

DEP Water Quality Monitoring Report

Project: SPRS1307
Project Name: SPRS1307-SANTA FE RESTORATION
Collection Agency: DEP GROUND WATER PROTECTION
Date Range: Aug 20, 2013 to Aug 28, 2013
Counties: COLUMBIA
ALACHUA
GILCHRIST

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station:

County:

Station Name: BLANK

Waterbody:

Latitude:

Owner:

Longitude:

Date & Time: 08/22/2013--12:06

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	0.65	U	mg/L	BLANK
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	BLANK
Ammonia, Total (as N)	0.002	U	mg/L	BLANK
Boron, Total	2.0	U	ug/L	BLANK
Calcium, Total	0.13	I	mg/L	BLANK
Chloride, Total	0.20	U	mg/L	BLANK
Color (true)	2.5	U	PCU	BLANK
Fluoride, Total	0.035	U	mg/L	BLANK
Magnesium, Total	0.040	U	mg/L	BLANK
Nitrate+Nitrite, Total (as N)	0.004	U	mg/L	BLANK
Organic Carbon, Total	0.50	U	mg/L	BLANK
Orthophosphate, Dissolved (as P)	0.004	U	mg/L	BLANK
Phosphorus, Total (as P)	0.002	U	mg/L	BLANK
Potassium, Total	0.30	U	mg/L	BLANK
Sodium, Total	0.50	U	mg/L	BLANK
Sucralose	0.0098	U	ug/L	BLANK
Sulfate, Total	0.20	U	mg/L	BLANK
Total Dissolved Solids (TDS measured)	15	U	mg/L	BLANK
Total Suspended Solids (TSS)	2	U	mg/L	BLANK
Turbidity	0.10	U	ntu	BLANK

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station:

County:

Station Name: BLANK

Waterbody:

Latitude:

Owner:

Longitude:

Date & Time: 08/26/2013--13:50

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	0.65	U	mg/L	BLANK
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	BLANK
Ammonia, Total (as N)	0.002	U	mg/L	BLANK
Boron, Total	2.0	U	ug/L	BLANK
Calcium, Total	0.075	U	mg/L	BLANK
Chloride, Total	0.20	U	mg/L	BLANK
Color (true)	2.5	U	PCU	BLANK
Fluoride, Total	0.035	U	mg/L	BLANK
Magnesium, Total	0.040	U	mg/L	BLANK
Nitrate+Nitrite, Total (as N)	0.027		mg/L	BLANK
Organic Carbon, Total	0.50	U	mg/L	BLANK
Orthophosphate, Dissolved (as P)	0.004	U	mg/L	BLANK
Phosphorus, Total (as P)	0.002	U	mg/L	BLANK
Potassium, Total	0.30	U	mg/L	BLANK
Sodium, Total	0.50	U	mg/L	BLANK
Sucralose	0.010	U	ug/L	BLANK
Sulfate, Total	0.20	U	mg/L	BLANK
Total Dissolved Solids (TDS measured)	15	U	mg/L	BLANK
Total Suspended Solids (TSS)	2	U	mg/L	BLANK
Turbidity	0.10	U	ntu	BLANK

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station:

County:

Station Name: BLANK

Waterbody:

Latitude:

Owner:

Longitude:

Date & Time: 08/27/2013--10:30

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	0.65	U	mg/L	BLANK
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	BLANK
Ammonia, Total (as N)	0.002	U	mg/L	BLANK
Boron, Total	2.0	U	ug/L	BLANK
Calcium, Total	0.15	I	mg/L	BLANK
Chloride, Total	0.20	U	mg/L	BLANK
Color (true)	2.5	U	PCU	BLANK
Fluoride, Total	0.035	U	mg/L	BLANK
Magnesium, Total	0.040	U	mg/L	BLANK
Nitrate+Nitrite, Total (as N)	0.004	U	mg/L	BLANK
Organic Carbon, Total	0.52	I	mg/L	BLANK
Orthophosphate, Dissolved (as P)	0.004	U	mg/L	BLANK
Phosphorus, Total (as P)	0.002	I	mg/L	BLANK
Potassium, Total	0.30	U	mg/L	BLANK
Sodium, Total	0.50	U	mg/L	BLANK
Sucralose	0.010	U	ug/L	BLANK
Sulfate, Total	0.20	U	mg/L	BLANK
Total Dissolved Solids (TDS measured)	15	U	mg/L	BLANK
Total Suspended Solids (TSS)	2	U	mg/L	BLANK
Turbidity	0.10	U	ntu	BLANK

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station:

County:

Station Name: BLANK

Waterbody:

Latitude:

Owner:

Longitude:

Date & Time: 08/27/2013--14:20

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	0.65	U	mg/L	BLANK
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	BLANK
Ammonia, Total (as N)	0.002	U	mg/L	BLANK
Boron, Total	2.0	U	ug/L	BLANK
Calcium, Total	0.075	U	mg/L	BLANK
Chloride, Total	0.20	U	mg/L	BLANK
Color (true)	2.5	U	PCU	BLANK
Fluoride, Total	0.035	U	mg/L	BLANK
Magnesium, Total	0.040	U	mg/L	BLANK
Nitrate+Nitrite, Total (as N)	0.004	U	mg/L	BLANK
Organic Carbon, Total	0.50	U	mg/L	BLANK
Orthophosphate, Dissolved (as P)	0.004	U	mg/L	BLANK
Phosphorus, Total (as P)	0.002	U	mg/L	BLANK
Potassium, Total	0.30	U	mg/L	BLANK
Sodium, Total	0.50	U	mg/L	BLANK
Sucralose	0.0099	U	ug/L	BLANK
Sulfate, Total	0.20	U	mg/L	BLANK
Total Dissolved Solids (TDS measured)	15	U	mg/L	BLANK
Total Suspended Solids (TSS)	2	U	mg/L	BLANK
Turbidity	0.10	U	ntu	BLANK

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station:

County:

Station Name: BLANK

Waterbody:

Latitude:

Owner:

Longitude:

Date & Time: 08/28/2013--10:30

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	0.65	U	mg/L	BLANK
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	BLANK
Ammonia, Total (as N)	0.002	U	mg/L	BLANK
Boron, Total	2.0	U	ug/L	BLANK
Calcium, Total	0.075	U	mg/L	BLANK
Chloride, Total	0.20	U	mg/L	BLANK
Color (true)	2.5	U	PCU	BLANK
Fluoride, Total	0.035	U	mg/L	BLANK
Magnesium, Total	0.040	U	mg/L	BLANK
Nitrate+Nitrite, Total (as N)	0.004	U	mg/L	BLANK
Organic Carbon, Total	0.50	U	mg/L	BLANK
Orthophosphate, Dissolved (as P)	0.004	U	mg/L	BLANK
Phosphorus, Total (as P)	0.002	U	mg/L	BLANK
Potassium, Total	0.30	U	mg/L	BLANK
Sodium, Total	0.50	U	mg/L	BLANK
Sucralose	0.011	U	ug/L	BLANK
Sulfate, Total	0.20	U	mg/L	BLANK
Total Dissolved Solids (TDS measured)	15	U	mg/L	BLANK
Total Suspended Solids (TSS)	2	U	mg/L	BLANK
Turbidity	0.10	U	ntu	BLANK

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station:

County:

Station Name: BLANK

Waterbody:

Latitude:

Owner:

Longitude:

Date & Time: 08/28/2013--13:24

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	0.65	U	mg/L	BLANK
Ammonia+Organic Nitrogen, Total (as N)	0.080	UY	mg/L	BLANK
Ammonia, Total (as N)	0.002	UY	mg/L	BLANK
Boron, Total	2.0	U	ug/L	BLANK
Calcium, Total	0.075	U	mg/L	BLANK
Chloride, Total	0.20	U	mg/L	BLANK
Color (true)	2.5	U	PCU	BLANK
Fluoride, Total	0.035	U	mg/L	BLANK
Magnesium, Total	0.040	U	mg/L	BLANK
Nitrate+Nitrite, Total (as N)	0.004	UY	mg/L	BLANK
Organic Carbon, Total	0.50	UY	mg/L	BLANK
Orthophosphate, Dissolved (as P)	0.004	U	mg/L	BLANK
Phosphorus, Total (as P)	0.002	UY	mg/L	BLANK
Potassium, Total	0.30	U	mg/L	BLANK
Sodium, Total	0.50	U	mg/L	BLANK
Sucralose	0.0097	U	ug/L	BLANK
Sulfate, Total	0.20	U	mg/L	BLANK
Total Dissolved Solids (TDS measured)	15	U	mg/L	BLANK
Total Suspended Solids (TSS)	2	U	mg/L	BLANK
Turbidity	0.10	U	ntu	BLANK

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station:

County:

Station Name: BLANK

Waterbody:

Latitude:

Owner:

Longitude:

Date & Time: 08/28/2013--15:00

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	0.65	U	mg/L	BLANK
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	BLANK
Ammonia, Total (as N)	0.002	U	mg/L	BLANK
Boron, Total	2.0	U	ug/L	BLANK
Calcium, Total	0.075	U	mg/L	BLANK
Chloride, Total	0.20	U	mg/L	BLANK
Color (true)	2.5	U	PCU	BLANK
Fluoride, Total	0.035	U	mg/L	BLANK
Magnesium, Total	0.040	U	mg/L	BLANK
Nitrate+Nitrite, Total (as N)	0.004	U	mg/L	BLANK
Organic Carbon, Total	0.50	U	mg/L	BLANK
Orthophosphate, Dissolved (as P)	0.004	U	mg/L	BLANK
Phosphorus, Total (as P)	0.002	U	mg/L	BLANK
Potassium, Total	0.30	U	mg/L	BLANK
Sodium, Total	0.50	U	mg/L	BLANK
Sucralose	0.0096	U	ug/L	BLANK
Sulfate, Total	0.20	U	mg/L	BLANK
Total Dissolved Solids (TDS measured)	15	U	mg/L	BLANK
Total Suspended Solids (TSS)	2	U	mg/L	BLANK
Turbidity	0.10	U	ntu	BLANK

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station:

County:

Station Name: BLANK

Waterbody:

Latitude:

Owner:

Longitude:

