

Susceptibility Report for System ID 1450006

System Details

Water System ID	1450006
System Name	HILLTOP LAKES WSC
Address	PO BOX 1460 HILLTOP LAKES, TX 778711460
County	LEON
Telephone	9368552995
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
G1450006D		378	454	52	002	Operational
G1450006E		410	456	47	002	Operational
G1450006G		463	483	130	003	Operational
G1450006I		355	435	62	004	Operational
G1450006T		402	465	160	002	Operational
G1450006U		397	447	90	003	Operational
G1450006V		400	460	45	002	Operational
G1450006W		420	500	150	003	Operational

Surface Water Sources

Source ID	Type	Surface Water Body	Entry Point	Operational Status
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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	Moderate	----	----	High	High
CYANAZINE	----	Moderate	High	----	----	----	High
DCPA DI-ACID DEGRADATE	----	Moderate	High	----	----	----	High
DCPA MONO-ACID DEGRADATE	----	Moderate	High	----	----	----	High
DDE	----	Moderate	High	----	----	----	High
DIAZINON	----	Moderate	High	----	----	----	High
1,3-DICHLOROPROPENE	----	Moderate	High	----	----	----	High
2,4-DICHLOROPHENOL	----	Moderate	High	----	----	----	High
2,4-DINITROPHENOL	----	Moderate	High	----	----	----	High
ACETOCHLOR	----	Moderate	High	----	----	----	High
TERBACIL	----	Moderate	High	----	----	----	High
TERBUFOS	----	Moderate	High	----	----	----	High
DISULFOTON	----	Moderate	High	----	----	----	High
DIURON	----	Moderate	High	----	----	----	High
EPTC	----	Moderate	High	----	----	----	High
FONOFOS	----	Moderate	High	----	----	----	High
LINURON	----	Moderate	High	----	----	----	High
MOLINATE	----	Moderate	High	----	----	----	High
PROPAZINE	----	Moderate	High	----	----	----	High

INORGANICS

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
ANTIMONY	---	Moderate	High	---	---	---	High
ARSENIC	Low	Moderate	High	---	---	---	High
BARIUM	Low	Moderate	High	---	---	---	High
CADMIUM	Low	Moderate	High	---	---	---	High
CHROMIUM	Low	Moderate	High	---	---	---	High
CYANIDE	---	Moderate	High	---	---	---	High
SELENIUM	Low	Moderate	High	---	---	---	High
TDS	Low	Moderate	High	---	---	High	High
MERCURY	Low	Moderate	High	---	---	---	High
ZINC	---	Moderate	High	---	---	High	High

INORGANICS UNREGULATED

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

PHYSICAL PARAMETER

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

SOC MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
ANTHRACENE	Low	Moderate	High	Low	---	---	High
BENTAZON	---	Moderate	High	---	---	---	High
BROMACIL	---	Moderate	High	---	---	---	High
BUTACHLOR	---	Moderate	High	---	---	---	High
CARBARYL	---	Moderate	High	---	---	---	High
CHRYSENE	Low	Moderate	High	Low	---	---	High
DICAMBA	---	Moderate	High	---	---	---	High
DIELDRIN	---	Moderate	High	---	---	---	High
DIETHYL PHTHALATE	---	Moderate	High	---	---	---	High
DIMETHYL PHTHALATE	---	Moderate	High	---	---	---	High
2,4,5-T	---	Moderate	High	---	---	---	High
3-HYDROXYCARBOFURAN	---	Moderate	High	---	---	---	High
ACENAPHTHENE	Low	Moderate	High	Low	---	---	High
ALDRIN	---	Moderate	High	---	---	---	High
TRIFLURALIN	---	Moderate	High	---	---	---	High
LAMBAST	---	Moderate	High	---	---	---	High
METHIOCARB	---	Moderate	High	---	---	---	High
METHOMYL	---	Moderate	High	---	---	---	High
METOLACHLOR	---	Moderate	High	---	---	---	High
METRIBUZIN	---	Moderate	High	---	---	---	High
PROMETON	---	Moderate	High	---	---	---	High
PROPACHLOR	---	Moderate	High	---	---	---	High

SOC REGULATED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
ATRAZINE	---	Moderate	High	---	---	---	High
BENZO(A)PYRENE	Low	Moderate	High	Low	---	---	High
CARBOFURAN	---	Moderate	High	---	---	---	High

CHLORDANE	----	Moderate	High	----	----	----	High
CHLORDANE (ALPHA-CHLORDANE)	----	Moderate	High	----	----	----	High
CHLORDANE (GAMMA-CHLORDANE)	----	Moderate	High	----	----	----	High
CHLORDANE (TRANS-NONACHLOR)	----	Moderate	High	----	----	----	High
DALAPON	----	Moderate	High	----	----	----	High
DI-(2-ETHYLHEXYL)ADIPATE	----	Moderate	High	----	----	----	High
DI-(2-ETHYLHEXYL)PHTHALATE	----	Moderate	High	----	----	----	High
DIBROMOCHLOROPROPANE	----	Moderate	High	----	----	----	High
DINOSEB	----	Moderate	High	----	----	----	High
DIQUAT	----	Moderate	High	----	----	----	High
2,4,5-TP	----	Moderate	High	----	----	----	High
2,4-D	----	Moderate	High	----	----	----	High
ALACHLOR	----	Moderate	High	----	----	----	High
ALDICARB	----	Moderate	High	----	----	----	High
ALDICARB SULFONE	----	Moderate	High	----	----	----	High
ALDICARB SULFOXIDE	----	Moderate	High	----	----	----	High
SIMAZINE	----	Moderate	High	----	----	----	High
TOXAPHENE	----	Moderate	High	----	----	----	High
ENDOTHALL	----	Moderate	High	----	----	----	High
ENDRIN	----	Moderate	High	----	----	----	High
GLYPHOSATE	----	Moderate	High	----	----	----	High
HEPTACHLOR	----	Moderate	High	----	----	----	High
HEPTACHLOR EPOXIDE	----	Moderate	High	----	----	----	High
HEXACHLOROENZENE	----	Moderate	High	----	----	----	High
HEXACHLOROCYCLOPENTADIENE	----	Moderate	High	----	----	----	High
LINDANE	----	Moderate	High	----	----	----	High
METHOXYCHLOR	----	Moderate	High	----	----	----	High
OXAMYL	----	Moderate	High	----	----	----	High
PENTACHLOROPHENOL	----	Moderate	High	----	----	----	High
PICLORAM	----	Moderate	High	----	----	----	High

