

APPENDIX H

WATER QUALITY SAMPLE INFORMATION

COLLECTION, FILTERING, LABORATORY INFORMATION

Sample Type G / S

Collector(s) _____

Project _____

Sample Number _____

Collection Date _____

Project Manager _____

	Collection Time	Sampling Method	Filtered?	Lab	Chain of Custody?
Major Ions	:		Y / N	_____	Y / N
Pesticides	:		Y / N	_____	Y / N
Trace elements	:		Y / N	_____	Y / N
VOCs	:		Y / N	_____	Y / N
Radionuclides	:		Y / N	_____	Y / N
Cyanide	:		Y / N	_____	Y / N
Immunoassay	:		Y / N	_____	Y / N

WELL INFORMATION

SDGS Well Name _____

Water Rights Well Name _____

Other Well Name _____

Aquifer _____

Management Unit _____

Well Depth _____
(ft from casing top)

Depth to Water _____
(ft from casing top)

Casing Top Elevation (ft) _____ T / I

Casing Type _____

Owner/Controller _____

Usage _____

SURFACE WATER INFORMATION

Lake _____

Other _____

Stream _____

Where Collected _____

LOCATION INFORMATION

Location _____ - _____ - _____

Latitude _____

Longitude _____

County _____

Notes _____

Ground Surface Elevation (ft) _____ T / I

Basin _____

Hydrologic Unit Code _____

FIELD PARAMETERS

Temp (unfiltered) _____
(□C)

Conductivity (unfiltered) _____
umhos/cm

Conductivity (filtered) _____
umhos/cm

Eh (unfiltered) _____
mV

Turbidity (unfiltered) _____
NTU

NO₃-N+NO₂-N (HACH method) _____
mg/L

Sample Number _____

pH (unfiltered) _____

pH (filtered) _____

Dissolved O₂ (unfiltered) _____
mg/L

Alk-T _____
mg/L as CaCO₃

Alk-P _____
mg/L as CaCO₃

NH₃-N (HACH method) _____
mg/L

WELL PURGING INFORMATION

Purging Method _____

Measured from Casing Top:

Well Depth (ft) _____

Well Diameter (in) _____

(-) Depth to Water (ft) _____

(=) Water Column (ft) _____ X 0. _____ gal/ft liter/ft =

1 Well Volume (gal) (liter) _____

Pumping Rate _____ (gal/ min) (liter/min) X Duration of pumping (min) _____ =

Total Volume of Water Removed (gal) (liter) _____

(Total Vol. / 1 Well Vol.) = **Number of Well Volumes Removed (volumes) _____**

Start Time _____ AM PM

End Time _____ AM PM

Time	Temp	Cond	pH	Water Level	Turbidity	Dissolved O ₂
:
:
:
:
:
:
:
:
:

Comments _____

Sample Number _____

Cations (mg/L)

Ca _____

Mg _____

Na _____

K _____

Fe _____

Mn _____

Anions (mg/L)

HCO₃ _____

CO₃ _____

SO₄ _____

Cl _____

F _____

NO₃-N+NO₂-N _____

NO₂-N _____

NO₃-N _____

Notes _____

Cyanide _____
(mg/L)

Notes _____

Other parameters

NH₃-N _____
(mg/L)

Total P _____
(mg/L)

Lab TDS _____
(mg/L @ 180°C)

Lab Cond _____
(umhos/cm @ 25°C)

Hardness _____
(mg/L as CaCO₃)

Lab pH _____
(compensated to 25°C)

Lab Alk-T _____
(mg/L as CaCO₃)

Lab Alk-P _____
(mg/L as CaCO₃)

Cations _____
(me/L)

Anions _____
(me/L)

% Difference _____

Trace elements (ug/L)

Ag _____

Cu _____

As _____

Hg _____

B _____

Ni _____

Ba _____

Pb _____

Be _____

Sb _____

Cd _____

Se _____

Cr _____

Tl _____

Zn _____

Notes _____

Radionuclides

Gross Alpha _____ +/- _____
(pCi/L)

Gross Beta _____ +/- _____
(pCi/L)

Radium 226 _____ +/- _____
(pCi/L)

Radium 228 _____ +/- _____
(pCi/L)

Radium 226+228 _____ +/- _____
(pCi/L)

Radon _____ +/- _____
(pCi/L)

Uranium _____ +/- _____
(ug/L)

Notes _____

Pesticide Results

Sample _____

<u>Common Name</u>	<u>Trade Name</u>	<u>Concentration (ug/L)</u>	<u>Comments</u>
Acetochlor	Harness/Surpass	_____	_____
Acifluorfen	Blazer	_____	_____
Alachlor	Lasso	_____	_____
Atrazine	AAtrex	_____	_____
desethyl Atrazine		_____	_____
desisopropyl Atrazine		_____	_____
Bentazon	Basagran	_____	_____
Bromoxynil	Buctril	_____	_____
Butylate	Sutan	_____	_____
Carbofuran	Furadan	_____	_____
Chloramben	Amiben	_____	_____
Chlorpyrifos	Lorsban	_____	_____
Cyanazine	Bladex	_____	_____
2,4-D	2,4-D	_____	_____
DCPA	Dacthal	_____	_____
Dicamba	Banvel	_____	_____
Diclofop-methyl	Hoelon	_____	_____
Dimethazone	Command	_____	_____
Disulfoton	Disyston	_____	_____
Diuron	Karmex	_____	_____
Endrin	Endrin	_____	_____
EPTC	Eradicane	_____	_____
Ethalfuralin	Sonalan	_____	_____
Ethoprop	Mocap	_____	_____
Fonofos	Dyfonate	_____	_____
Glyphosate	Roundup	_____	_____
Imazaquin	Scepter	_____	_____

Pesticide Results

Sample _____

<u>Common Name</u>	<u>Trade Name</u>	<u>Concentration (ug/L)</u>	<u>Comments</u>
Lindane	Lindane	_____	_____
MCPA	MCPA	_____	_____
Malathion	Malathion	_____	_____
Methoxychlor	Methoxychlor	_____	_____
Metolachlor	Dual	_____	_____
Metribuzin	Sencor	_____	_____
Parathion	Alkron	_____	_____
Pendimethalin	Prowl	_____	_____
Phorate	Thimet	_____	_____
Picloram	Tordon	_____	_____
Prometon	Pramitol	_____	_____
Propachlor	Ramrod	_____	_____
Quizalofop-ethyl	Assure	_____	_____
Simazine	Princep	_____	_____
Terbufos	Counter	_____	_____
Toxaphene	Toxaphene	_____	_____
2,4,5-TP	Silvex	_____	_____
Triasulfuron	Amber	_____	_____
Trifluralin	Treflan	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Notes _____