Date & Time: 08/28/2013--16:00

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	0.65	U	mg/L	BLANK
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	BLANK
Ammonia, Total (as N)	0.002	U	mg/L	BLANK
Boron, Total	2.0	U	ug/L	BLANK
Calcium, Total	0.075	U	mg/L	BLANK
Chloride, Total	0.20	U	mg/L	BLANK
Color (true)	2.5	U	PCU	BLANK
Fluoride, Total	0.035	U	mg/L	BLANK
Magnesium, Total	0.040	U	mg/L	BLANK
Nitrate+Nitrite, Total (as N)	0.004	U	mg/L	BLANK
Organic Carbon, Total	0.50	U	mg/L	BLANK
Orthophosphate, Dissolved (as P)	0.004	U	mg/L	BLANK
Phosphorus, Total (as P)	0.002	U	mg/L	BLANK
Potassium, Total	0.30	U	mg/L	BLANK
Sodium, Total	0.50	U	mg/L	BLANK
Sucralose	0.0096	U	ug/L	BLANK
Sulfate, Total	0.20	U	mg/L	BLANK
Total Dissolved Solids (TDS measured)	15	U	mg/L	BLANK
Total Suspended Solids (TSS)	2	U	mg/L	BLANK
Turbidity	0.10	U	ntu	BLANK

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 11418 Station Name: DEVILS EYE SPRING (GILCHRIST) SIPQ Latitude: 295005 Longitude: 824148	County: GILCHRIST Waterbody: DEVILS EYE SPRING (GILCHRIST) Owner: Date & Time: 08/28/2013--12:17
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	176		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.47		mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	14.5		ug/L	PRIMARY
Calcium, Total	71.3		mg/L	PRIMARY
Chloride, Total	8.3		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Fluoride, Total	0.12		mg/L	PRIMARY
Magnesium, Total	7.55		mg/L	PRIMARY
Nitrate+Nitrite, Total (as N)	1.4		mg/L	PRIMARY
Organic Carbon, Total	0.62	I	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.044		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	37		%	PRIMARY
Oxygen, Dissolved, Field	3.19		mg/L	PRIMARY
Phosphorus, Total (as P)	0.046		mg/L	PRIMARY
Potassium, Total	0.43	I	mg/L	PRIMARY
Sodium, Total	4.7		mg/L	PRIMARY
Specific Conductance, Field	407		uS/cm	PRIMARY
Sucralose	0.043	I	ug/L	PRIMARY
Sulfate, Total	14		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	204		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.10	U	ntu	PRIMARY
Turbidity, Field	0.76		ntu	PRIMARY
Water Temperature	22.6		degrees C	PRIMARY
pH, Field	7.1		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 11459 Station Name: GILCHRIST BLUE SPRING SIP Latitude: 294947.641 Longitude: 824058.265	County: GILCHRIST Waterbody: GILCHRIST BLUE SPRING Owner: Date & Time: 08/28/2013--11:11
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	168		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.18	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	12.1		ug/L	PRIMARY
Calcium, Total	68.2		mg/L	PRIMARY
Chloride, Total	6.5		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Fluoride, Total	0.11		mg/L	PRIMARY
Magnesium, Total	7.39		mg/L	PRIMARY
Nitrate+Nitrite, Total (as N)	2.0		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.032		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	55.2		%	PRIMARY
Oxygen, Dissolved, Field	4.74		mg/L	PRIMARY
Phosphorus, Total (as P)	0.036		mg/L	PRIMARY
Potassium, Total	0.45	I	mg/L	PRIMARY
Sodium, Total	3.4		mg/L	PRIMARY
Specific Conductance, Field	383		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	13		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	197		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	0.10	U	ntu	PRIMARY
Turbidity, Field	0.67		ntu	PRIMARY
Water Temperature	22.9		degrees C	PRIMARY
pH, Field	6.9		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 11407	County: GILCHRIST
Station Name: GINNIE SPRING SIP	Waterbody: GINNIE SPRING
Latitude: 295010.821	Owner:
Longitude: 824200.437	Date & Time: 08/28/2013--13:01

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	152		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.099	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	13.0		ug/L	PRIMARY
Calcium, Total	63.1		mg/L	PRIMARY
Chloride, Total	5.9		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Fluoride, Total	0.096	I	mg/L	PRIMARY
Magnesium, Total	6.51		mg/L	PRIMARY
Nitrate+Nitrite, Total (as N)	1.5		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.034		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	49.1		%	PRIMARY
Oxygen, Dissolved, Field	4.24		mg/L	PRIMARY
Phosphorus, Total (as P)	0.035		mg/L	PRIMARY
Potassium, Total	0.34	I	mg/L	PRIMARY
Sodium, Total	3.2		mg/L	PRIMARY
Specific Conductance, Field	348		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	12		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	180		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.10		ntu	PRIMARY
Turbidity, Field	0.77		ntu	PRIMARY
Water Temperature	22.6		degrees C	PRIMARY
pH, Field	7.2		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42619	County: GILCHRIST
Station Name: MSFMW1	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 294331.709	Owner:
Longitude: 824223.73	Date & Time: 08/26/2013--15:18

