FIELD ID MW01

21

SAMPLING CONDITIONS

Aquifer name Lower Tertiary Aquifers Depth pump set at: 763.5 (ft blw lsd) msl mp

Sampling point description Sampling Chamber

GW Color: *brown* *gray* *blue* *green* *other* None GW Clarity: (*clear*) *turbid* *muddy* *other* _____

GW Odor: (yes) no *describe* Organic

Sample in contact with: (atmosphere) oxygen nitrogen other _____

Weather: ***sky-*** clear (partly cloudy) cloudy ***precipitation-*** (none) light medium heavy snow sleet rain mist _____

wind- calm light breeze gusty windy est. wind speed Variable mph ***temperature-*** very cold cool (warm) hot

Observations: This sample was collected as a split sample with USEPA. Sampling line was split to allow concurrent sampling by USGS and USEPA while each organization could continue to collect field parameters. A large wind/dust storm occurred during sampling. We continued sampling through storm. We do not think storm would have an impact on samples since sampling took place in a protected environment. Samlping started at appoximately 1.5 Borehole volume purge.

Sample Comments (for NWIS; 300 characters max.): Sample was collected from end of teflon tube that was run into water-quality camper. Samples collected in sampling chamber. Many samples associated/collected with this sample and include Ambient blank, source solution blank, field blank, replicate, matrix spike and matrix spike duplicate. Sampling did not start until about 1410 and was completed about 1640.

LABORATORY INFORMATION

Sample Set ID _____

SAMPLES COLLECTED:

Nutrients: ___WCA ___FCC ___FCA Major cations: ___FA ___RA Major anions: ___FU Trace elements: ___FA ___RA

Mercury: ___FAM ___RAM ___Wis. Hg Lab Lab pH/SC/ANC: ___RU

VOC: GCV (____ vials) Organics: ____GCC filtered __ unfiltered __ ___C18 ___ Kansas OGRG Lab

Suspended solids: ___SUSO Turbidity: ___TBY

Phenols: ___PHE Oil&Grease: ___OAG Methylene Blue Active Substances: ___MBAS Color: ___RCB

Carbon: ___TPCN ___PIC filter1-vol filtered_____mL filter2-vol filtered_____mL filter3-vol filtered_____mL ___DOC ___TOC

Radon: ___RURCV (Radon sample collection time:_____) Stable isotopes: ___FUS ___RUS

Radiochemicals: ___FUR ___RUR ___SUR ____FAR ___RAR ___RURCT ___BOD _1_COD

Other:_____ (Lab_____) Other:_____ (Lab_____) Other:_____ (Lab_____)

Other:_____ (Lab_____) Other:_____ (Lab_____) Other:_____ (Lab_____)

Microbiology: _____ (Lab _____)

Laboratory Schedules: _____ _____ _____ _____ _____ _____

Lab Codes: _____ (add/delete) _____ (add/delete) _____ add/delete _____ add/delete _____ add/delete

Comments: _____

Date shipped:_____ Lab(s): _____ _____ _____

***Notify the NWQL in advance of shipment of potentially hazardous samples—phone 1-866-ASK-NWQL or email LabLogin@usgs.gov**

Comments: SEE SAMPLING ORDER WORKSHEET INCLUDED AT END OF GROUNDWATER FIELD FORM FOR LIST OF ANALYTES AND LABORATORIES.

SIGNATURE			DATE 5/3/12
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE