



Water-Data Report NE-2005

**413351096324925 GWSW SITE ACTTR1-4-1C NEAR NICKERSON, NE**

PLATTE RIVER BASIN

LOCATION.--Lat 41°33'51", long 96°32'49", in SE ¼ NW ¼ NE ¼ sec.5, T.18 N., R.8 E., Dodge County, Hydrologic Unit 10220003.

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified; V, value affected by contamination. Value qualifier codes: @, holding time exceeded; c, see laboratory comment; d, diluted sample: method hi range exceeded; n, below the LRL and above the LT-MDL; r, value verified by rerun, same method; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Time	UV	SUVA,	Dis-	pH,	pH,	Specif.	Temper-	Hard-	Calcium	Magnes-	Potas-	Sodium
		absorb-	254 nm,		water,	water,	conduc-		ness,		ium,	sium,	
		ance,	abs	solved	unfltrd	unfltrd	tance,	ature,	water,	water,	water,	water,	tion
		254 nm,	L/	oxygen,	field,	lab,	wat unf	water,	mg/L as	fltrd,	fltrd,	fltrd,	ratio
		wat flt	(mgDOC*	mg/L	std	std	lab,	deg C	CaCO3	mg/L	mg/L	mg/L	
		units	meter)		units	units	25 degC						
		/cm											
		(50624)	(63162)	(00300)	(00400)	(00403)	(90095)	(00010)	(00900)	(00915)	(00925)	(00935)	(00931)
Oct													
04...	1000	.053r	3.8r	.9	7.2	7.5	423	11.3	210	61.1	13.1	6.88	.6

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 2 of 10

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Date	Sodium,	Sodium,	Alka-	Bromide	Chlor-	Fluor-	Silica,	Sulfate	Sulfide	Residue	Residue	Residue	Ammonia
			linity,		ide,	ide,				water,		on	
	water,	water,	wat flt	water,	water,	water,	water,	water,	water,	sum of	water,	at	water,
	fltrd,	percent	fxd end	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	consti-	fltrd,	180degC	fltrd,
	mg/L		lab,	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	tents	tons/	wat flt	mg/L
	(00930)	(00932)	mg/L as	mg/L	acre-ft	mg/L	mg/L						
			CaCO3	(71870)	(00940)	(00950)	(00955)	(00945)	(99118)	(70301)	(70303)	(70300)	(71846)
Oct													
04...	19.5	16	222@c	.04	3.45	.3	29.7	30.2	.650	301	.40	296	.23

## 413351096324925 GWSW SITE ACTTR1-4-1C NEAR NICKERSON, NE—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 3 of 10

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Date	Ammonia	Nitrite + Nitrate	Total Nitrogen	Ortho-phosphate	Ortho-phosphate	Organic carbon	Iron (II)	Iron	Manganese	1-Naphthol	2,6-Diethyl-aniline	2-[(2-Ethyl-6methyl phenyl) amino]2-oxo	
	water, fltrd, mg/L as N (00608)	water, fltrd, mg/L as N (00631)	water, fltrd, mg/L as N (00613)	wat flt by ysis, mg/L (62854)	water, fltrd, mg/L (00660)	water, fltrd, mg/L as P (00671)	water, fltrd, mg/L (00681)						water, fltrd, field, mg/L (99114)
Oct 04...	.18	<.06	<.008	.38	1.62	.528d	V1.4	.730	559	735	Mt	<.006	<.02

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 4 of 10

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Date	2Chloro-2',6'-diethyl acet-anilide	2-Ethyl-6-methyl-aniline	3,4-Di-chloro-aniline	4Chloro-2methyl phenol	Aceto-chlor ESA	Aceto-chlor OA	Aceto-chlor SAA	Aceto-chlor	Ala-chlor ESA SA	Ala-chlor ESA	Ala-chlor OA	Ala-chlor SAA	
	wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	water, fltrd, ug/L (61620)	water, fltrd, ug/L (61625)	water, fltrd, 0.7u GF ug/L (61029)	water, fltrd, 0.7u GF ug/L (61030)	water, fltrd, ug/L (62847)	water, fltrd, ug/L (49260)	water, fltrd, ug/L (62849)	water, fltrd, 0.7u GF ug/L (50009)	water, fltrd, 0.7u GF ug/L (61031)	water, fltrd, ug/L (62848)	
Oct 04...	<.005	<.006	<.004	<.004	<.006	<.02	<.02	<.02	<.006	<.02	.02	<.02	<.02