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	105		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.092	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.006		mg/L	PRIMARY
Boron, Total	9.5		ug/L	PRIMARY
Calcium, Total	40.1		mg/L	PRIMARY
Chloride, Total	5.4	A	mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	33.18		feet	PRIMARY
Fluoride, Total	0.043	I	mg/L	PRIMARY
Magnesium, Total	1.46		mg/L	PRIMARY
Measuring Point Elevation (from mse)	70.1		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	0.82	J	mg/L	PRIMARY
Organic Carbon, Total	0.50	UJ	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.055	J	mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	76		%	PRIMARY
Oxygen, Dissolved, Field	6.49		mg/L	PRIMARY
Phosphorus, Total (as P)	0.058		mg/L	PRIMARY
Potassium, Total	1.8		mg/L	PRIMARY
Sodium, Total	5.4		mg/L	PRIMARY
Specific Conductance, Field	233		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	1.8	A	mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	118		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.30		ntu	PRIMARY
Turbidity, Field	1.18		ntu	PRIMARY
Water Temperature	23.3		degrees C	PRIMARY
pH, Field	8		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42674	County: ALACHUA
Station Name: MSFMW10	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 29468.234	Owner:
Longitude: 823246.820	Date & Time: 08/27/2013--16:26

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	173		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.087	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	9.3		ug/L	PRIMARY
Calcium, Total	79.2		mg/L	PRIMARY
Chloride, Total	7.4		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	54.39		feet	PRIMARY
Fluoride, Total	0.071	I	mg/L	PRIMARY
Magnesium, Total	1.93		mg/L	PRIMARY
Measuring Point Elevation (from mse)	88.8		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	5.3		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.038		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	80.3		%	PRIMARY
Oxygen, Dissolved, Field	6.79		mg/L	PRIMARY
Phosphorus, Total (as P)	0.042		mg/L	PRIMARY
Potassium, Total	0.86	I	mg/L	PRIMARY
Sodium, Total	3.6		mg/L	PRIMARY
Specific Conductance, Field	410		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	1.7		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	253	A	mg/L	PRIMARY
Total Suspended Solids (TSS)	3	I	mg/L	PRIMARY
Turbidity	0.50		ntu	PRIMARY
Turbidity, Field	2.68		ntu	PRIMARY
Water Temperature	23.7		degrees C	PRIMARY
pH, Field	7		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42677 Station Name: MSFMW11 Latitude: 294331.472 Longitude: 824340.911	County: GILCHRIST Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/26/2013--14:38
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	182		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.16	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	10.4		ug/L	PRIMARY
Calcium, Total	95.4		mg/L	PRIMARY
Chloride, Total	16		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	32.63		feet	PRIMARY
Fluoride, Total	0.049	I	mg/L	PRIMARY
Magnesium, Total	2.94		mg/L	PRIMARY
Measuring Point Elevation (from mse)	75.6		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	13		mg/L	PRIMARY
Organic Carbon, Total	0.50	UJ	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.060	J	mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	65.4		%	PRIMARY
Oxygen, Dissolved, Field	5.55		mg/L	PRIMARY
Phosphorus, Total (as P)	0.064		mg/L	PRIMARY
Potassium, Total	2.1		mg/L	PRIMARY
Sodium, Total	5.8		mg/L	PRIMARY
Specific Conductance, Field	517		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	8.1		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	353		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.25		ntu	PRIMARY
Turbidity, Field	1.59		ntu	PRIMARY
Water Temperature	23.5		degrees C	PRIMARY
pH, Field	6.9		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42680	County: GILCHRIST
Station Name: MSFMW12	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 294445.034	Owner:
Longitude: 823941.112	Date & Time: 08/27/2013--14:02

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	341		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.40	U	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	10.6		ug/L	PRIMARY
Calcium, Total	194		mg/L	PRIMARY
Chloride, Total	19		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	59.18		feet	PRIMARY
Fluoride, Total	0.067	I	mg/L	PRIMARY
Magnesium, Total	6.50		mg/L	PRIMARY
Measuring Point Elevation (from mse)	92.2		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	42		mg/L	PRIMARY
Organic Carbon, Total	1.2	J	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.034	J	mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	17.9		%	PRIMARY
Oxygen, Dissolved, Field	1.5		mg/L	PRIMARY
Phosphorus, Total (as P)	0.037		mg/L	PRIMARY
Potassium, Total	0.38	I	mg/L	PRIMARY
Sodium, Total	5.4		mg/L	PRIMARY
Specific Conductance, Field	997		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	4.8		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	770		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.25		ntu	PRIMARY
Turbidity, Field	1.01		ntu	PRIMARY
Water Temperature	23.8		degrees C	PRIMARY
pH, Field	6.4		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42688	County: ALACHUA
Station Name: MSFMW13	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 294153.797	Owner:
Longitude: 823648.844	Date & Time: 08/26/2013--17:02

