

Abbreviations:

C – Celsius
mm of Hg- millimeters of Mercury
mg/L- milligrams per liter
µg/L- micrograms per liter
Standard units- pH
NTU-nephelometric turbidity units
CaCO₃- Calcium Carbonate
HCO₃⁻- Bicarbonate
CO₃⁻- Carbonate
µS/cm- microSeimens per centimeter
pCi/L-picocuries per liter (measure of radioactivity)
ANC- Acid Neutralizing Capacity

Abbreviations for Triazine degradation compounds

CAAT- chlordiamino-s-triazine
CEAT- 2-chloro-6-ethylamino-4-amino-s-triazine
CIAT- 2-chloro-4-isopropylamino-6-amino-s-triazine
OEAT- 2-hydroxy-6-ethylamino-4-amino-s-triazine
OIAT- 2-hydroxy-4-isopropylamino-6-amino-s-triazine
OIET- 2-hydroxy-4-isopropylamino-6-ethylamino-s-triazine

Terms:

Dissolved or filtered samples are operationally defined as the inorganic and nutrient constituents in the water that will pass through a .45µ (micron) filter. Dissolved or filtered samples for organic parameters are passed through a .7µ filter. The dissolved and filtered samples are indicated in the statistical tables by the abbreviations; diss, dissol, dissolv, dissolve, f, fil, fltd, fltrd, and wf.

Total or unfiltered samples are defined as the whole water sample that includes sediment and colloids that are suspended in the water as part of the analysis. The total and unfiltered are indicated in the statistical tables by the abbreviations; tot, total, unflt, unfiltered, and wu.

All sites in the project are sampled at various intervals for various constituents, therefore some site groupings have more associated data than others.

Some constituents are duplicated by more than one analysis schedule by one or more laboratories, for example the constituent atrazine is reported in the triazine herbicides analyzed by GC/MS, triazine and phenylureas, and in general pesticides.

The software used to generate these statistics will not report minimums, maximums, or other statistical information for parameters that have less than seven detections.

Laboratories used during the *Equus* Beds Recharge Project:

Organic Research Laboratory, Lawrence, Kansas

Pesticide and Antibiotic analysis

Water and Wastewater Laboratory, Wichita, Kansas

Major ion, Trace element, and Nutrient analysis

National Water Quality Laboratory, Denver, Colorado

Major ion, Trace element, Nutrient, Arsenic speciation, Pesticide, and
Volatile Organic Compound (VOC) analysis

Iowa Sediment Laboratory, Iowa City, Iowa

Suspended Sediment concentration analysis