

MTBE VULNERABILITY ASSESSMENT FORM

Complete a separate form for each active source serving your water system.
 Return to your DWFOB district field office by May 31, 2001.

Water System Name: ODDFELLOWS SIERRA PARK
 Water System No.: 55010016
 Source Name: WELL #2 STANDBY Primary Station Code: 03N/17E30Q02M
 Check the appropriate box: Groundwater Source Surface Water Source

STEP 1: MTBE DATA

Data collected to date: <input type="checkbox"/> Show a detection of MTBE <input checked="" type="checkbox"/> Do NOT show a detection of MTBE	<u>Data Results</u> Date(s) of sample(s) <u>000628</u> Result(s) <u>ND</u> ug/L
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STEP 2: POSSIBLE CONTAMINATING ACTIVITIES (PCA's) IN ZONE OF INFLUENCE

Mark all boxes for activities that have occurred/are occurring in the Zone of Influence for this source.
 The Zone of Influence is defined for each type of source below.

Surface Water Source Zone of Influence: 400' from reservoir banks or primary stream boundaries 200' from tributaries	Groundwater Source Zone of Influence: 1,500' for porous media aquifer 2,250' for fractured rock aquifer
<input type="checkbox"/> Gas Stations (existing or historic) <input type="checkbox"/> Petroleum processing/storage/transfer areas <input type="checkbox"/> Petroleum pipelines <input type="checkbox"/> Fleet/truck/bus terminals <input type="checkbox"/> Airports - Maintenance/fueling areas <input type="checkbox"/> Railroad Yards - Maintenance/fueling areas <input type="checkbox"/> Military installations <input type="checkbox"/> Utility stations - Maintenance areas <input type="checkbox"/> Motor pools <input type="checkbox"/> Illegal/unauthorized dumping <input type="checkbox"/> Known petrochemical contaminant plume <input type="checkbox"/> Leaking underground petroleum storage tanks <input type="checkbox"/> Underground petroleum storage tanks (not leaking) <input type="checkbox"/> Above ground petroleum storage tanks <input type="checkbox"/> Freeways/Highways/Roads/Streets <input type="checkbox"/> Railroads <input type="checkbox"/> Motorcraft recreation <input type="checkbox"/> Storm drain discharge points <input type="checkbox"/> There are no PCA's in the Zone of Influence	<input type="checkbox"/> Gas Stations (existing or historic) <input type="checkbox"/> Automobile repair and/or body shops <input type="checkbox"/> Petroleum processing/storage/transfer areas <input type="checkbox"/> Petroleum pipelines <input type="checkbox"/> Fleet/truck/bus terminals <input type="checkbox"/> Airports - Maintenance/fueling areas <input type="checkbox"/> Railroad Yards - Maintenance/fueling areas <input type="checkbox"/> Military installations <input type="checkbox"/> Utility stations - Maintenance areas <input type="checkbox"/> Motor pools <input type="checkbox"/> Illegal/unauthorized dumping <input type="checkbox"/> Known petrochemical contaminant plume <input type="checkbox"/> Leaking underground petroleum storage tanks <input type="checkbox"/> Underground petroleum storage tanks (not leaking) <input checked="" type="checkbox"/> Above ground petroleum storage tanks <input type="checkbox"/> Junk/scrap/salvage yards <input type="checkbox"/> There are no PCA's in the Zone of Influence

STEP 3: VULNERABILITY DETERMINATION

Complete only one of the sections below to show whether your source is nonvulnerable, vulnerable, or not susceptible to MTBE contamination.

Nonvulnerable Source

If no MTBE has been detected in the source (Step 1) AND no PCA's are found in the Zone of Influence (Step 2), the source serving your system may be considered *nonvulnerable* to MTBE contamination. Mark the box below to indicate that you believe this source is nonvulnerable to MTBE contamination:

- This source is *nonvulnerable* to MTBE contamination. (STANDBY WELL - NOT ACTIVE FOR 4 yrs.)
Specify the type of initial monitoring to be conducted:
- Quarterly monitoring will be conducted beginning with the first quarter of 2001.
- Annual monitoring will be conducted, with the first sample collected _____.
(Specify historical sample results since January 1, 1998, through the first quarter of 2001.)

Vulnerable Source (MTBE Present)

If any sample shows the presence of MTBE (Step 1), the source serving your system will be classified as vulnerable to MTBE contamination. Mark the box below:

- This source is *vulnerable* to MTBE contamination.

Vulnerable Source (PCA in Zone of Influence)

If any PCA exists in the Zone of Influence (Step 2), the source serving your system will be classified as vulnerable to MTBE contamination. Mark the box below:

- This source is *vulnerable* to MTBE contamination.

Susceptibility Waiver Request: Sources that are vulnerable, but not susceptible, to MTBE contamination, may be granted approval to conduct the initial monitoring in accordance with that specified for nonvulnerable sources. You may demonstrate that the source is not susceptible to MTBE contamination by submitting adequate additional documentation, such as a completed drinking water source assessment or demonstration of an adequate degree of protection of the source.

- I am submitting additional documentation to demonstrate that the source is not **susceptible** to MTBE contamination.

Specify the type of initial monitoring to be conducted:

- Quarterly monitoring will be conducted beginning the first quarter of 2001.
- Annual monitoring will be conducted, with the first sample being collected _____.
(Specify historical sample results since January 1, 1998, through the first quarter of 2001.)

Randy Tolbert
Name of Water System Representative

6/7/01
Date

Randy Tolbert
Signature

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Phone