

Susceptibility Report for System ID 1010145

System Details

Water System ID	1010145
System Name	NITSCH & SON UTILITY
Address	8131 NORTHLINE DR HOUSTON, TX 770373927
County	HARRIS
Telephone	2814450337
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
G1010145A		457	549	200	001	Operational
G1010145B		461	553	250	001	Operational

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
1,2-DIPHENYLHYDRAZINE	----	High	High	----	----	----	High
1,3-DICHLOROPROPENE	----	High	High	----	----	----	High
2,4,6-TRICHLOROPHENOL	Low	High	High	----	----	----	High
2,4-DICHLOROPHENOL	----	High	High	----	----	----	High
2,4-DINITROPHENOL	----	High	Moderate	----	----	----	High
2,4-DINITROTOLUENE	----	High	High	----	----	----	High
2,6-DINITROTOLUENE	----	High	High	----	----	----	High
2-METHYLPHENOL	----	High	High	----	----	----	High
ACETOCHLOR	Low	High	Moderate	----	----	----	High
BORON	Low	High	High	----	----	----	High
PERCHLORATE	----	High	High	----	----	----	High
PROPAZINE	Low	High	Moderate	----	----	----	High
RDX	----	High	High	----	----	----	High
TERBACIL	Low	High	Moderate	----	----	----	High
TERBUFOS	Low	High	Moderate	----	----	----	High
CYANAZINE	Low	High	Moderate	----	----	----	High
DCPA DI-ACID DEGRADATE	Low	High	Moderate	----	----	----	High
DCPA MONO-ACID DEGRADATE	Low	High	Moderate	----	----	----	High
DDE	Low	High	High	----	----	----	High
DIAZINON	Low	High	High	----	----	----	High
DISULFOTON	Low	High	Moderate	----	----	----	High
DIURON	Low	High	Moderate	----	----	----	High
EPTC	Low	High	Moderate	----	----	----	High
FONOFOS	Low	High	Moderate	----	----	----	High
LINURON	Low	High	Moderate	----	----	----	High
MOLINATE	Low	High	Moderate	----	----	----	High
NITROBENZENE	----	High	High	----	----	----	High
ORGANOTINS	----	High	High	----	----	----	High

INORGANICS

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

ARSENIC	Low	High	Low	----	----	----	High
ASBESTOS	----	High	----	----	----	----	High
BARIUM	----	High	Low	----	----	----	High
BERYLLIUM	Low	High	----	----	----	----	High
BROMIDE	Low	High	High	----	----	----	High
SELENIUM	Low	High	Low	----	----	----	High
SILVER	Low	High	----	----	----	----	High
SULFATE	Low	High	Low	----	----	----	High
TDS	Low	High	High	----	----	----	High
THALLIUM	----	High	Low	----	----	----	High
CADMIUM	Low	High	----	----	----	----	High
CHLORIDE	Low	High	Moderate	----	----	----	High
CHROMIUM	Low	High	----	----	----	----	High
COPPER	Low	High	----	----	----	----	High
CYANIDE	----	High	High	----	----	----	High
FLUORIDE	Low	High	----	----	----	----	High
HYDROGEN SULFIDE	----	High	High	----	----	----	High
IRON	Low	High	Low	----	----	----	High
LEAD	Low	High	Low	----	----	----	High
MANGANESE	Low	High	Moderate	----	----	----	High
MERCURY	Low	High	Low	----	----	----	High
NICKEL	Low	High	Low	----	----	----	High
NITRATE	Low	High	Low	----	----	----	High
NITRATE+NITRITE	Low	High	Low	----	----	----	High
NITRITE	Low	High	Low	----	----	----	High
ZINC	----	High	Moderate	----	----	----	High