THM

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

VOC - OTHER COMPOUNDS

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
CARBON DISULFIDE	----	Moderate	High	----	----	----	High
METHYL IODIDE (Iodomethane)	----	Moderate	High	----	----	----	High
METHYL-T-BUTYL ETHER	Low	Moderate	High	----	----	----	High

VOC MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
CHLOROETHANE	----	Moderate	High	----	----	----	High
CIS-1,3-DICHLOROPROPENE	----	Moderate	High	----	----	----	High
DICHLORODIFLUOROMETHANE	----	Moderate	High	----	----	----	High
1,1,2,2-TETRACHLOROETHANE	----	Moderate	High	----	----	----	High
1,3-DICHLOROBENZENE	----	Moderate	High	----	----	----	High
1,3-DICHLOROPROPANE	----	Moderate	High	----	----	----	High
2-CHLOROTOLUENE	----	Moderate	High	----	----	----	High
TRANS-1,3-DICHLOROPROPENE	----	Moderate	High	----	----	----	High

TRICHLOROFLUOROMETHANE	----	Moderate	High	----	----	----	High
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VOC REGULATED

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

Other

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
AROCLOR (PCB)	----	Moderate	High	----	----	----	High
TRIAZINES	----	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	Moderate	----	----	----	Moderate
2,4,6-TRICHLOROPHENOL	----	Moderate	Moderate	----	----	----	Moderate
2,4-DINITROTOLUENE	----	Moderate	Moderate	----	----	----	Moderate
2,6-DINITROTOLUENE	----	Moderate	Moderate	----	----	----	Moderate
2-METHYLPHENOL	----	Moderate	Moderate	----	----	----	Moderate
RDX	----	Moderate	Moderate	----	----	----	Moderate
NITROBENZENE	----	Moderate	Moderate	----	----	----	Moderate
ORGANOTINS	----	Moderate	Moderate	----	----	----	Moderate
PERCHLORATE	----	Moderate	Moderate	----	----	----	Moderate

INORGANICS

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
ASBESTOS	----	Moderate	----	----	----	----	Moderate
BERYLLIUM	----	Moderate	Moderate	----	----	----	Moderate
BROMIDE	Low	Moderate	Moderate	----	----	----	Moderate
CHLORIDE	Low	Moderate	Moderate	----	----	----	Moderate

COPPER	----	Moderate	Moderate	----	----	----	Moderate
ALUMINUM	----	Moderate	Moderate	----	----	----	Moderate
SILVER	----	Moderate	Moderate	----	----	----	Moderate
SULFATE	Low	Moderate	Low	----	----	----	Moderate
THALLIUM	----	Moderate	Moderate	----	----	----	Moderate
FLUORIDE	Low	Moderate	----	----	----	----	Moderate
HYDROGEN SULFIDE	Low	Moderate	Moderate	----	----	----	Moderate
IRON	----	Moderate	Moderate	----	----	----	Moderate
LEAD	----	Moderate	Moderate	----	----	----	Moderate
MANGANESE	----	Moderate	Moderate	----	----	----	Moderate
NICKEL	----	Moderate	Moderate	----	----	----	Moderate
NITRATE	Low	Moderate	Low	----	----	----	Moderate
NITRATE+NITRITE	----	Moderate	Low	----	----	----	Moderate
NITRITE	----	Moderate	Low	----	----	----	Moderate

INORGANICS MONITORED

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

INORGANICS UNREGULATED

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

PHYSICAL

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

RADIOCHEM

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

RADIOCHEM UNREGULATED

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

SOC MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
BENZO[A]ANTHRACENE	Low	Moderate	Low	Low	----	----	Moderate