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	201		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.11	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	8.0	I	ug/L	PRIMARY
Calcium, Total	83.7		mg/L	PRIMARY
Chloride, Total	11		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	47.92		feet	PRIMARY
Fluoride, Total	0.10		mg/L	PRIMARY
Magnesium, Total	3.16		mg/L	PRIMARY
Measuring Point Elevation (from mse)	83		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	0.50	J	mg/L	PRIMARY
Organic Carbon, Total	0.50	UJ	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.036	J	mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	83.2		%	PRIMARY
Oxygen, Dissolved, Field	7.07		mg/L	PRIMARY
Phosphorus, Total (as P)	0.048		mg/L	PRIMARY
Potassium, Total	1.7		mg/L	PRIMARY
Sodium, Total	4.2		mg/L	PRIMARY
Specific Conductance, Field	446		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	6.8		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	232	A	mg/L	PRIMARY
Total Suspended Solids (TSS)	3	I	mg/L	PRIMARY
Turbidity	0.30		ntu	PRIMARY
Turbidity, Field	2.13		ntu	PRIMARY
Water Temperature	23.4		degrees C	PRIMARY
pH, Field	7		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42690 Station Name: MSFMW14 Latitude: 293928.468 Longitude: 823349.345	County: ALACHUA Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/21/2013--13:41
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	243		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	10.3		ug/L	PRIMARY
Calcium, Total	122		mg/L	PRIMARY
Chloride, Total	7.2		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	55.75		feet	PRIMARY
Fluoride, Total	0.071	I	mg/L	PRIMARY
Magnesium, Total	1.85		mg/L	PRIMARY
Measuring Point Elevation (from mse)	91.2		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	9.4		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.038		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	72.4		%	PRIMARY
Oxygen, Dissolved, Field	6.1		mg/L	PRIMARY
Phosphorus, Total (as P)	0.045		mg/L	PRIMARY
Potassium, Total	0.62	I	mg/L	PRIMARY
Sodium, Total	3.0		mg/L	PRIMARY
Specific Conductance, Field	562		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	5.1		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	357		mg/L	PRIMARY
Total Suspended Solids (TSS)	6	I	mg/L	PRIMARY
Turbidity	7.4	A	ntu	PRIMARY
Turbidity, Field	34		ntu	PRIMARY
Water Temperature	23.9		degrees C	PRIMARY
pH, Field	6.9		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42692	County: GILCHRIST
Station Name: MSFMW15	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 294051.517	Owner:
Longitude: 823934.768	Date & Time: 08/22/2013--11:41

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	310	A	mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.13	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	8.2		ug/L	PRIMARY
Calcium, Total	135		mg/L	PRIMARY
Chloride, Total	13		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	60.87		feet	PRIMARY
Fluoride, Total	0.20		mg/L	PRIMARY
Magnesium, Total	3.03		mg/L	PRIMARY
Measuring Point Elevation (from mse)	96.6		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	0.17		mg/L	PRIMARY
Organic Carbon, Total	0.72	I	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.051		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	52.7		%	PRIMARY
Oxygen, Dissolved, Field	4.52		mg/L	PRIMARY
Phosphorus, Total (as P)	0.063		mg/L	PRIMARY
Potassium, Total	1.4		mg/L	PRIMARY
Sodium, Total	6.4		mg/L	PRIMARY
Specific Conductance, Field	638		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	7.1		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	340		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	0.70		ntu	PRIMARY
Turbidity, Field	2.39		ntu	PRIMARY
Water Temperature	28.9		degrees C	PRIMARY
pH, Field	6.1		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42696	County: GILCHRIST
Station Name: MSFMW16	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 293818.049	Owner:
Longitude: 824112.573	Date & Time: 08/21/2013--15:45

