

# FACT SHEET

**EPA**

## 57<sup>TH</sup> and North Broadway Site Wichita, Kansas

September 2001

### Site Update

This is an account of the April 2001 quarterly sampling event for the 57<sup>th</sup> and North Broadway site. The following are attached:

- \* a table with the APRIL analytical results. The table shows the contaminants of concern and compares them to previous sampling events, and
- \* a map showing the location of the monitoring wells and the approximate location of the treatment wells currently being installed.

Except for a spike in vinyl chloride in EPA #1 the analytical results are consistent with previous events.

#### EPA # 1

It appears that this down gradient monitoring well has been placed in the ideal location. April's sampling shows a slight increase in six of the seven contaminants of concern in this well. This is not a real cause for concern as there are no immediate down gradient receptors and the increases are not great.

#### EPA # 2

Review of the analytical data from this well indicates that there has been

no expansion of the plume towards the west. All contaminants of concern were at the same or lower levels than previous sampling events. Five of the seven were non-detect.

#### EPA # 3

All parameters for the contaminants of concern were below the Safe Drinking Water Act standards. There were three contaminants of concern where at slightly increased levels, but the increase carries no statistical significance.

#### Tap Sample 4802 Kimberly

This residence is in close proximity to monitoring well EPA # 3 and has been sampled on a quarterly basis since December of 1999. The contaminants of concern have remained at a relatively constant level throughout this period. The contaminant levels have not exceeded the Safe Drinking Water Act standard.

#### Tap Sample 731 W. 47<sup>th</sup> Street North.

A tap sample was taken from this well, which displayed the highest levels of vinyl chloride, 37 parts per billion (ppb), found during the residential well survey in the winter of 1998-1999. The level during this

event was 3 ppb. The other contaminants of concern were below the Safe Drinking Water Act standard.

#### MW 311

This monitoring well is the next up gradient well in the Riverview segment of the plume. The highest levels of contamination found in this well were found during the Remedial Investigation. Since then no levels above the Safe Drinking Water Act standards have been detected in this monitoring well. After an initial drop the levels of the contaminant of concern have remained fairly stable in this well.

#### MW 312

This is the northern most monitoring well in the Riverview segment of the plume. The well exceeds Safe Drinking Water Act standards for TCE. at 6 ppb. The Safe Drinking Water standard for TCE is 5 ppb. Other levels of contamination have remained fairly consistent and under the standard throughout the duration of the monitoring.

#### MW 313 and MW 405

These two wells are sentinels to provide early warning of contamination approaching the BelAire well field. The wells remain non-detect for all contaminants of concern.

#### MW 307

This monitoring well serves as a side gradient sentinel for the northern segment of the plume. It continues to have non detect analysis for all contaminants of concern.

#### MW 306

Monitoring Well 306 catches the extreme western edge of the northern plume segment. It continues to measure non detect for all contaminants of concern except for TCE, at 1 ppb.

#### MW 303; 304; 305; and 309

These wells have never shown any analytical results which approached levels of concern and mostly have been non detect, therefore they are not currently being monitored

#### MW 120

This well appears to be very near the down gradient edge of the northern plume segment. Contaminant levels are all below Safe Drinking Water Act standards and have remained relatively consistent throughout the period of monitoring.

#### MW 315

This monitoring well is up gradient from MW 120 and well within the northern plume segment. Contaminant levels are steady or declining in this well. The level of vinyl chloride in this well is at the Safe Drinking Water Act standard of 2 ppb.

#### MW 308

MW 308 is directly up gradient from MW 315 and it, too, is well within the boundary of the northern plume segment. Although analysis for vinyl chloride is non detect the TCE analysis is the highest currently found on the site at 12 ppb.

#### Wilko Well

For the past two monitoring periods a deep monitoring well in the front parking lot of the former Wilko Paint

facility has been included in the monitoring. Contaminant levels have been found to be within the Safe Drinking Water Act standards.

**Additional Information**

An information repository containing site documents has been established at the following location and are available for public review:

Park City Community Public Library  
1530 East 61<sup>st</sup> Street North  
Park City, Kansas

If you have questions or need more information please contact:

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We can both be reached on EPA s Toll-free Action Line: 1-800-223-0425

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