Water-Data Report 2007

03339030 GRAPE CREEK NEAR HEGELER, IL

Wabash Basin
Vermilion Subbasin

LOCATION.--Lat 40°04′34″, long 87°39′04″ referenced to North American Datum of 1983, in NW ¼ SE ¼ SW ¼ sec.30, T.19 N., R.11 W., Vermilion County, IL, Hydrologic Unit 05120109, on former Hegeler Zinc Industrial property, north of large slag pile about 15 ft west of where stream enters culvert below access road, and at mile 9.7.

DRAINAGE AREA.--4.08 mi^2.

SURFACE-WATER QUALITY RECORDS

PERIOD OF RECORD.—
SURFACE-WATER QUALITY
MISCELLANEOUS: Chemical and water temperature, August 2007.

GAGE.—Staff gage. Datum of gage is 635.41 ft. above NAVD of 1988 (levels by USEPA) (635.54 ft. NGVD 1929).

03339030 GRAPE CREEK NEAR HEGELER, IL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 1 of 7
[Remark codes: <, less than; E, estimated.]

Date	Time	Altitude of land surface feet (72000)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Drainage area, mi2 (81024)	Sampling method, code (82398)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
Aug													
01...	1100	635.41	--	--	4.08	--	--	--	--	--	--	--	--
01...	1115	635.41	--	--	4.08	--	--	--	--	--	514	35.1	7.37
01...	1215	635.41	637.56	.00	4.08	--	--	--	--	--	475	32.4	6.84
01...	1315	635.41	--	--	4.08	--	--	--	--	--	471	35.8	7.16
01...	1415	635.41	--	--	4.08	--	--	--	--	--	469	33.1	7.03
01...	1515	635.41	--	--	4.08	--	--	--	--	--	485	34.9	7.38
01...	1615	635.41	--	--	4.08	--	--	--	--	--	515	36.8	7.58
01...	1715	635.41	--	--	4.08	--	--	--	--	--	473	32.6	6.88
01...	1815	635.41	--	--	4.08	--	--	--	--	--	482	34.2	7.20
01...	1915	635.41	--	--	4.08	--	--	--	--	--	472	32.8	7.00
01...	2015	635.41	--	--	4.08	--	--	--	--	--	476	32.9	7.10
01...	2115	635.41	--	.00	4.08	4033	3.9	3.4	2,690	25.3	481	33.0	7.19
01...	2215	635.41	--	--	4.08	--	--	--	--	--	485	32.8	7.03
01...	2315	635.41	--	--	4.08	--	--	--	--	--	517	29.3	4.58
02...	0015	635.41	--	--	4.08	--	--	--	--	--	488	33.2	7.11
02...	0115	635.41	--	--	4.08	--	--	--	--	--	484	33.2	7.17
02...	0215	635.41	--	--	4.08	--	--	--	--	--	468	31.7	6.91
02...	0315	635.41	--	--	4.08	--	--	--	--	--	476	32.2	7.00
02...	0415	635.41	--	--	4.08	--	--	--	--	--	494	32.9	7.12
02...	0515	635.41	--	--	4.08	--	--	--	--	--	475	31.6	6.88
02...	0615	635.41	--	--	4.08	--	--	--	--	--	496	32.4	6.98
02...	0715	635.41	--	--	4.08	--	--	--	--	--	495	32.9	7.22
02...	0815	635.41	--	--	4.08	--	--	--	--	--	--	--	--
02...	0815	635.41	--	--	4.08	--	--	--	--	--	522	34.1	7.40
02...	0915	635.41	--	--	4.08	--	--	--	--	--	469	31.6	6.77
02...	1015	635.41	--	--	4.08	--	--	--	--	--	480	30.5	6.59
02...	1115	635.41	--	--	4.08	--	--	--	--	--	484	32.4	7.19
02...	1215	635.41	--	--	4.08	--	--	--	--	--	529	35.4	7.62
02...	1315	635.41	--	--	4.08	--	--	--	--	--	484	34.5	7.12
02...	1415	635.41	--	--	4.08	--	--	--	--	--	466	32.9	7.05
02...	1515	635.41	--	--	4.08	--	--	--	--	--	464	32.4	6.83
02...	1615	635.41	--	--	4.08	--	--	--	--	--	508	35.1	7.44
02...	1715	635.41	--	--	4.08	--	--	--	--	--	468	33.6	7.14
02...	1815	635.41	--	--	4.08	--	--	--	--	--	485	34.6	7.30
02...	1915	635.41	--	--	4.08	--	--	--	--	--	442	32.0	6.83
02...	2015	635.41	--	--	4.08	--	--	--	--	--	489	34.8	7.29
02...	2115	635.41	--	--	4.08	--	--	--	--	--	495	34.1	7.34
02...	2215	635.41	--	--	4.08	--	--	--	--	--	454	31.2	6.72
02...	2315	635.41	--	--	4.08	--	--	--	--	--	469	33.5	7.05
03...	0015	635.41	--	--	4.08	--	--	--	--	--	459	31.6	6.71