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	146		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.10	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.003	I	mg/L	PRIMARY
Boron, Total	8.7		ug/L	PRIMARY
Calcium, Total	52.7		mg/L	PRIMARY
Chloride, Total	5.0		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	51.64		feet	PRIMARY
Fluoride, Total	0.069	I	mg/L	PRIMARY
Magnesium, Total	6.34		mg/L	PRIMARY
Measuring Point Elevation (from mse)	93.3		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	0.18		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.069		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	46		%	PRIMARY
Oxygen, Dissolved, Field	3.9		mg/L	PRIMARY
Phosphorus, Total (as P)	0.074	J	mg/L	PRIMARY
Potassium, Total	0.34	I	mg/L	PRIMARY
Sodium, Total	3.2		mg/L	PRIMARY
Specific Conductance, Field	301		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	0.50		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	158	A	mg/L	PRIMARY
Total Suspended Solids (TSS)	3	I	mg/L	PRIMARY
Turbidity	0.25		ntu	PRIMARY
Turbidity, Field	0.9		ntu	PRIMARY
Water Temperature	23.7		degrees C	PRIMARY
pH, Field	7.4		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42699 Station Name: MSFMW17 Latitude: 293923.432 Longitude: 823648.567	County: ALACHUA Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/21/2013--14:38
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	315		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.15	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	10.3		ug/L	PRIMARY
Calcium, Total	79.5		mg/L	PRIMARY
Chloride, Total	3.5		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	35.89		feet	PRIMARY
Fluoride, Total	0.078	I	mg/L	PRIMARY
Magnesium, Total	1.57		mg/L	PRIMARY
Measuring Point Elevation (from mse)	71.8		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	1.1		mg/L	PRIMARY
Organic Carbon, Total	0.66	I	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.073		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	77.9		%	PRIMARY
Oxygen, Dissolved, Field	6.56		mg/L	PRIMARY
Phosphorus, Total (as P)	0.080		mg/L	PRIMARY
Potassium, Total	120		mg/L	PRIMARY
Sodium, Total	36.7		mg/L	PRIMARY
Specific Conductance, Field	830		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	81		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	550		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	0.40		ntu	PRIMARY
Turbidity, Field	1.17		ntu	PRIMARY
Water Temperature	23.8		degrees C	PRIMARY
pH, Field	7.1		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42701 Station Name: MSFMW18 Latitude: 293825.807 Longitude: 823323.486	County: ALACHUA Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/21/2013--11:42
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	227		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.19	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	23.7		ug/L	PRIMARY
Calcium, Total	199		mg/L	PRIMARY
Chloride, Total	14		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	54.93		feet	PRIMARY
Fluoride, Total	0.056	I	mg/L	PRIMARY
Magnesium, Total	5.41		mg/L	PRIMARY
Measuring Point Elevation (from mse)	92.3		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	7.1		mg/L	PRIMARY
Organic Carbon, Total	0.59	I	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.040		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	41.9		%	PRIMARY
Oxygen, Dissolved, Field	3.58		mg/L	PRIMARY
Phosphorus, Total (as P)	0.041		mg/L	PRIMARY
Potassium, Total	3.6		mg/L	PRIMARY
Sodium, Total	3.8		mg/L	PRIMARY
Specific Conductance, Field	919		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	230		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	612		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	0.55		ntu	PRIMARY
Turbidity, Field	1.19		ntu	PRIMARY
Water Temperature	23		degrees C	PRIMARY
pH, Field	6.9		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42623 Station Name: MSFMW2 Latitude: 295029.464 Longitude: 824348.248	County: GILCHRIST Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/20/2013--13:36
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	64		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	9.7		ug/L	PRIMARY
Calcium, Total	25.2		mg/L	PRIMARY
Chloride, Total	4.0		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	29.71		feet	PRIMARY
Fluoride, Total	0.066	I	mg/L	PRIMARY
Magnesium, Total	0.78		mg/L	PRIMARY
Measuring Point Elevation (from mse)	53.8		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	0.36		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.040		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	45		%	PRIMARY
Oxygen, Dissolved, Field	3.89		mg/L	PRIMARY
Phosphorus, Total (as P)	0.043		mg/L	PRIMARY
Potassium, Total	1.4		mg/L	PRIMARY
Sodium, Total	5.3		mg/L	PRIMARY
Specific Conductance, Field	150		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	3.5		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	89		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.35		ntu	PRIMARY
Turbidity, Field	1.56		ntu	PRIMARY
Water Temperature	22.6		degrees C	PRIMARY
pH, Field	8.8		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42709	County: GILCHRIST
Station Name: MSFMW20	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 29499.912	Owner:
Longitude: 824344.284	Date & Time: 08/20/2013--14:53