BENZO[B]FLUORANTHENE	----	Moderate	Moderate	----	----	----	Moderate
BENZO[G,H,I]PERYLENE	----	Moderate	Moderate	----	----	----	Moderate
BENZO[K]FLUORANTHENE	----	Moderate	----	----	----	----	Moderate
BUTYL BENZYL PHTHALATE	----	Moderate	Moderate	----	----	----	Moderate
DIBENZO[A,H]ANTHRACENE	Low	Moderate	Low	Low	----	----	Moderate
DI-N-BUTYL PHTHALATE	----	Moderate	Moderate	----	----	----	Moderate
ACENAPHTHYLENE	----	Moderate	Moderate	----	----	----	Moderate
PYRENE	Low	Moderate	Moderate	Low	----	----	Moderate
FLUORENE	Low	Moderate	Moderate	Low	----	----	Moderate
INDENO[1,2,3,CD]PYRENE	----	Moderate	----	----	----	----	Moderate
PHENANTHRENE	----	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
ETHYLENE DIBROMIDE	----	Moderate	----	----	----	----	Moderate
PCBs	----	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	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	Moderate	----	----	----	Moderate
4-METHYL-2-PENTANONE (MIBK)	----	Moderate	Moderate	----	----	----	Moderate
ACETONE	Low	Moderate	Moderate	----	----	----	Moderate
ACRYLONITRILE	----	Moderate	Moderate	----	----	----	Moderate
TETRAHYDROFURAN	----	Moderate	Moderate	----	----	----	Moderate
ETHYL METHACRYLATE	----	Moderate	Moderate	----	----	----	Moderate
METHYL ETHYL KETONE	----	Moderate	Moderate	----	----	----	Moderate
METHYL METHACRYLATE	----	Moderate	Moderate	----	----	----	Moderate
VINYL ACETATE	----	Moderate	Moderate	----	----	----	Moderate

VOC MONITORED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
BROMOBENZENE	----	Moderate	----	----	----	----	Moderate
CHLOROMETHANE	----	Moderate	Moderate	----	----	----	Moderate
DIBROMOMETHANE	----	Moderate	Moderate	----	----	----	Moderate
1,1,1,2- TETRACHLOROETHANE	----	Moderate	Moderate	----	----	----	Moderate
1,1-DICHLOROETHANE	----	Moderate	Moderate	----	----	----	Moderate
1,1-DICHLOROPROPENE	----	Moderate	Moderate	----	----	----	Moderate
1,2,3-TRICHLOROBENZENE	----	Moderate	Moderate	----	----	----	Moderate
1,2,3-TRICHLOROPROPANE	----	Moderate	Moderate	----	----	----	Moderate
1,2,4-TRIMETHYLBENZENE	Low	Moderate	Moderate	Low	----	----	Moderate
1,3,5-TRIMETHYLBENZENE	Low	Moderate	Moderate	Low	----	----	Moderate
2,2-DICHLOROPROPANE	----	Moderate	----	----	----	----	Moderate

4-CHLOROTOLUENE	----	Moderate	Moderate	----	----	----	Moderate
4-ISOPROPYLTOLUENE	Low	Moderate	Moderate	Low	----	----	Moderate
S-BUTYLBENZENE	Low	Moderate	Moderate	Low	----	----	Moderate
T-BUTYLBENZENE	Low	Moderate	Low	Low	----	----	Moderate
HEXACHLOROBUTADIENE	----	Moderate	Moderate	----	----	----	Moderate
ISOPROPYLBENZENE	Low	Moderate	Moderate	Low	----	----	Moderate
M + P XYLENE	Low	Moderate	Moderate	Low	----	----	Moderate
NAPHTHALENE	Low	Moderate	Moderate	Low	----	----	Moderate
N-BUTYLBENZENE	Low	Moderate	Low	Low	----	----	Moderate
N-PROPYLBENZENE	Low	Moderate	Low	Low	----	----	Moderate

