



Water-Data Report 2011

312143085230301 Local number Ag & Industries 2

Undefined Aquifer

Henry County, AL

LOCATION.--Lat 31°21'43", long 85°23'03", Henry County, AL, Hydrologic Unit 03140201.

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Temperature, water, °C (00010)	Temperature, air, °C (00020)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Caffeine, water, filtered, recoverable, µg/L (50305)	pH, water, unfiltered, field, standard units (00400)	Hydrogen ion, water, unfiltered, calculated, mg/L (00191)	Sulfate, water, unfiltered, field, milligrams per liter (99127)	Nitrate, water, unfiltered, field, milligrams per liter as nitrogen (99124)
09-20-2011	1230	21.1	24.5	203	8.4	< .08	4.2	.05668	.0	15

Date	Sample start time	Iron(II), water, unfiltered, field, milligrams per liter (99128)
09-20-2011	1230	.00

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PESTICIDE ANALYSES
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[µg/L, micrograms per liter; <, less than; E, estimated]

Date	Terbutyl- azine, water, filtered, recover- able, µg/L (04022)	Hexa- zinone, water, filtered, recover- able, µg/L (04025)	Bromacil, water, filtered, recover- able, µg/L (04029)	Cycloate, water, filtered, recover- able, µg/L (04031)	Terbacil, water, filtered, recover- able, µg/L (04032)	Di- phenamid, water, filtered, recover- able, µg/L (04033)	Simazine, water, filtered, recover- able, µg/L (04035)	Prometryn, water, filtered, recover- able, µg/L (04036)	Prometon, water, filtered, recover- able, µg/L (04037)	2-Chloro-6- ethyl- amino-4- triazine, water, filtered, recover- able, µg/L (04038)
	09-20-2011	<.0060	<.008	<.06	<.04	<.04	<.04	<.006	<.006	<.012

Date	2-Chloro-4- isopropyl- amino-6- amino-s- triazine, water, filtered, recover- able, µg/L (04040)	Cyanazine, water, filtered, recover- able, µg/L (04041)	Fonofos, water, filtered, recover- able, µg/L (04095)	Dicamba, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38442)	Linuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38478)	MCPA, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38487)	Methio- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38501)	Propoxur, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38538)	Siduron, water, filtered, recover- able, µg/L (38548)
	09-20-2011	E .0324	<.022	<.0048	<.04	<.04	<.04	<.2	<.04	<.06

Date	Bentazon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38711)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38746)	Fluome- turon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38811)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38866)	Chlor- pyrifos, water, filtered, recover- able, µg/L (38933)	Dieldrin, water, filtered, recover- able, µg/L (39381)	Metola- chlor, water, filtered, recover- able, µg/L (39415)	Malathion, water, filtered, recover- able, µg/L (39532)	Diazinon, water, filtered, recover- able, µg/L (39572)	Atrazine, water, filtered, recover- able, µg/L (39632)
	09-20-2011	<.06	<.02	<.04	<.12	<.0036	<.008	.0077	<.016	<.0060

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PESTICIDE ANALYSES
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[µg/L, micrograms per liter; <, less than]

Date	2,4-D,	Alachlor,	Triclopyr,	Propham,	Aceto-	Picloram,	Oryzalin,	Nor-	Neburon,	Methomyl,
	water, filtered, recover- able, µg/L (39732)	water, filtered, recover- able, µg/L (46342)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49235)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49236)	chlor, water, filtered, recover- able, µg/L (49260)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49291)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49292)	flurazon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49293)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49294)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49296)
09-20-2011	<.06	<.008	<.08	<.04	<.010	<.12	<.04	<.04	<.02	<.12

Date	Fenuron,	Diuron,	Dinoseb,	Dichlor-	Dacthal	3-Hydroxy	Carbo-	Carbo-	Carbaryl,	Brom-
	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49297)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49300)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49301)	prop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49302)	monoacid, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49304)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49305)	carbo- furan, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49308)	fur- an, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49309)	fur- an, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49310)	oxynil, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49311)
09-20-2011	<.06	<.04	.076	<.04	<.04	<.06	<.04	<.04	<.04	<.12

Date	Aldicarb,	Aldicarb	Aldicarb	Acifluor-	Bendio-	Benomyl,	Chlori-	Sulfo-	2-Hydroxy-	Imazaquin,
	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49312)	sulfone, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49313)	sulfoxide, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49314)	fen, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49315)	carb, water, filtered, recover- able, µg/L (50299)	water, filtered, recover- able, µg/L (50300)	muron- ethyl, water, filtered, recover- able, µg/L (50306)	meturon- methyl, water, filtered, recover- able, µg/L (50337)	4-iso- propyl- amino-6- ethyl- amino-s- triazine, water, filtered, recover- able, µg/L (50355)	water, filtered, recover- able, µg/L (50356)
09-20-2011	<.12	<.08	<.06	<.04	<.04	<.06	<.08	<.06	<.06	<.06

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PESTICIDE ANALYSES
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[µg/L, micrograms per liter; <, less than; E, estimated]

