06461010 Minnechaduza Cr above Spring Creek, NE

NIOBRARA RIVER BASIN

LOCATION.--Lat 42°53'41.28", long 100°30'54.66", in SE ¼ SE ¼ SE ¼ sec.20, T.34 N., R.27 W., Cherry County, Hydrologic Unit 10150004.

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 1 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Time	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
Oct													
06...	1300	708	9.4	8.2	8.0	296	327	14.0	14.5	140	46.8	4.93	8.79
Nov													
03...	1500	707	13.0	8.2	E7.5	318	320	14.0	7.5	150	50.6	5.46	8.58
Dec													
02...	1500	702	11.9	8.5	8.1	292	316	1.0	2.0	140	48.0	5.47	7.08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)
Oct													
06...	.4	11.3	14	3.19	.4	46.8	6.9	233	.34	.45	<.04	--	--
Nov													
03...	.4	10.7	13	2.93	.4	47.6	6.8	220	.25	.45	<.04	2.27	.51
Dec													
02...	.4	10.8	13	2.45	.4	51.7	7.0	237	.22	.27	<.04	--	--

06461010 Minnechaduza Cr above Spring Cr—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
Part 3 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro-gen, water, fltrd, mg/L (00602)	Total nitro-gen, water, unfltrd mg/L (00600)	Ortho-phos-phate, water, fltrd, mg/L (00660)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Arsenic water, fltrd, ug/L (01000)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)
Oct													
06...	.70	--	E.007n	1.0	1.2	.242	.08	.064	.112	130	5.2	E5n	<.08
Nov													
03...	.52	.036	.011	.77	.98	--	<.02	.064	.098	1,000k	4.6	6	<.08
Dec													
02...	.97	--	E.004n	1.2	1.2	.187	.06	.057	.091	64	4.5	E4n	E.06n

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
Part 4 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Mangan-ese, water, fltrd, ug/L (01056)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)
Oct													
06...	5.7	<.5	<.5	<.5	<.5	E2t	<1	<5	<1	<1	<5	<1	<2
Nov													
03...	6.5	<.5mc	<.5	<.5	<.5	<2	<1	<5mc	<1	<1	<5mc	<1	<2
Dec													
02...	11.1	<.5mc	<.5	<.5	<.5	<2	<1	<5mc	<1	<1	<5mc	<1	<2

06461010 Minnechaduza Cr above Spring Cr—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
Part 5 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bisphenol A-d3 sur Sch 2033 & 8033, wat flt pct rcv (99583)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	Caffeine-13C sur Sch 2033 & 8033, wat flt pct rcv (99584)
Oct													
06...	<.5	<.5	<.5	<.5	<.5	<.5	E2	E2	<1	.0	<.5	<.5	84.7
Nov													
03...	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	<1	61.6	<.5	<.5	88.2
Dec													
02...	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	<1	54.0	<.5	<.5	55.7

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
Part 6 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DecaFbiphenl sur Sch 2033 & 8033, wat flt pct rcv (99585)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)
Oct													
06...	<.5	<1	<.5	<.5	E2t	<1.00	58.1	E.1t	<.5	<5	<1	<.5	<1
Nov													
03...	<.5	<1mc	<.5	<.5	<2	<1.00	64.5	<.5	<.5	E2mtc	<1mc	<.5mc	<1mc
Dec													
02...	<.5	<1mc	<.5	<.5	<2	<1.00	44.4	<.5	<.5	<5mc	<1mc	<.5mc	<1mc

06461010 Minnechaduza Cr above Spring Cr—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
Part 7 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Fluor-anthene water, fltrd, ug/L (34377)	Fluor-anthene -d10, sur Sch 20/8033 wat flt pct rcv (99586)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)	Naphth-alene, water, fltrd, ug/L (34443)
Oct													
06...	<.5	.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Nov													
03...	<.5	98.5	<.5	<.5	<.5	<.5	<.5mc	<.5	<.5	<.5	<.5	<.5	<.5
Dec													
02...	<.5	68.2	<.5	<.5	<.5	<.5	<.5mc	<.5	<.5	<.5	<.5	<.5	<.5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
Part 8 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	p-Cresol, water, fltrd, ug/L (62084)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)
Oct													
06...	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5
Nov													
03...	<1	<2mc	<.5	.6	<.5	<.5	<.5mc	<.5mc	<.5	<1	<.5	<.5	<.5
Dec													
02...	<1	<2mc	<.5	1.3	<.5	<.5	<.5mc	<.5mc	<.5	<1	<.5	<.5	<.5

06461010 Minnechaduza Cr above Spring Cr—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 9 of 9

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
Oct				
06...	<.5	<.5	--u	1.31
Nov				
03...	<.5	<.5	--u	1.42
Dec				
02...	<.5	<.5	--u	1.68