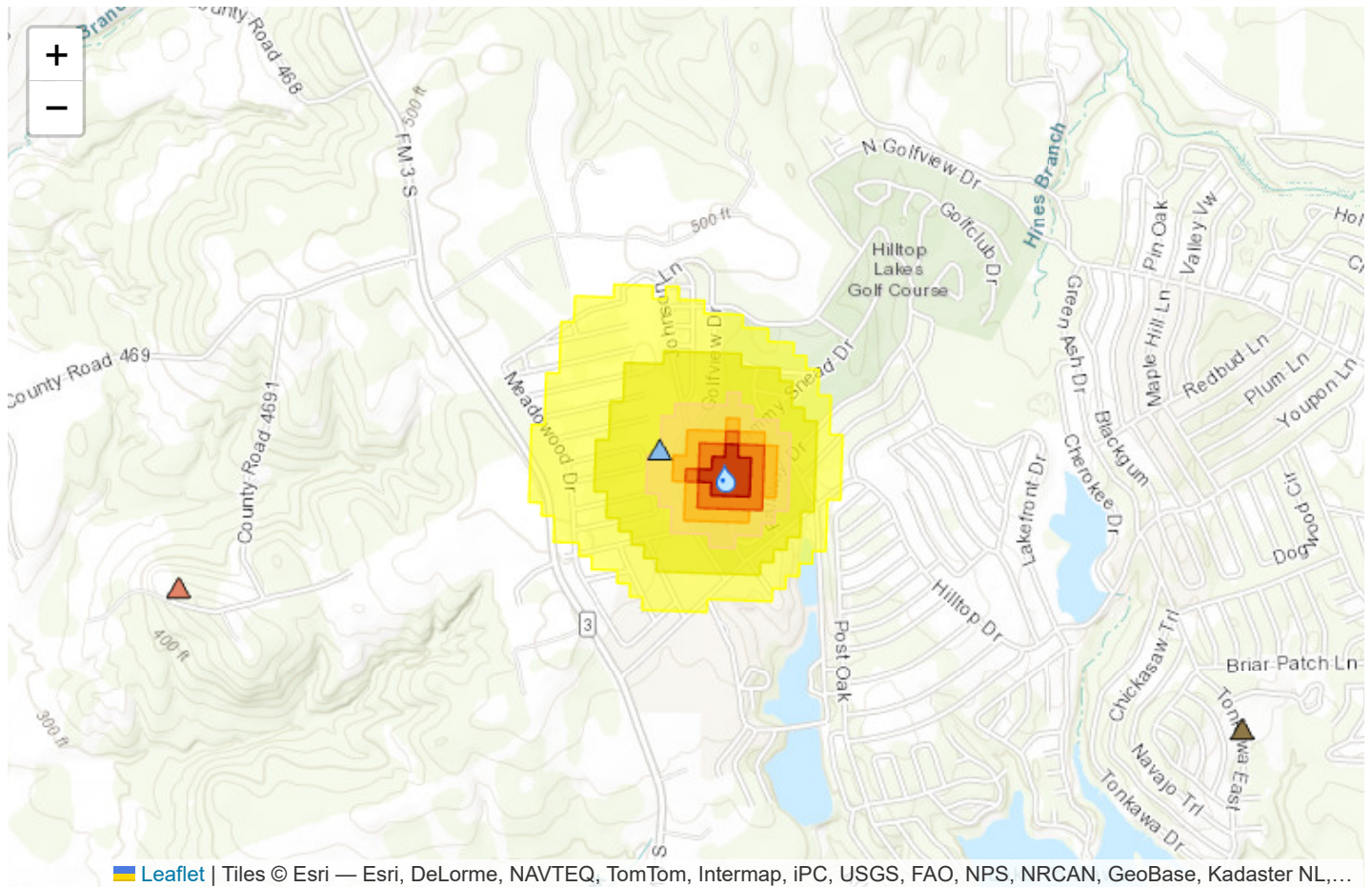
VOC REGULATED

Contaminant Name	Structural Integrity	Aquifer/Watershed Properties	Nonpoint Source	Point Source	Area Primary Influence	Contaminant Occurrence	Summary
STYRENE	----	Moderate	Moderate	----	----	----	Moderate
MONOCHLOROBENZENE (CHLOROBENZENE)	----	Moderate	Moderate	----	----	----	Moderate
M-XYLENE	Low	Moderate	Moderate	Low	----	----	Moderate
O-XYLENE	Low	Moderate	Moderate	Low	----	----	Moderate
P-XYLENE	Low	Moderate	Moderate	Low	----	----	Moderate