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 5 of 10

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Date	Ala-chlor	alpha-HCH-d6	Azin-phos-methyl oxon	Azin-phos-methyl	Ben-flur-alin	Car-baryl	Chlor-pyrifos	Chlor-pyrifos	cis-Per-methrin	Cyflu-thrin	Cyper-methrin	DCPA	
	water, fltrd, ug/L (46342)	surrog, Sch2003, wat flt percent recovry (99995)	water, fltrd, ug/L (39632)	water, fltrd, 0.7u GF ug/L (61635)	water, fltrd, 0.7u GF ug/L (82686)	water, fltrd, 0.7u GF ug/L (82673)	water, fltrd, 0.7u GF ug/L (82680)	water, fltrd, ug/L (61636)	water, fltrd, ug/L (38933)	water, fltrd, 0.7u GF ug/L (82687)	water, fltrd, ug/L (61585)	water, fltrd, ug/L (61586)	water, fltrd, 0.7u GF ug/L (82682)
Oct 04...	<.005	79.4	E.005n	<.07	<.050	<.010	<.041	<.06	<.005	<.006	<.008	<.009	<.003

## 413351096324925 GWSW SITE ACTTR1-4-1C NEAR NICKERSON, NE—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 6 of 10

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Date	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diaz- inon, water, fltrd, ug/L (61638)	Diazi- non, water, fltrd, ug/L (39572)	Diazi- non-d10 Sch2003 wat flt percent recovry (99994)	Dicro- tophos, water fltrd, ug/L (38454)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- enamid ESA, water, fltrd, ug/L (61951)	Dimeth- enamid OA, water, fltrd, ug/L (62482)	Dimeth- enamid water, fltrd, ug/L (61588)	Dimeth- oate, water, fltrd 0.7u GF ug/L (82662)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Fenami- phos sulfone water, fltrd, ug/L (61645)
Oct 04...	<.012	<.01	<.005	100	<.08	<.009	<.02	<.02	<.02	<.006	<.0020	<.004	<.049

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**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 7 of 10

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Date	Fenami- phos sulf- oxide, water, fltrd, ug/L (61646)	Fenami- phos, water, fltrd, ug/L (61591)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Flufen- acet ESA, water, fltrd, ug/L (61952)	Flufe- nacet OA, water, fltrd, ug/L (62483)	Flufe- nacet, water, fltrd, ug/L (62481)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Hexa- zinone, water, fltrd, ug/L (04025)	Ipro- dione, water, fltrd, ug/L (61593)
Oct 04...	<.04	<.03	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.003	<.003	<.013	<.387

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**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 8 of 10

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Date	Isofen- phos, water, fltrd, ug/L (61594)	Mala- oxon, water, fltrd, ug/L (61652)	Mala- thion, water, fltrd, ug/L (39532)	Meta- laxyl, water, fltrd, ug/L (61596)	Methi- althion water, fltrd, ug/L (61598)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola- chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Myclo- butanil water, fltrd, ug/L (61599)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)
Oct 04...	<.003	<.030	<.027	<.005	<.006	<.03	<.015	<.02	<.02	<.006	<.006	<.008	<.022

413351096324925 GWSW SITE ACTTR1-4-1C NEAR NICKERSON, NE—Continued

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Part 9 of 10

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Date	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prome- ton, water, fltrd, ug/L (04037)	Prome- tryn, water, fltrd, ug/L (04036)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propa- chlor OA, water, fltrd 0.7u GF ug/L (62767)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Ter- bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)
Oct 04...	<.10	<.011	<.05	<.008	<.01	<.005	<.004	<.05	<.02	<.005	<.02	<.07	<.02

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**WATER YEAR OCTOBER 2004 TO**  
**SEPTEMBER 2005**

Part 10 of 10

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Date	Ter- buthyl- azine, water, fltrd, ug/L (04022)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Di- chlor- vos, water fltrd, ug/L (38775)
Oct 04...	--u	<.009	<.01