03339030 GRAPE CREEK NEAR HEGELER, IL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 2 of 7
[Remark codes: <, less than; E, estimated.]

Date	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Aluminum, water, fltrd, µg/L (01106)	Antimony, water, fltrd, µg/L (01095)	Arsenic water, fltrd, µg/L (01000)	Barium, water, fltrd, µg/L (01005)	Beryllium, water, fltrd, µg/L (01010)	Boron, water, fltrd, µg/L (01020)	Cadmium water, fltrd, µg/L (01025)
Aug													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
01...	38.0	5.39	68.8	2,170	<.06	.010	48,300	<.12	4.0	15	11.4	3,560	18.5
01...	35.3	4.25	67.0	2,210	<.06	E.006	49,000	<.12	4.3	16	E10.2	3,480	19.0
01...	37.5	5.93	60.1	2,410	<.06	.004	42,700	<.60	3.3	20	14.9	3,270	19.1
01...	35.9	6.54	62.7	2,230	<.06	.004	51,100	<.06	3.4	18	7.89	3,510	18.0
01...	36.9	5.79	65.5	2,400	<.06	.004	46,200	<.60	3.4	16	17.0	3,350	21.1
01...	39.5	5.85	64.6	2,440	<.06	.014	45,900	<.60	2.8	16	14.7	3,470	19.0
01...	35.8	5.85	64.6	2,690	<.06	.006	48,200	<.60	4.1	18	18.1	3,510	25.8
01...	36.8	6.28	64.2	2,720	<.06	.003	45,400	<.60	4.5	19	16.9	3,300	23.4
01...	35.8	6.13	63.3	2,730	<.06	.002	49,000	<.60	3.9	18	16.2	3,510	21.5
01...	35.9	6.43	64.8	2,580	<.06	<.002	46,800	<.60	3.5	17	13.3	3,460	21.3
01...	36.1	5.82	62.9	2,760	<.06	<.002	45,700	<.60	2.3	16	16.1	3,400	21.8
01...	36.2	6.09	65.7	2,620	<.06	<.002	44,600	<.60	3.6	14	12.4	3,330	22.0
01...	36.2	3.90	109	2,270	<.06	<.002	93,200	<.12	1.0	5	9.20	3,920	64.5
02...	36.1	6.46	65.4	2,650	<.06	<.002	40,200	<.60	3.3	14	12.5	3,280	18.7
02...	36.3	6.27	66.0	2,630	<.06	<.002	44,600	<.60	3.9	15	12.9	3,470	22.4
02...	34.7	6.40	64.5	2,710	<.06	<.002	42,800	<.60	4.5	15	14.7	3,400	21.4
02...	34.6	5.58	66.3	2,760	<.06	<.002	42,500	<.60	4.5	13	14.4	3,220	21.6
02...	36.4	6.32	66.7	2,690	<.06	.005	47,900	<.60	4.3	14	14.6	3,400	22.9
02...	35.1	6.10	66.5	2,560	<.06	<.002	45,500	<.60	4.3	14	13.8	3,460	21.4
02...	36.1	5.94	67.1	2,740	<.06	<.002	48,200	<.60	4.5	13	14.9	3,630	22.8
02...	36.3	6.21	67.4	2,710	<.06	E.001	48,800	<.60	5.2	13	16.6	3,460	24.5
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
02...	36.2	5.78	67.5	2,280	<.06	<.002	49,500	<.12	4.0	13	7.76	3,510	19.6
02...	34.6	5.38	66.3	2,290	<.06	<.002	49,700	<.12	4.2	15	6.06	3,500	19.2
02...	33.7	4.60	64.9	2,390	<.06	.002	47,900	<.60	3.3	10	14.5	3,320	18.7
02...	34.7	5.92	67.4	2,250	<.06	.005	49,600	<.12	4.3	15	7.56	3,420	21.5
02...	38.0	5.91	71.0	2,260	<.06	.005	49,000	<.12	4.1	15	7.04	3,420	20.8
02...	37.3	6.11	66.3	2,240	<.06	.004	48,500	<.12	3.7	19	5.66	3,580	19.8
02...	35.0	5.68	65.2	2,260	<.06	.004	49,100	<.12	3.2	17	6.24	3,580	19.4
02...	35.3	5.71	64.6	2,260	<.06	.004	47,100	<.12	3.6	18	6.12	3,350	20.3
02...	36.7	5.80	64.2	2,210	<.06	.005	49,300	<.12	3.6	18	10.4	3,610	21.0
02...	35.3	6.68	63.8	2,260	<.06	.003	44,900	<.60	2.7	14	13.7	3,260	19.6
02...	37.1	6.28	65.4	2,240	<.06	.002	48,600	<.60	3.6	17	9.90	3,410	22.8
02...	33.6	6.68	61.0	2,250	<.06	.003	48,000	<.60	2.9	15	12.6	3,540	18.8
02...	37.5	4.95	65.1	2,520	<.06	.002	48,100	<.60	3.7	16	8.20	3,410	19.5
02...	37.1	6.63	66.7	2,280	<.06	<.002	42,600	<.60	3.1	14	13.5	3,340	19.0
02...	34.1	4.51	63.4	2,490	<.06	<.002	46,200	<.60	4.0	14	14.7	3,490	21.0
02...	35.6	4.86	63.1	2,520	<.06	<.002	45,300	E.30	42.0	202	64.1	3,290	201
03...	34.0	4.74	65.7	2,500	<.06	<.002	43,900	<.60	4.1	13	14.6	3,210	21.7

03339030 GRAPE CREEK NEAR HEGELER, IL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 7
[Remark codes: <, less than; E, estimated.]

Date	Chromium, water, fltrd, µg/L (01030)	Cobalt water, fltrd, µg/L (01035)	Copper, water, fltrd, µg/L (01040)	Iron, water, fltrd, µg/L (01046)	Lead, water, fltrd, µg/L (01049)	Lithium water, fltrd, µg/L (01130)	Manganese, water, fltrd, µg/L (01056)	Mercury water, fltrd, µg/L (71890)	Molybdenum, water, fltrd, µg/L (01060)	Nickel, water, fltrd, µg/L (01065)	Selenium, water, fltrd, µg/L (01145)	Silver, water, fltrd, µg/L (01075)	Strontium, water, fltrd, µg/L (01080)
Aug													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
01...	.58	56.5	1.0	121,000	3.00	780	3,730	--	<4	246	.78	<.2	540
01...	.56	55.3	1.2	106,000	3.12	639	3,570	--	<.2	380	.74	<.2	546
01...	<1.2	52.5	E3.4	82,600	3.00	655	3,810	--	<1.2	255	E.70	<1.0	548
01...	.44	46.4	2.1	91,600	3.23	677	3,860	--	<.1	364	.64	<.1	500
01...	E.60	56.4	E3.8	95,700	3.00	721	3,900	--	<1.2	276	E.50	<1.0	564
01...	<1.2	52.2	E2.9	92,500	2.80	639	3,570	<.010	<1.2	256	.80	<1.0	540
01...	E.60	68.5	E3.7	112,000	3.00	744	4,370	--	<1.2	320	1.0	<1.0	842
01...	E.60	66.7	E2.6	103,000	2.90	697	4,280	--	<1.2	309	1.1	<1.0	824
01...	E.60	67.7	E2.3	129,000	2.40	643	4,300	--	<1.2	317	1.0	<1.0	801
01...	E.60	59.2	<4.0	143,000	2.00	510	3,790	--	<1.2	282	E.70	<1.0	687
01...	<1.2	64.5	E2.7	33,600	1.80	676	4,070	--	<1.2	302	1.1	<1.0	768
01...	<1.2	58.1	7.6	156,000	2.10	524	3,650	--	<1.2	277	.80	<1.0	681
01...	2.3	24.0	11.7	12,200	1.14	157	2,800	--	<.2	95.9	.56	<.2	754
02...	<1.2	54.4	E2.2	152,000	1.60	515	3,400	--	<1.2	258	.80	<1.0	664
02...	<1.2	59.8	<4.0	158,000	2.10	516	3,770	--	<1.2	285	.80	<1.0	705
02...	<1.2	64.1	<4.0	168,000	2.00	657	4,070	--	<1.2	300	.90	<1.0	767
02...	<1.2	60.1	4.5	156,000	2.40	636	3,740	--	<1.2	283	.90	<1.0	724
02...	<1.2	65.6	<4.0	166,000	2.20	631	4,070	--	<1.2	310	.90	<1.0	795
02...	E.60	62.9	<4.0	166,000	2.30	548	4,110	<.010	<1.2	297	.80	<1.0	618
02...	E.60	63.1	<4.0	164,000	2.20	620	3,940	--	<1.2	302	1.0	<1.0	746
02...	E.60	68.1	<4.0	153,000	2.70	674	4,200	--	<1.2	320	1.0	<1.0	785
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
02...	.54	50.2	.84	143,000	2.42	663	2,960	--	<.2	367	.56	<.2	445
02...	.54	49.7	4.7	120,000	3.08	146	2,860	--	<.2	384	.56	<.2	428
02...	E.60	55.4	4.1	120,000	2.70	628	3,460	<.010	<1.2	271	E.60	<1.0	495
02...	.58	51.5	1.4	113,000	3.36	639	3,100	--	<.2	391	.58	<.2	453
02...	.52	48.3	1.3	104,000	3.24	191	2,900	--	<.2	294	.56	<.2	443
02...	.50	47.0	1.4	93,400	3.28	138	2,890	--	<.2	406	.50	<.2	438
02...	.50	48.4	1.9	87,600	2.94	161	2,990	--	<.2	390	.56	<.2	508
02...	.50	48.5	1.3	102,000	3.24	145	2,820	--	<.2	349	.52	<.2	447
02...	.56	55.6	1.6	96,800	3.26	677	3,720	<.010	<.2	316	.66	<.2	461
02...	E.60	54.7	E3.0	90,000	2.70	568	3,520	--	<1.2	265	E.50	<1.0	540
02...	E.70	50.7	E2.5	102,000	3.00	303	3,550	--	<1.2	258	E.50	<1.0	489
02...	<1.2	51.7	7.7	116,000	2.70	532	3,320	--	<1.2	251	E.50	<1.0	550
02...	E.60	44.9	<4.0	116,000	2.60	257	3,120	--	<1.2	229	E.40	<1.0	454
02...	E.60	56.8	E2.2	127,000	2.00	642	3,700	--	<1.2	278	E.70	<1.0	530
02...	E.60	57.0	10.5	150,000	2.50	596	3,770	--	<1.2	278	E.70	<1.0	562
02...	6.3	482	17.2	127,000	26.2	607	3,550	--	1.2	281	4.9	E.6	4,310
03...	E.70	58.9	E2.7	136,000	2.10	561	3,900	--	<1.2	287	.80	<1.0	550

03339030 GRAPE CREEK NEAR HEGELER, IL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 4 of 7
[Remark codes: <, less than; E, estimated.]