Other

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

Source Details: G1450006D



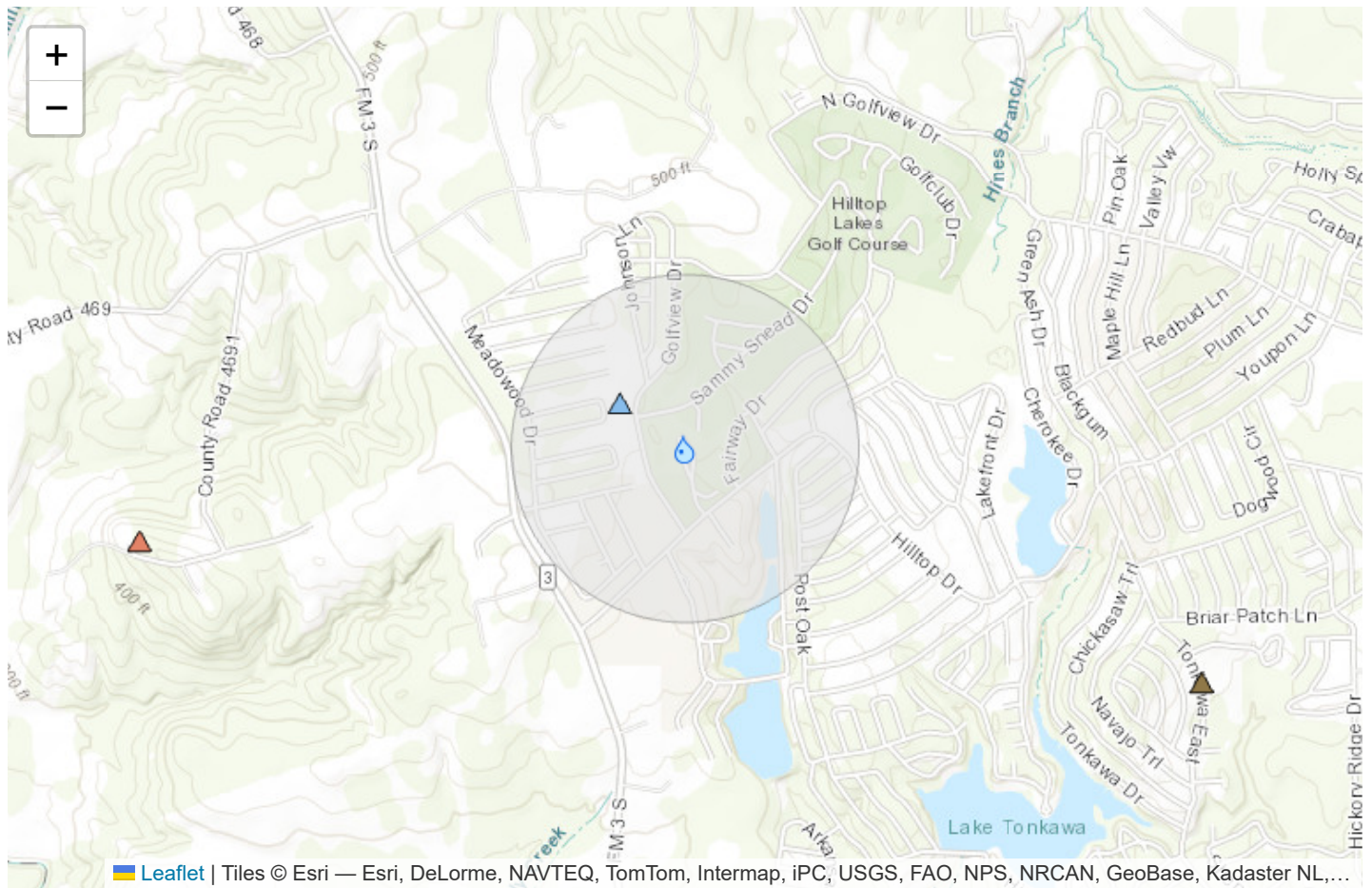
Contaminants with HIGH Susceptibility

No contaminants with high susceptibility.

Contaminants with MODERATE Susceptibility

No contaminants with moderate susceptibility.

Source Details: G1450006E



Leaflet | Tiles © Esri — Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, Kadaster NL,...

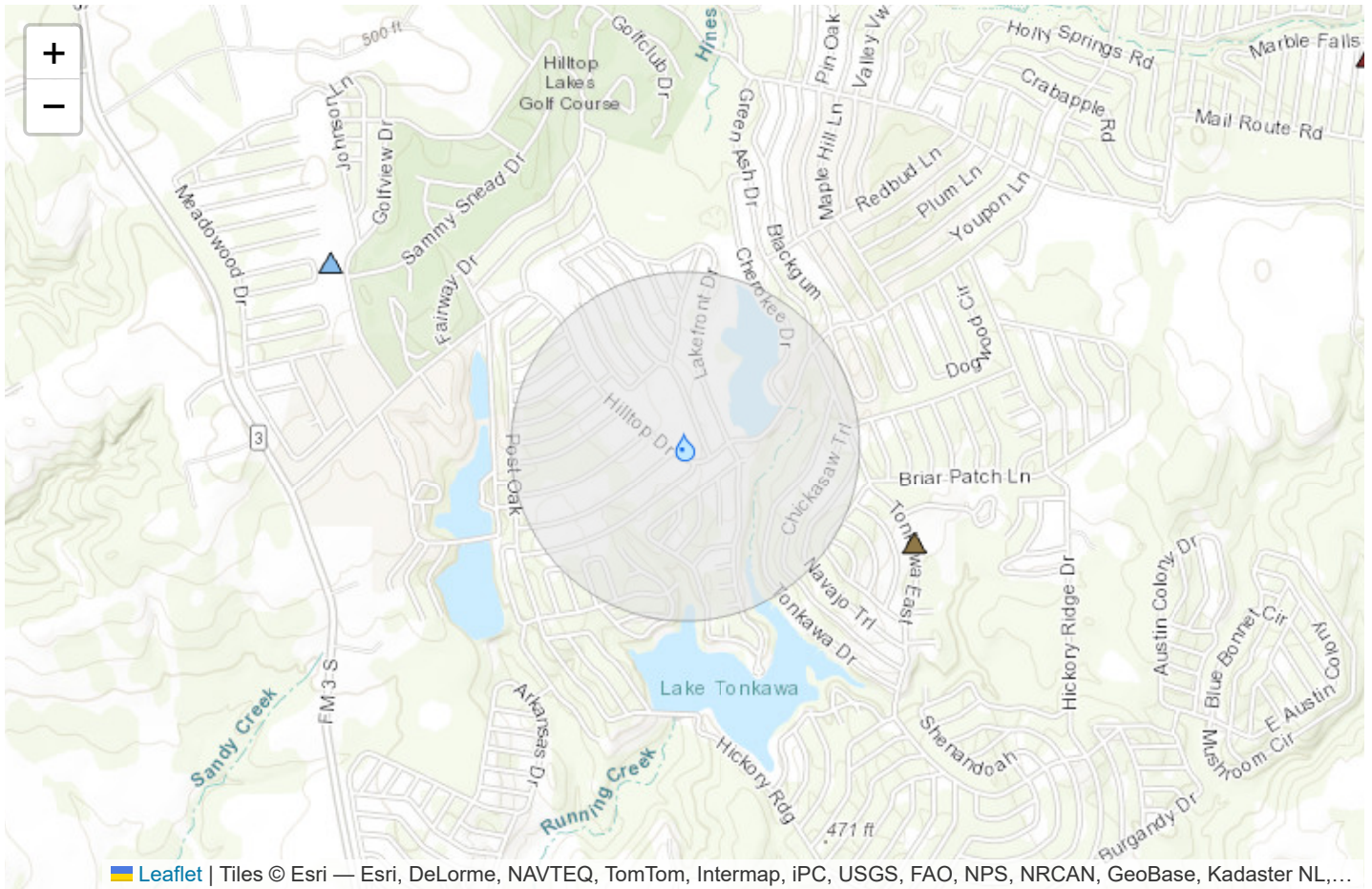
Contaminants with HIGH Susceptibility

No contaminants with high susceptibility.

Contaminants with MODERATE Susceptibility

No contaminants with moderate susceptibility.

