

Municipal Water-Supply Inventory

DATA FOR: DECORAH # SANDPOINT
WNUMBER: 39067

PWSID\SEQ#: 9630012- 99
USGS ID: 0

GENERAL INFORMATION

LOCATION: T 98N R 8W Sec 16 COUNTY: WINNESHIEK
TOPOGRAPHIC MAP: DECORAH
ELEVATION: 858 feet SITE TYPE: Drilled hole TOTAL DEPTH: 30 feet BEDROCK DEPTH: 0 feet
DRILLER: [0] 0 DRILL DATE: 01/01/96 DRILLING METHOD:
WELL TYPE: Municipal WELL DEPTH: 30.00 feet AQUIFER: Alluvium
STATUS: ON LINE: / / ABANDONED: / / PLUGGED: / /
LOG TYPE: LOG QUALITY: SAMPLE TYPE: BEDROCK DEPTH: 0 feet STRIP LOG BY:
LOG TYPE2: LOG QUALITY2: BASIN: 7060002
COMMENTS: STRIP LOG DATE: / /
Reconditioned 1928 by City. SUPPLY PERCENT: 0.00%

EDIT DATE: 09/07/99

VULNERABILITY: 1

WELL CONSTRUCTION DATA FOR DECORAH # SANDPOINT

HOLE SCHEDULE: WELL CONSTRUCTION DATE: 01/01/96
(1) Hole diameter: 4 inches Depth to bottom: 30 feet

CASING SCHEDULE:

GROUT SCHEDULE:

SCREEN OR PERFORATED CASING SCHEDULE:
(1) Diameter: inches Slot: inches Depth top:
feet Depth bottom: feet Amount: 10 feet

GRAVEL-PACKED: False Gravel-packed top: feet Gravel-packed bottom: feet

PUMP SCHEDULE:
Pump type: Diameter: inches Depth to intake: feet
Rated capacity: gpm

COMMENTS:
Suction pump.
Bronze screen.

HYDROGEOLOGIC INFORMATION FOR DECORAH # SANDPOINT

MAIN WATER: SAND DEPOSITS

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Main water top: 0 feet Main water bottom: 0 feet Pump rating: 0 gpm Pump yield: 0 gpm

DATE PUMPED: 01/01/96 TIME PUMPED:
STATIC WATER LEVEL: 9.0 feet PUMPING WATER LEVEL: 0.0 feet YIELD:
0.0 gpm DURATION:
AQUIFER PUMPED: Alluvium PUMP TEST: False PUMP METHOD:
MEASUREMENT:

COMMENTS:

DRILLER'S LOG FOR DECORAH # SANDPOINT

WATER QUALITY DATA FOR DECORAH # SANDPOINT

WATER QUALITY INFORMATION

FIELD DATA

DATE OF COLLECTION: 08/30/34 TIME: COLLECTOR: Pullan MINERAL NUMBER: 87954
SOURCE: Public well, 30'
SAMPLING POINT:
WAS SAMPLE FREE TURBIDITY WHEN COLLECTED? No IS A POLYPHOSPHATE BEING USED?
No
TEMPERATURE: 0.0 C pH: 0.000 ALKALINITY mg/l CaCO3 P: ----- mg/l T: ----- mg/l
SPECIFIC CONDUCTANCE: ----- micromhos HOURS PUMPED:
PUMPING RATED: 0.000 gpm

LABORATORY ANALYSIS

SPECIFIC CONDUCTANCE: ----- micromhos pH: 7.400 SILICA (SiO2):
----- mg/l
SOLUBLE IRON (Fe): 1.600 mg/l TOTAL IRON (Fe):
----- mg/l
FILTERABLE RESIDUE: 299.000 mg/l TOTAL RESIDUE:
310.000 mg/l
HARDNESS as CaCO3: 269.000 mg/l
ALKALINITY mg/l CaCO3 P: 0.000 mg/l T: 242.000 mg/l

CATIONS (mg/l):

POTASSIUM (K+): -----
SODIUM (Na+): -----
CALCIUM (Ca++): 73.800
MAGNESIUM (Mg++): 19.800
MANGANESE (Mn++) soluble: 0.100
MANGANESE (Mn++) total: -----

TRACE METALS (mg/l)

ARSENIC (As): -----
BARIUM (Ba): -----
CADMIUM (Cd): -----
CHROMIUM (Cr): -----
COPPER (Cu): -----
LEAD (Pb): -----
MERCURY (Hg): -----
SELENIUM (Se): -----
SILVER (Ag): -----
ZINC (Zn): -----

ANIONS (mg/l)

NITRATE (NO3-): 3.000
FLUORIDE (F-): 0.000
CHLORIDE (Cl-): 5.000
SULFATE (SO4--): 23.000
BICARBONATE (HCO3-): 295.200
CARBONATE (CO3--): -----

RADIOACTIVITY (pCi/l)

GROSS ALPHA: -----
226RADIUM: -----
228RADIUM: -----
GROSS BETA: -----
90STRONTIUM: -----
222RADON: -----

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COMMENTS:

FROM THE MINERAL ANALYSIS

FIELD DATA:

Source: Public well 30' {Presumably this analysis is for all 9 sandpoints. This analysis was arbitrarily assigned to this well.}

LABORATORY ANALYSIS:

Total Solids: 310
Insoluble Matter: 11.0
Fe2O3+Al2O3+Mn2O3: 2.6
B03: Tr.
Alkalies as Na+: 7.1
(Al+++): 0.2
N as NO2-: 0.008
PO4---: 0.0