Date	Metalaxyl, water, filtered, recover- able, µg/L (50359)	Nico- sulfuron, water, filtered, recover- able, µg/L (50364)	Imaze- thapyr, water, filtered, recover- able, µg/L (50407)	2,4-D methyl ester, water, filtered, recover- able, µg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, microgram s per liter as 2,4-D (66496)	Propicon- azole, water, filtered, recover- able, µg/L (50471)	Chlor- amben methyl ester, water, filtered, recover- able, µg/L (61188)	N-(4- Chloro- phenyl)- N'-methyl- urea, water, filtered, recover- able, µg/L (61692)	Ben- sulfuron- methyl, water, filtered, recover- able, µg/L (61693)	Flumet- sulam, water, filtered, recover- able, µg/L (61694)
09-20-2011	< .04	< .10	< .06	< .2	< .06	< .04	< .10	< .06	< .06	< .06

Date	Imi- dacloprid, water, filtered, recover- able, µg/L (61695)	Metsul- furon- methyl, water, filtered, recover- able, µg/L (61697)	Metri- buzin, water, filtered, recover- able, µg/L (82630)	2,6- Diethyl- aniline, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82660)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82661)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82667)	EPTC, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82668)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82670)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82671)
09-20-2011	< .06	< .14	< .012	< .0060	< .018	< .020	< .008	< .0056	E .109	< .0040

Date	Ethoprop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82672)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82673)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82675)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82676)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82677)	Propanil, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82679)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82680)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82681)
09-20-2011	< .016	< .014	< .060	< .018	< .0036	< .040	< .010	< .06	< .016

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PESTICIDE ANALYSES
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[µg/L, micrograms per liter; <, less than]

Date	DCPA, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82682)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82683)	Propargite, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82685)	Azinphos- methyl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82686)	cis- Permeth- rin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82687)	1- Naphthol, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49295)	2-Chloro- 2',6'- diethyl- acetanil- ide, water, filtered, recover- able, µg/L (61618)	2-Ethyl-6- methyl- aniline, water, filtered, recover- able, µg/L (61620)	3,4- Dichloro- aniline, water, filtered, recover- able, µg/L (61625)	3,5-Di- chloro- aniline, water, filtered, recover- able, µg/L (61627)
09-20-2011	<.0076	<.012	<.020	<.12	<.010	<.036	<.010	<.010	<.0042	<.0040

Date	4-Chloro-2- methyl- phenol, water, filtered, recover- able, µg/L (61633)	alpha- Endo- sulfan, water, filtered, recover- able, µg/L (34362)	Azinphos- methyl oxygen analog, water, filtered, recover- able, µg/L (61635)	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)	cis- Propicon- azole, water, filtered, recover- able, µg/L (79846)	Cyfluthrin, water, filtered, recover- able, µg/L (61585)	lambda- Cyhalo- thrin, water, filtered, recover- able, µg/L (61595)	Cyper- methrin, water, filtered, recover- able, µg/L (61586)	Desulfinyl- fipronil, water, filtered, recover- able, µg/L (62170)	Dicroto- phos, water, filtered, recover- able, µg/L (38454)
09-20-2011	<.0046	<.006	<.042	<.06	<.008	<.016	<.010	<.020	<.012	<.08

Date	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82662)	Disulfoton sulfone, water, filtered, recover- able, µg/L (61640)	Endosulfan sulfate, water, filtered, recover- able, µg/L (61590)	Ethion monoxon, water, filtered, recover- able, µg/L (61644)	Ethion, water, filtered, recover- able, µg/L (82346)	Fenami- phos sulfone, water, filtered, recover- able, µg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, µg/L (61646)	Fenami- phos, water, filtered, recover- able, µg/L (61591)	Desulfinyl- fipronil amide, water, filtered, recover- able, µg/L (62169)	Fipronil sulfide, water, filtered, recover- able, µg/L (62167)
09-20-2011	<.006	<.014	<.016	<.021	<.008	<.054	<.08	<.030	<.029	<.012

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PESTICIDE ANALYSES
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[µg/L, micrograms per liter; <, less than]

Date	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofen-phos, water, filtered, recoverable, µg/L (61594)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Metalaxyl, water, filtered, recoverable, µg/L (61596)	Methidathion, water, filtered, recoverable, µg/L (61598)	Methyl paraoxon, water, filtered, recoverable, µg/L (61664)	Myclobutanil, water, filtered, recoverable, µg/L (61599)	Oxyfluorfen, water, filtered, recoverable, µg/L (61600)
09-20-2011	< .024	< .018	< .014	< .006	< .022	< .014	< .012	< .014	< .010	< .006

Date	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Tefluthrin, water, filtered, recoverable, µg/L (61606)	Terbufos oxygen analog sulfone, water, filtered, recoverable, µg/L (61674)	trans-Propiconazole, water, filtered, recoverable, µg/L (79847)	Tribuphos, water, filtered, recoverable, µg/L (61610)	Dichlorvos, water, filtered, recoverable, µg/L (38775)
09-20-2011	< .027	< .0511	< .14	< .010	< .045	< .010	< .018	< .04