INORGANICS MONITORED

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

INORGANICS UNREGULATED

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

PHYSICAL

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

PHYSICAL PARAMETER

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

RADIOCHEM

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

RADIOCHEM UNREGULATED

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

SOC MONITORED

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

SOC REGULATED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
2,3,7,8-TCDD	----	High	----	----	----	----	High
2,4,5-TP	Low	High	High	----	----	----	High
2,4-D	Low	High	High	----	----	----	High
ALACHLOR	Low	High	High	----	----	----	High
ALDICARB	Low	High	Moderate	----	----	----	High
ALDICARB SULFONE	Low	High	Moderate	----	----	----	High
ALDICARB SULFOXIDE	Low	High	Moderate	----	----	----	High
ATRAZINE	Low	High	High	----	----	----	High
BENZO(A)PYRENE	----	High	High	----	----	----	High
PCBs	----	High	High	----	----	----	High
PENTACHLOROPHENOL	----	High	High	----	----	----	High
PICLORAM	Low	High	Moderate	----	----	----	High
SIMAZINE	Low	High	High	----	----	----	High
CARBOFURAN	Low	High	Moderate	----	----	----	High
CHLORDANE	Low	High	High	----	----	----	High
CHLORDANE (ALPHA-CHLORDANE)	Low	High	High	----	----	----	High
CHLORDANE (GAMMA-CHLORDANE)	Low	High	High	----	----	----	High
CHLORDANE (TRANS-NONACHLOR)	Low	High	High	----	----	----	High
DALAPON	Low	High	Moderate	----	----	----	High
DI-(2-ETHYLHEXYL)ADIPATE	Low	High	High	----	----	----	High
DI-(2-ETHYLHEXYL)PHTHALATE	Low	High	High	----	----	----	High
DIBROMOCHLOROPROPANE	----	High	Moderate	----	----	----	High

DINOSEB	Low	High	Moderate	----	----	----	High
DIQUAT	Low	High	Moderate	----	----	----	High
ENDOTHALL	Low	High	Moderate	----	----	----	High
ENDRIN	Low	High	High	----	----	----	High
ETHYLENE DIBROMIDE	----	High	----	----	----	----	High
GLYPHOSATE	Low	High	High	----	----	----	High
HEPTACHLOR	Low	High	Moderate	----	----	----	High
HEPTACHLOR EPOXIDE	Low	High	Moderate	----	----	----	High
HEXACHLOROBENZENE	----	High	High	----	----	----	High
HEXACHLOROCYCLOPENTADIENE	----	High	High	----	----	----	High
LINDANE	Low	High	Moderate	----	----	----	High
METHOXYCHLOR	Low	High	Moderate	----	----	----	High
OXAMYL	Low	High	Moderate	----	----	----	High
TOXAPHENE	Low	High	Moderate	----	----	----	High

THM

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

VOC - OTHER COMPOUNDS

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

VOC MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
1,1,1,2-TETRACHLOROETHANE	----	High	High	----	----	----	High
1,1,2,2-TETRACHLOROETHANE	Low	High	Moderate	----	----	----	High
1,1-DICHLOROETHANE	----	High	High	----	----	----	High
1,1-DICHLOROPROPENE	----	High	High	----	----	----	High
1,2,3-TRICHLOROBENZENE	----	High	High	----	----	----	High
1,2,3-TRICHLOROPROPANE	----	High	High	----	----	----	High
1,2,4-TRIMETHYLBENZENE	Low	High	High	----	----	----	High
1,3,5-TRIMETHYLBENZENE	----	High	High	----	----	----	High
1,3-DICHLOROBENZENE	----	High	High	----	----	----	High
1,3-DICHLOROPROPANE	----	High	Moderate	----	----	----	High
2,2-DICHLOROPROPANE	----	High	----	----	----	----	High
2-CHLOROTOLUENE	Low	High	High	----	----	----	High
4-CHLOROTOLUENE	----	High	High	----	----	----	High
4-ISOPROPYLTOLUENE	----	High	High	----	----	----	High
BROMOBENZENE	----	High	----	----	----	----	High
S-BUTYLBENZENE	----	High	High	----	----	----	High
T-BUTYLBENZENE	----	High	High	----	----	----	High
CHLOROETHANE	Low	High	High	----	----	----	High
CHLOROMETHANE	----	High	High	----	----	----	High
CIS-1,3-DICHLOROPROPENE	----	High	High	----	----	----	High
DIBROMOMETHANE	----	High	High	----	----	----	High
DICHLORODIFLUOROMETHANE	Low	High	High	----	----	----	High
HEXACHLOROBUTADIENE	----	High	High	----	----	----	High

ISOPROPYLBENZENE	----	High	High	----	----	----	High
M + P XYLENE	Low	High	High	----	----	----	High
NAPHTHALENE	Low	High	High	----	----	----	High
N-BUTYLBENZENE	----	High	High	----	----	----	High
N-PROPYLBENZENE	----	High	High	----	----	----	High
TRANS-1,3-DICHLOROPROPENE	----	High	High	----	----	----	High
TRICHLOROFLUOROMETHANE	Low	High	High	----	----	----	High

VOC REGULATED

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

Other

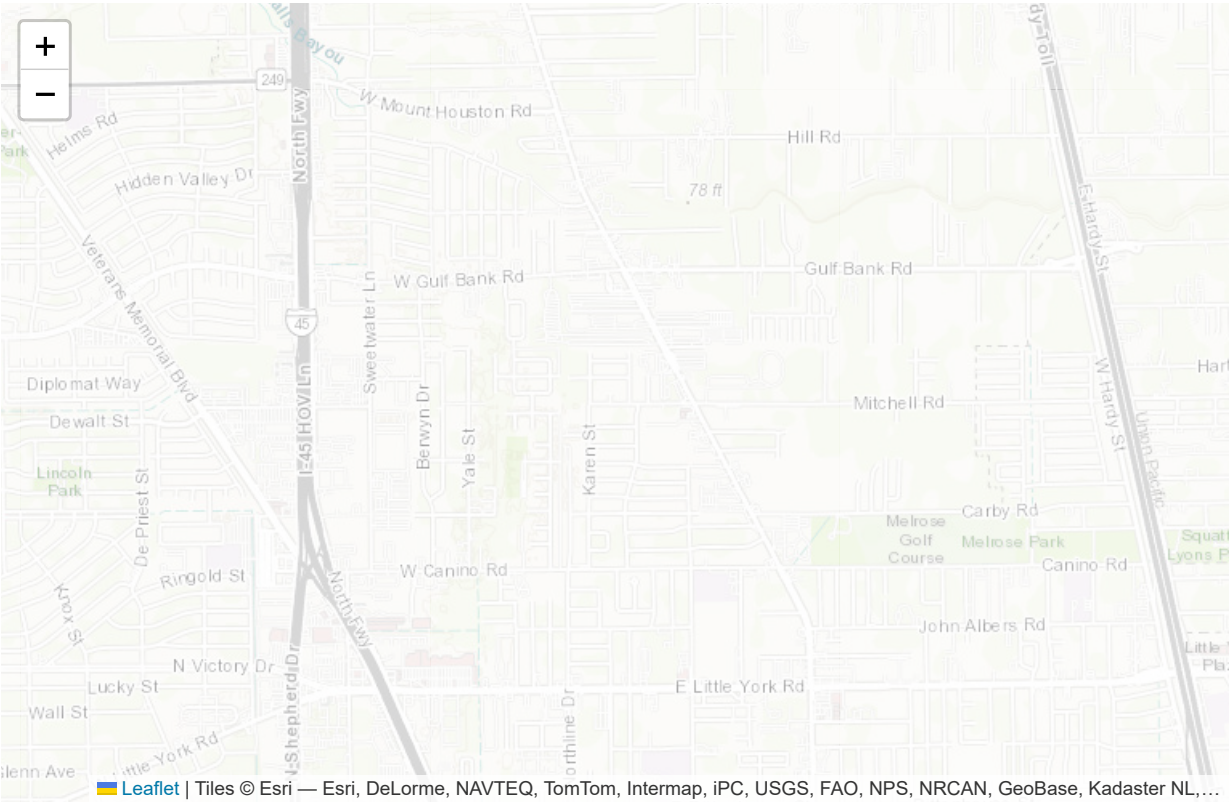
Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
AROCLOR (PCB)	Low	High	Moderate	----	----	----	High
P-ALKALINITY	----	High	----	----	----	----	High
TOTAL ALPHA EMITTING RADIUM	----	High	High	----	----	----	High
CRYPTOSPORIDIUM PARVUM	Low	High	Moderate	----	----	----	High
ESCHERICHIA COLI	Low	High	Moderate	----	----	----	High
FECAL VIRUSES	Low	High	Moderate	----	----	----	High
GIARDIA LAMBLIA	Low	High	Moderate	----	----	----	High
TOTAL COLIFORM	Low	High	Moderate	----	----	----	High
TOTAL TRIHALOMETHANE	----	High	----	----	----	----	High
TRIAZINES	Low	High	Moderate	----	----	----	High

PWS System Susceptibility Summary: Contaminants with MODERATE Susceptibility

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

No contaminants with moderate susceptibility.

