROETHANE	0.01 mg/L	\$290.103(3)(B)	0.10 ug/L	107-06-2
1,2-DICHLOROPROPANE	0.01 mg/L	\$290.103(3)(B)	0.10 ug/L	78-87-5
BENZENE	0.01 mg/L	\$290.103(3)(B)	0.10 ug/L	71-43-2
P-XYLENE		\$290.103(3)(B)	0.10 ug/L	106-42-3
STYRENE	0.10 mg/L	\$290.103(3)(B)	0.10 ug/L	100-42-5
TETRACHLOROETHYLENE	0.01 mg/L	\$290.103(3)(B)	0.10 ug/L	127-18-4
TOLUENE	1.00 mg/L	\$290.103(3)(B)	0.10 ug/L	108-88-3
TRANS-1,2-DICHLOROETHYLENE	0.10 mg/L	\$290.103(3)(B)	0.10 ug/L	156-60-5
TRICHLOROETHYLENE	0.01 mg/L	\$290.103(3)(B)	0.10 ug/L	79-01-6
VINYL CHLORIDE	0.00 mg/L	\$290.103(3)(B)	0.10 ug/L	75-01-4
XYLENES (TOTAL)	10.00 mg/L	\$290.103(3)(B)	0.10 ug/L	none
DICHLOROMETHANE	0.01 mg/L	\$290.103(3)(B)	0.10 ug/L	75-09-2
ETHYLBENZENE	0.70 mg/L	\$290.103(3)(B)	0.10 ug/L	100-41-4
MONOCHLOROBENZENE (CHLOROBENZENE)		\$290.103(3)(B)	0.10 ug/L	108-90-7
M-XYLENE	10.00 mg/L		0.10 mg/L	108-38-3
ORTHO-1,2-DICHLOROBENZENE	0.60 mg/L	\$290.103(3)(B)	0.10 ug/L	95-50-1
O-XYLENE		\$290.103(3)(B)	0.10 mg/L	95-47-6
PARA-1,4-DICHLOROBENZENE	0.08 mg/L	\$290.103(3)(B)	0.10 ug/L	106-46-7

Other

Contaminant Name	Drinking Water Standard	PWS Rule	TCEQ Threshold	CAS Number
CRYPTOSPORIDIUM PARVUM				
AROCLOR (PCB)			0.05 ug/L	53469-21-9
TOTAL ALPHA EMITTING RADIUM	5.00 mg/L	\$290.110		

TOTAL COLIFORM			
TOTAL TRIHALOMETHANE	0.10 mg/L	\$290.116	0.10 ug/L
TRIAZINES			
ESCHERICHIA COLI			
FECAL VIRUSES			
GIARDIA LAMBLIA			
P-ALKALINITY			

Map Legend

Water System Sources

Source Type

Source Type

 Surface Water

 Ground Water

Capture Zones

Travel Time

 2 Years

 5 Years

 10 Years

 20 Years

 50 Years

 100 Years

 Other

Truncated Watersheds



Potential Sources of Contamination

Type Description

 ANIMAL FEEDING OPERATION

 BUSINESS

 CEMETERY

 CHEMICAL PIPELINE

 CHEMICAL STORAGE

 CLASS I INJECTION WELL

 CLASS II INJECTION WELL

 CLASS III INJECTION WELL

 CLASS IV INJECTION WELL

 CLASS V INJECTION WELL

 GUN RANGE

 NATURAL RESOURCE PRODUCTION

 TRANSPORTATION

 WASTE

 WASTEWATER

API