Date	Thallium, water, fltrd, µg/L (01057)	Vanadium, water, fltrd, µg/L (01085)	Zinc, water, fltrd, µg/L (01090)	Uranium natural water, fltrd, µg/L (22703)	Number of sampling points, count (00063)	Sample purpose code (71999)	Sampler type, code (84164)	Type of sample related QA data, code (99111)
Aug								
01...	--	--	--	--	--	--	--	--
01...	.16	3.5	61,000	.16	--	--	--	--
01...	.16	3.8	61,000	.18	--	--	--	--
01...	<.40	2.5	52,500	E.20	--	--	--	--
01...	.15	2.1	61,600	.20	--	--	--	--
01...	E.20	3.3	58,200	E.20	--	--	--	--
01...	E.20	2.8	58,300	E.20	--	--	--	--
01...	E.20	3.9	60,700	E.20	--	--	--	--
01...	E.20	3.5	58,200	E.20	--	--	--	--
01...	<.40	4.1	61,700	E.20	--	--	--	--
01...	E.20	4.1	60,600	<.40	--	--	--	--
01...	<.40	<.40	60,600	<.40	1	10.00	4035	1
01...	E.20	3.8	59,400	<.40	--	--	--	--
01...	<.08	.16	44,400	3.10	--	--	--	--
02...	<.40	3.6	55,900	<.40	--	--	--	--
02...	E.20	4.2	60,600	<.40	--	--	--	--
02...	E.20	4.0	59,200	<.40	--	--	--	--
02...	E.20	4.3	58,000	<.40	--	--	--	--
02...	E.20	4.9	61,100	<.40	--	--	--	--
02...	E.20	5.1	61,600	<.40	--	--	--	--
02...	E.20	4.8	64,300	<.40	--	--	--	--
02...	E.20	5.1	62,100	<.40	--	--	--	--
02...	--	--	--	--	--	--	--	--
02...	.14	3.8	61,500	.10	--	--	--	--
02...	.14	3.7	61,200	.10	--	--	--	--
02...	<.40	4.4	60,800	<.40	--	--	--	--
02...	.16	3.6	61,000	.12	--	--	--	--
02...	.14	3.2	59,100	.14	--	--	--	--
02...	.14	2.6	60,000	.18	--	--	--	--
02...	.14	2.6	60,100	.18	--	--	--	--
02...	.16	2.8	57,600	.18	--	--	--	--
02...	.16	3.1	62,600	.20	--	--	--	--
02...	<.40	3.4	54,300	<.40	--	--	--	--
02...	E.20	3.5	59,300	E.20	--	--	--	--
02...	<.40	3.3	60,600	<.40	--	--	--	--
02...	<.40	3.2	60,800	<.40	--	--	--	--
02...	<.40	4.0	56,200	<.40	--	--	--	--
02...	E.20	3.9	62,000	<.40	--	--	--	--
02...	1.50	36.3	57,800	1.30	--	--	--	--
03...	E.20	4.1	57,100	<.40	--	--	--	--

03339030 GRAPE CREEK NEAR HEGELER, IL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 5 of 7
[Remark codes: <, less than; E, estimated.]

Date	Time	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Aluminum, water, fltrd, µg/L (01106)
Aug													
03...	0115	635.41	4.08	494	33.9	7.45	36.5	4.63	68.8	2,570	<.06	.006	49,400
03...	0215	635.41	4.08	493	34.6	7.56	36.4	6.38	68.8	2,290	<.06	<.002	46,800
03...	0315	635.41	4.08	472	32.4	7.17	34.9	4.70	66.2	2,570	<.06	<.002	48,700
03...	0415	635.41	4.08	462	30.7	6.68	33.8	4.51	66.3	2,540	<.06	<.002	46,800
03...	0515	635.41	4.08	468	31.6	6.82	34.4	4.58	67.5	2,440	<.06	<.002	46,000
03...	0615	635.41	4.08	461	31.6	6.85	33.5	4.51	65.0	2,540	<.06	<.002	43,100
03...	0715	635.41	4.08	476	32.5	7.11	35.2	6.23	66.8	2,320	<.06	<.002	48,200
03...	0815	635.41	4.08	463	31.3	6.81	33.8	4.54	67.6	2,460	<.06	<.002	45,200
03...	0915	635.41	4.08	482	32.2	6.93	35.6	5.72	68.1	2,310	<.06	.003	47,400
03...	1015	635.41	4.08	473	32.6	7.13	34.8	5.72	65.5	2,310	<.06	.002	51,600
03...	1115	635.41	4.08	511	29.3	4.71	37.6	4.35	110	2,300	<.06	<.002	92,700

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 6 of 7
[Remark codes: <, less than; E, estimated.]

