



## 2008 Fact Sheet

### Drinking Water Quality – South Dale Road Area

APRIL 2008

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#### Introduction

The ADEC is distributing this Fact Sheet to inform residents and landowners along south Dale Road of the potential for groundwater contamination associated with past practices at the Fairbanks International Airport, and surrounding industrial area. Development and residential use in this area is on the rise, and residents and landowners should consider the possibility of groundwater contamination when installing or using a drinking water well. A map of the area with the approximate locations of known drinking water wells is attached.

Groundwater contamination in this area is the result of surface and subsurface spills of petroleum products such as diesel fuel, aviation gas, lubricants, and chlorinated solvents. The lead scavengers EDB, EDC, and 1,2 DCA were used as fuel additives until they were phased out of use in the 1980s. However, they are known to persist in the environment, and could be components of concern. Past and present lease holders known to be responsible for the groundwater contamination have made efforts to clean it up. These efforts are ongoing.

#### Well Searches

As part of this cleanup effort, the responsible parties have identified and sampled private wells near known groundwater plumes. The results of these well searches and groundwater sampling indicate that groundwater contamination has migrated from some of the airport lease lots to several adjacent private properties. As a result one property has been connected to the community water service, and a treatment system has been installed on at least one drinking water well.

#### Un-confirmed Sources

Other industrial sources, as well as spills from privately owned above-ground or buried fuel storage tanks, including heating oil tanks, may be contributing to groundwater contamination in this area. Many spills go undetected, or are not reported. Due to potential unconfirmed sources it is not possible to fully assess groundwater quality in this area.

#### Test Your Well

If you have a drinking water well in this area and would like to test it for contamination check the ADEC website for a list of approved laboratories. If you have sampled your well, the ADEC would like a copy of the results. This information will help us monitor groundwater trends, and focus future cleanup efforts.

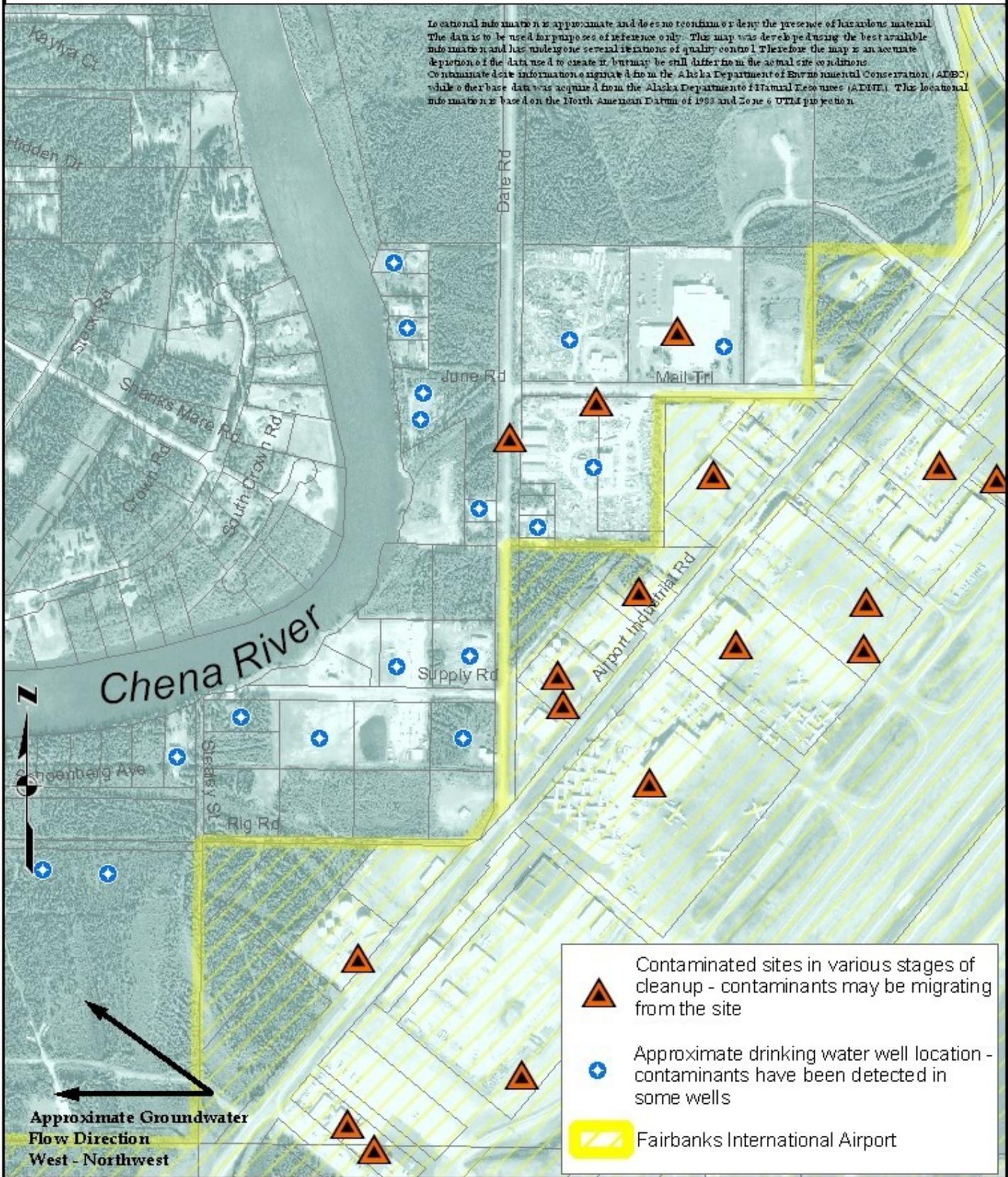
You can find more information about contaminated sites on our web site at:

**[http://www.dec.state.ak.us/spar/csp/db\\_search.htm](http://www.dec.state.ak.us/spar/csp/db_search.htm)**. For information about how to test your well, or questions regarding this groundwater investigation please call:

Neal Everson ADEC Project Manager, 610 University Avenue  
Fairbanks, Alaska 99709; Phone: (907) 451-2117  
E-mail: [neal.everson@alaska.gov](mailto:neal.everson@alaska.gov)

# Known Drinking Water Wells and Contaminated Sites Near South Dale Road

Locational information is approximate and does not confirm or deny the presence of hazardous material. The data is to be used for purposes of reference only. This map was developed using the best available information and has undergone several iterations of quality control. Therefore the map is an accurate depiction of the data used to create it, but may still differ from the actual site conditions. Contaminate date information originates from the Alaska Department of Environmental Conservation (ADEC) while other base data was acquired from the Alaska Department of Natural Resources (ADNR). The locational information is based on the North American Datum of 1983 and Zone 6 UTM projection.



-  Contaminated sites in various stages of cleanup - contaminants may be migrating from the site
-  Approximate drinking water well location - contaminants have been detected in some wells
-  Fairbanks International Airport