Source Details: G1450006G



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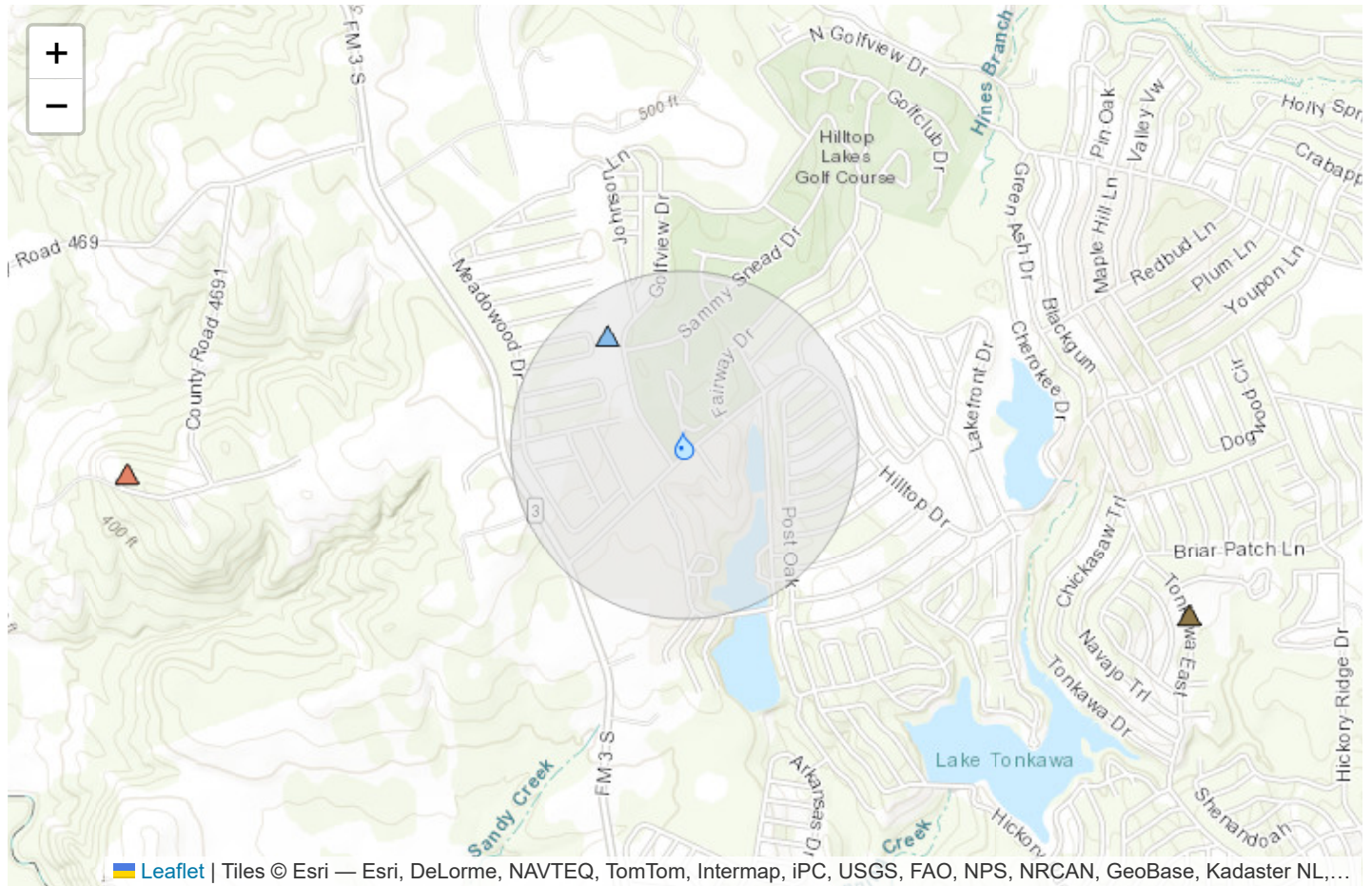
Contaminants with HIGH Susceptibility

No contaminants with high susceptibility.

Contaminants with MODERATE Susceptibility

No contaminants with moderate susceptibility.

Source Details: G1450006T



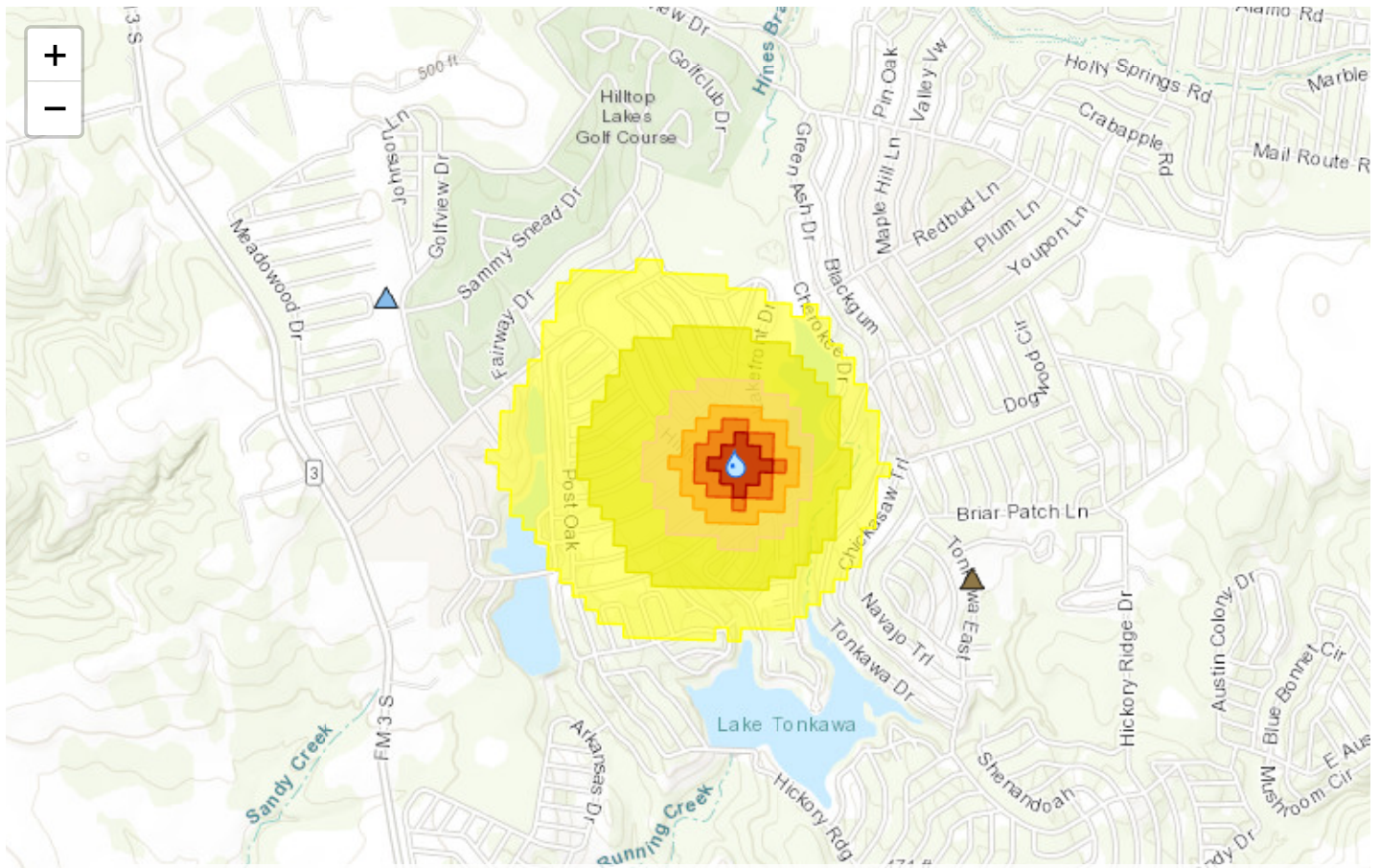
Contaminants with HIGH Susceptibility

No contaminants with high susceptibility.

Contaminants with MODERATE Susceptibility

No contaminants with moderate susceptibility.

Source Details: G1450006U



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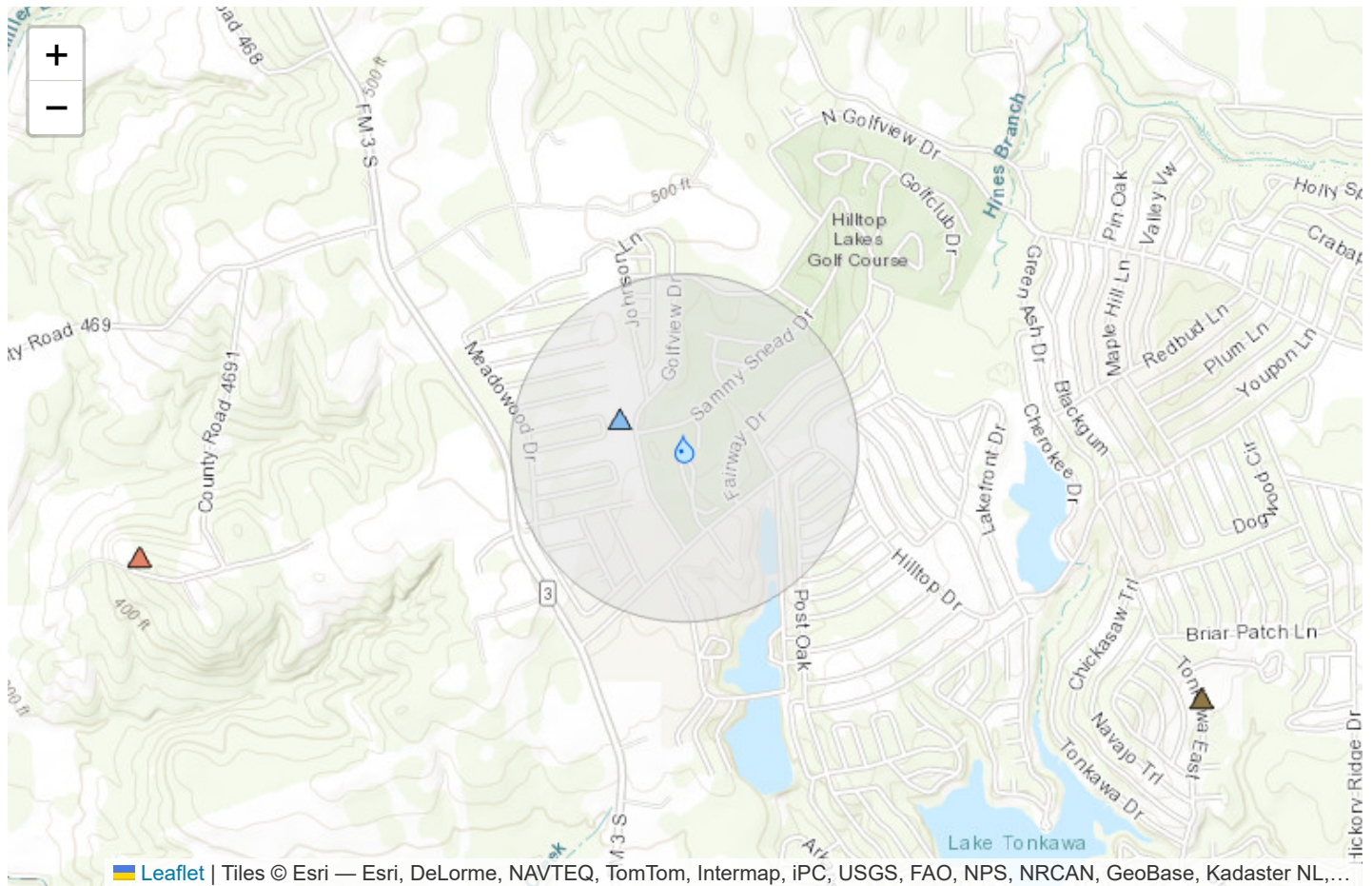
Contaminants with HIGH Susceptibility