Date	Antimony, water, fltrd, µg/L (01095)	Arsenic water, fltrd, µg/L (01000)	Barium, water, fltrd, µg/L (01005)	Beryllium, water, fltrd, µg/L (01010)	Boron, water, fltrd, µg/L (01020)	Cadmium water, fltrd, µg/L (01025)	Chromium, water, fltrd, µg/L (01030)	Cobalt water, fltrd, µg/L (01035)	Copper, water, fltrd, µg/L (01040)	Iron, water, fltrd, µg/L (01046)	Lead, water, fltrd, µg/L (01049)	Lithium water, fltrd, µg/L (01130)	Manganese, water, fltrd, µg/L (01056)
Aug													
03...	<.60	3.8	13	9.20	3,620	19.8	<1.2	49.5	<4.0	147,000	2.00	292	3,340
03...	<.60	3.2	10	13.5	3,460	18.1	E.60	54.7	<4.0	146,000	2.00	605	3,400
03...	<.60	3.9	14	8.90	3,540	20.1	E.60	50.5	<4.0	156,000	2.20	280	3,440
03...	<.60	4.3	13	13.5	3,180	21.3	E.80	60.8	E2.4	152,000	2.10	518	4,020
03...	<.60	5.2	14	18.9	3,390	24.0	E.80	69.6	E2.1	164,000	2.50	762	4,560
03...	<.60	4.1	12	15.6	3,190	20.8	E.70	59.8	<4.0	159,000	2.00	615	3,920
03...	<.60	2.9	10	12.2	3,590	18.9	<1.2	54.1	E2.3	159,000	2.00	527	3,340
03...	<.60	4.8	13	16.5	3,210	22.6	E.70	63.4	<4.0	134,000	3.00	624	4,140
03...	<.60	3.3	11	12.8	3,360	19.1	<1.2	53.5	E2.4	118,000	2.60	552	3,380
03...	<.12	4.6	14	8.50	3,480	20.4	.62	61.0	1.6	107,000	3.70	661	3,600
03...	<.12	.96	6	7.58	4,020	73.5	1.9	23.9	12.4	11,000	1.30	699	2,620

03339030 GRAPE CREEK NEAR HEGELER, IL—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 7 of 7
[Remark codes: <, less than; E, estimated.]

Date	Mercury water, fltrd, µg/L (71890)	Molyb-denum, water, fltrd, µg/L (01060)	Nickel, water, fltrd, µg/L (01065)	Selen-ium, water, fltrd, µg/L (01145)	Silver, water, fltrd, µg/L (01075)	Stront-ium, water, fltrd, µg/L (01080)	Thall-ium, water, fltrd, µg/L (01057)	Vanad-ium, water, fltrd, µg/L (01085)	Zinc, water, fltrd, µg/L (01090)	Uranium natural water, fltrd, µg/L (22703)
Aug										
03...	--	<1.2	255	E.50	<1.0	446	<.40	4.3	65,200	<.40
03...	--	<1.2	266	E.60	<1.0	513	<.40	4.2	59,600	<.40
03...	--	<1.2	260	E.50	<1.0	473	E.20	4.2	63,600	<.40
03...	--	<1.2	299	E.60	<1.0	540	E.20	4.8	58,000	<.40
03...	<.010	<1.2	337	1.0	<1.0	662	E.20	5.8	61,000	<.40
03...	--	<1.2	292	.90	<1.0	559	<.40	5.2	57,200	<.40
03...	--	<1.2	264	E.60	<1.0	536	<.40	4.1	62,100	<.40
03...	<.010	<1.2	310	.90	<1.0	588	E.20	4.7	59,200	<.40
03...	--	<1.2	261	E.60	<1.0	586	<.40	3.3	59,000	<.40
03...	--	<.2	273	.54	<.2	576	E.20	3.8	63,200	<.40
03...	--	<.2	92.9	.48	<.2	1,030	<.40	.10	44,700	3.70