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	112		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	PRIMARY
Ammonia, Total (as N)	0.004	I	mg/L	PRIMARY
Boron, Total	9.8		ug/L	PRIMARY
Calcium, Total	46.4		mg/L	PRIMARY
Chloride, Total	3.7		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	28.8		feet	PRIMARY
Fluoride, Total	0.042	I	mg/L	PRIMARY
Magnesium, Total	1.31		mg/L	PRIMARY
Measuring Point Elevation (from mse)	58.1		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	0.035		mg/L	PRIMARY
Organic Carbon, Total	0.55	I	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.050		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	3.6		%	PRIMARY
Oxygen, Dissolved, Field	0.3		mg/L	PRIMARY
Phosphorus, Total (as P)	0.056		mg/L	PRIMARY
Potassium, Total	0.30	U	mg/L	PRIMARY
Sodium, Total	2.2		mg/L	PRIMARY
Specific Conductance, Field	237		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	1.8		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	126		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.55		ntu	PRIMARY
Turbidity, Field	0.91		ntu	PRIMARY
Water Temperature	23		degrees C	PRIMARY
pH, Field	7.4		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42637 Station Name: MSFMW3 Latitude: 295029.464 Longitude: 824348.248	County: GILCHRIST Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/20/2013--11:49
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	44		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.10	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.011		mg/L	PRIMARY
Boron, Total	14.2		ug/L	PRIMARY
Calcium, Total	27.7		mg/L	PRIMARY
Chloride, Total	3.8	A	mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	43.1		feet	PRIMARY
Fluoride, Total	0.050	I	mg/L	PRIMARY
Magnesium, Total	0.51		mg/L	PRIMARY
Measuring Point Elevation (from mse)	33		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	1.8		mg/L	PRIMARY
Organic Carbon, Total	0.61	I	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.016		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	68.30		%	PRIMARY
Oxygen, Dissolved, Field	5.76		mg/L	PRIMARY
Phosphorus, Total (as P)	0.018		mg/L	PRIMARY
Potassium, Total	5.9		mg/L	PRIMARY
Sodium, Total	6.3		mg/L	PRIMARY
Specific Conductance, Field	173		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	8.0	A	mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	80	A	mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.15		ntu	PRIMARY
Turbidity, Field	0.7		ntu	PRIMARY
Water Temperature	23.9		degrees C	PRIMARY
pH, Field	9.3		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42645 Station Name: MSFMW4 Latitude: 294321.199 Longitude: 874116.396	County: GILCHRIST Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/26/2013--16:11
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	74		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.096	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.019		mg/L	PRIMARY
Boron, Total	9.2		ug/L	PRIMARY
Calcium, Total	35.8		mg/L	PRIMARY
Chloride, Total	3.7		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	54.1		feet	PRIMARY
Fluoride, Total	0.18		mg/L	PRIMARY
Magnesium, Total	0.44		mg/L	PRIMARY
Measuring Point Elevation (from mse)	86.9		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	3.0		mg/L	PRIMARY
Organic Carbon, Total	0.53	IJ	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.013	IJ	mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	70.6		%	PRIMARY
Oxygen, Dissolved, Field	5.91		mg/L	PRIMARY
Phosphorus, Total (as P)	0.042		mg/L	PRIMARY
Potassium, Total	2.1		mg/L	PRIMARY
Sodium, Total	3.0		mg/L	PRIMARY
Specific Conductance, Field	304		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	4.0		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	128		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	1.8	A	ntu	PRIMARY
Turbidity, Field	2.58		ntu	PRIMARY
Water Temperature	24.1		degrees C	PRIMARY
pH, Field	10		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42656 Station Name: MSFMW5 Latitude: 294846.364 Longitude: 873816.123	County: ALACHUA Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/27/2013--11:08
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	222		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.15	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	18.2		ug/L	PRIMARY
Calcium, Total	91.9		mg/L	PRIMARY
Chloride, Total	10		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	46.31		feet	PRIMARY
Fluoride, Total	0.053	I	mg/L	PRIMARY
Magnesium, Total	2.09		mg/L	PRIMARY
Measuring Point Elevation (from mse)	74.2		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	2.6		mg/L	PRIMARY
Organic Carbon, Total	0.56	IJ	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.048	J	mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	85.4		%	PRIMARY
Oxygen, Dissolved, Field	7.22		mg/L	PRIMARY
Phosphorus, Total (as P)	0.052		mg/L	PRIMARY
Potassium, Total	7.5		mg/L	PRIMARY
Sodium, Total	9.7		mg/L	PRIMARY
Specific Conductance, Field	508		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	13		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	268		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	0.10	U	ntu	PRIMARY
Turbidity, Field	0.98		ntu	PRIMARY
Water Temperature	23.7		degrees C	PRIMARY
pH, Field	6.9		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42659 Station Name: MSFMW6 Latitude: 29480.939 Longitude: 872111.015	County: GILCHRIST Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/20/2013--16:18
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	124		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.10	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	10.5		ug/L	PRIMARY
Calcium, Total	52.8		mg/L	PRIMARY
Chloride, Total	3.2		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	20.47		feet	PRIMARY
Fluoride, Total	0.035	U	mg/L	PRIMARY
Magnesium, Total	0.98		mg/L	PRIMARY
Measuring Point Elevation (from mse)	52.8		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	0.13		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.064		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	72.3		%	PRIMARY
Oxygen, Dissolved, Field	6.25		mg/L	PRIMARY
Phosphorus, Total (as P)	0.072		mg/L	PRIMARY
Potassium, Total	0.30	U	mg/L	PRIMARY
Sodium, Total	2.1		mg/L	PRIMARY
Specific Conductance, Field	268		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	2.7		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	134		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	0.60		ntu	PRIMARY
Turbidity, Field	1.64		ntu	PRIMARY
Water Temperature	22.6		degrees C	PRIMARY
pH, Field	7.2		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42663 Station Name: MSFMW7 Latitude: 294243.145 Longitude: 82387.609	County: ALACHUA Waterbody: FLORIDAN AQUIFER SYSTEM Owner: Date & Time: 08/22/2013--12:33
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	216		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.40	U	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	11.9		ug/L	PRIMARY
Calcium, Total	134		mg/L	PRIMARY
Chloride, Total	20		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	47.73		feet	PRIMARY
Fluoride, Total	0.039	I	mg/L	PRIMARY
Magnesium, Total	2.67		mg/L	PRIMARY
Measuring Point Elevation (from mse)	81.8		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	24		mg/L	PRIMARY
Organic Carbon, Total	0.58	I	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.027		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	73.1		%	PRIMARY
Oxygen, Dissolved, Field	6.24		mg/L	PRIMARY
Phosphorus, Total (as P)	0.029		mg/L	PRIMARY
Potassium, Total	1.1	I	mg/L	PRIMARY
Sodium, Total	5.6		mg/L	PRIMARY
Specific Conductance, Field	676		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	5.2		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	519		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	1.0		ntu	PRIMARY
Turbidity, Field	4.41		ntu	PRIMARY
Water Temperature	23.2		degrees C	PRIMARY
pH, Field	6.7		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42665	County: GILCHRIST
Station Name: MSFMW8	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 294737.258	Owner:
Longitude: 874043.402	Date & Time: 08/27/2013--12:16