Source Details: G1010145A



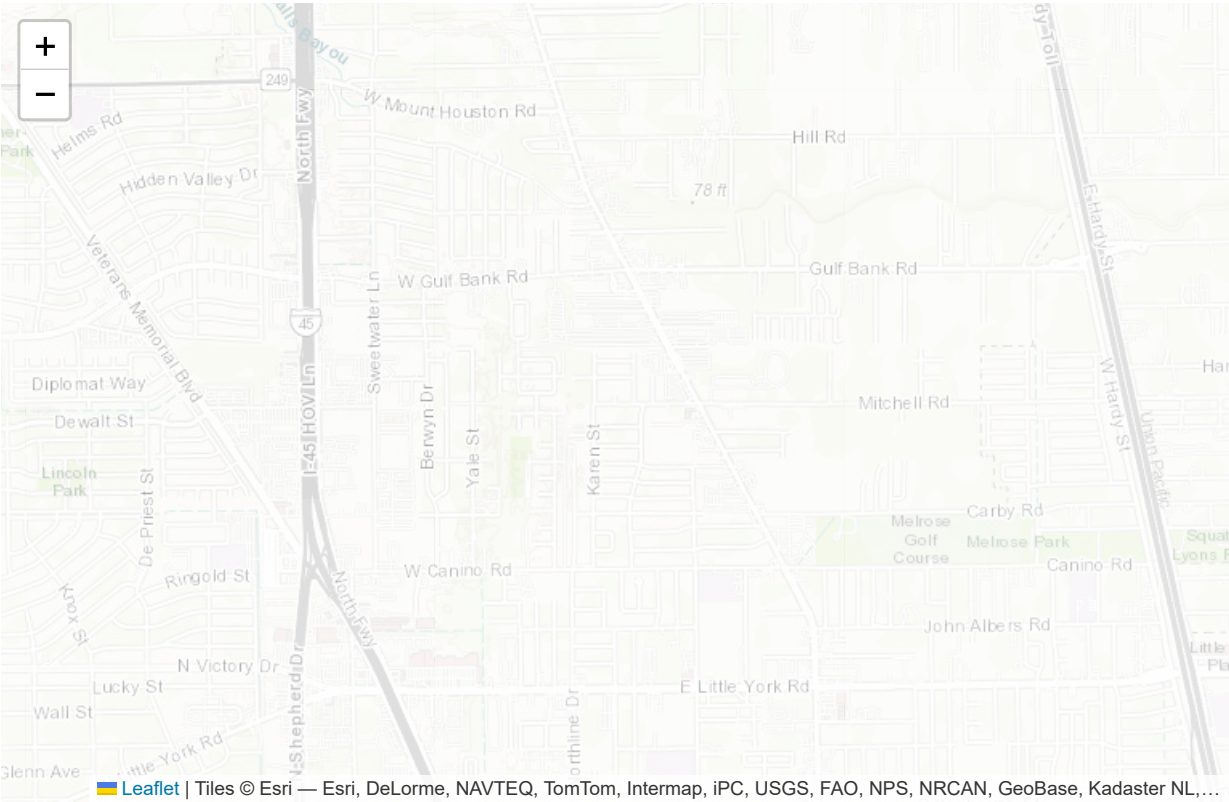
Contaminants with HIGH Susceptibility

No contaminants with high susceptibility.

Contaminants with MODERATE Susceptibility

No contaminants with moderate susceptibility.

Source Details: G1010145B



Contaminants with HIGH Susceptibility

No contaminants with high susceptibility.

Contaminants with MODERATE Susceptibility

No contaminants with moderate susceptibility.

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

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 (MONOCHLOROBENZENE)	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