No contaminants with high susceptibility.

Contaminants with MODERATE Susceptibility

No contaminants with moderate susceptibility.

Source Details: G1450006V



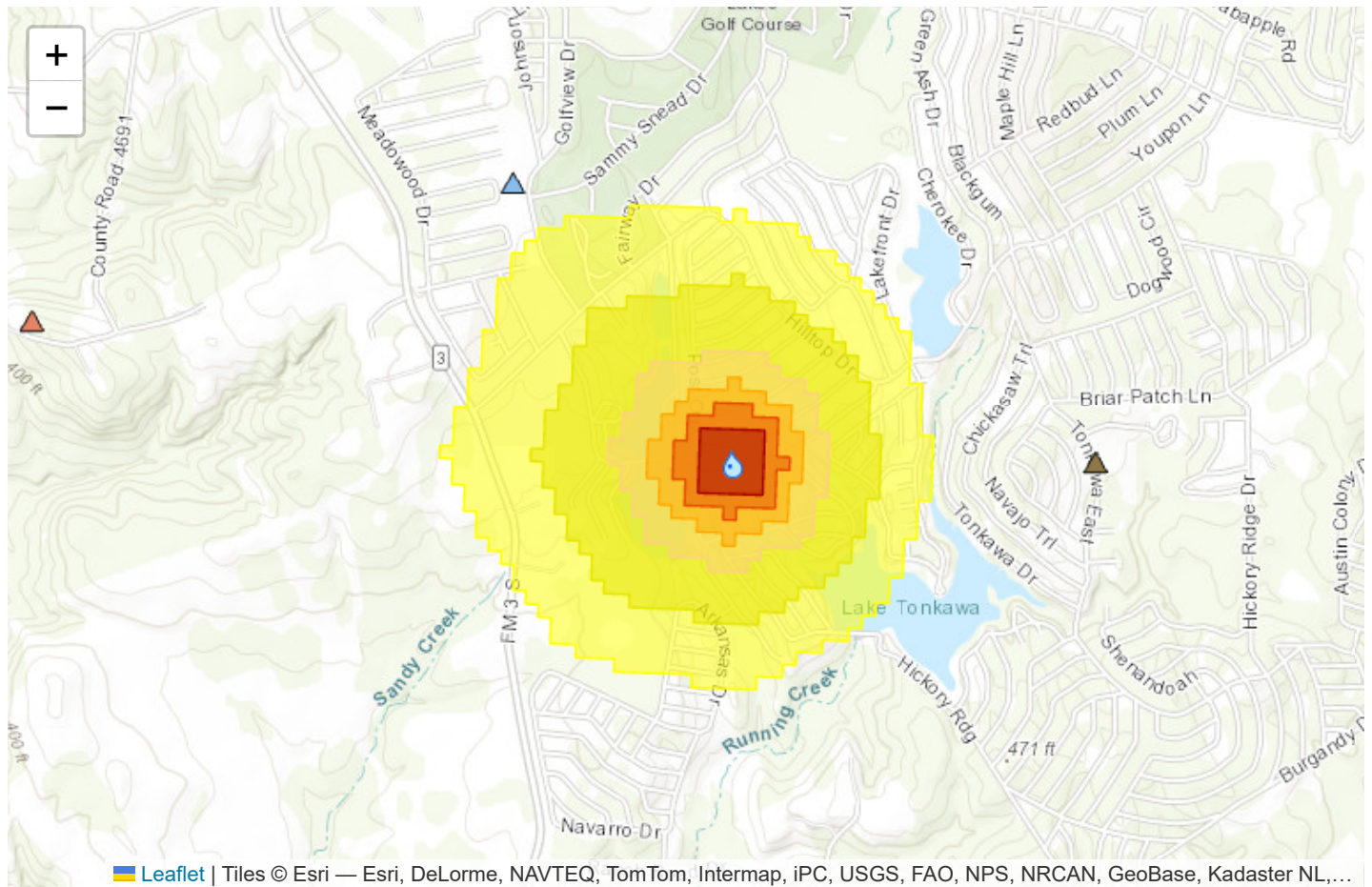
Contaminants with HIGH Susceptibility

No contaminants with high susceptibility.

Contaminants with MODERATE Susceptibility

No contaminants with moderate susceptibility.

Source Details: G1450006W



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 µg/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 ug/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-TRICHLOROETHANE	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-DICHLOROETHYLENE	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-DICHLOROETHYLENE	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

API



 TRANSPORTATION

 WASTE

 WASTEWATER