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	120		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	7.5	I	ug/L	PRIMARY
Calcium, Total	50.1		mg/L	PRIMARY
Chloride, Total	3.4		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	59.93		feet	PRIMARY
Fluoride, Total	0.046	I	mg/L	PRIMARY
Magnesium, Total	1.46		mg/L	PRIMARY
Measuring Point Elevation (from mse)	88.3		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	0.045		mg/L	PRIMARY
Organic Carbon, Total	0.50	UJ	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.049	J	mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	41		%	PRIMARY
Oxygen, Dissolved, Field	3.55		mg/L	PRIMARY
Phosphorus, Total (as P)	0.052		mg/L	PRIMARY
Potassium, Total	2.5		mg/L	PRIMARY
Sodium, Total	6.9		mg/L	PRIMARY
Specific Conductance, Field	284		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	15		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	140		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	0.30		ntu	PRIMARY
Turbidity, Field	3.38		ntu	PRIMARY
Water Temperature	22.7		degrees C	PRIMARY
pH, Field	7.3		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 42669	County: GILCHRIST
Station Name: MSFMW9	Waterbody: FLORIDAN AQUIFER SYSTEM
Latitude: 294610.988	Owner:
Longitude: 82402.265	Date & Time: 08/27/2013--13:02

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	167		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.27		mg/L	PRIMARY
Ammonia, Total (as N)	0.003	I	mg/L	PRIMARY
Boron, Total	21.3		ug/L	PRIMARY
Calcium, Total	67.1		mg/L	PRIMARY
Chloride, Total	1.5		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Depth to Water (from mpe)	40.1		feet	PRIMARY
Fluoride, Total	0.048	I	mg/L	PRIMARY
Magnesium, Total	1.57		mg/L	PRIMARY
Measuring Point Elevation (from mse)	70.4		feet	PRIMARY
Nitrate+Nitrite, Total (as N)	1.3		mg/L	PRIMARY
Organic Carbon, Total	0.88	IJ	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.051	J	mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	49.4		%	PRIMARY
Oxygen, Dissolved, Field	4.11		mg/L	PRIMARY
Phosphorus, Total (as P)	0.056		mg/L	PRIMARY
Potassium, Total	3.0		mg/L	PRIMARY
Sodium, Total	8.4		mg/L	PRIMARY
Specific Conductance, Field	372		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	15		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	197		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	I	mg/L	PRIMARY
Turbidity	0.85		ntu	PRIMARY
Turbidity, Field	0.89		ntu	PRIMARY
Water Temperature	24.5		degrees C	PRIMARY
pH, Field	7.4		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 39945 Station Name: NEWBERRY CEMETARY Latitude: 293813.343 Longitude: 823701.848	County: ALACHUA Waterbody: FLORIDAN AQUIFER SYSTEM, UPPER Owner: Date & Time: 08/21/2013--10:41
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	185		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.14	I	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	72.2		ug/L	PRIMARY
Calcium, Total	80.3		mg/L	PRIMARY
Chloride, Total	24		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Fluoride, Total	0.056	I	mg/L	PRIMARY
Magnesium, Total	2.90		mg/L	PRIMARY
Nitrate+Nitrite, Total (as N)	3.4		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.037		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	75.4		%	PRIMARY
Oxygen, Dissolved, Field	6.46		mg/L	PRIMARY
Phosphorus, Total (as P)	0.037		mg/L	PRIMARY
Potassium, Total	1.9		mg/L	PRIMARY
Sodium, Total	22.2		mg/L	PRIMARY
Specific Conductance, Field	485		uS/cm	PRIMARY
Sucralose	0.079		ug/L	PRIMARY
Sulfate, Total	11		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	258		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.15		ntu	PRIMARY
Turbidity, Field	0.71		ntu	PRIMARY
Water Temperature	23		degrees C	PRIMARY
pH, Field	7		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 43759 Station Name: SFR AT 47BRG Latitude: 295153.714 Longitude: 824423.008	County: GILCHRIST Waterbody: SANTA FE RIVER Owner: Date & Time: 08/28/2013--16:10
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	87		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.77		mg/L	PRIMARY
Ammonia, Total (as N)	0.008		mg/L	PRIMARY
Boron, Total	19.8		ug/L	PRIMARY
Calcium, Total	40.9		mg/L	PRIMARY
Chloride, Total	11	A	mg/L	PRIMARY
Color (true)	280		PCU	PRIMARY
Fluoride, Total	0.13		mg/L	PRIMARY
Magnesium, Total	5.72		mg/L	PRIMARY
Nitrate+Nitrite, Total (as N)	0.40		mg/L	PRIMARY
Organic Carbon, Total	22		mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.13		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	52.8		%	PRIMARY
Oxygen, Dissolved, Field	4.42		mg/L	PRIMARY
Phosphorus, Total (as P)	0.18		mg/L	PRIMARY
Potassium, Total	0.91	I	mg/L	PRIMARY
Sample Depth	0.3		meters	PRIMARY
Sodium, Total	5.9		mg/L	PRIMARY
Specific Conductance, Field	260		uS/cm	PRIMARY
Sucralose	0.056		ug/L	PRIMARY
Sulfate, Total	19	A	mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	179		mg/L	PRIMARY
Total Suspended Solids (TSS)	4	I	mg/L	PRIMARY
Transparency (Secchi Depth)	0.7		meters	PRIMARY
Turbidity	2.0	A	ntu	PRIMARY
Water Temperature	24.3		degrees C	PRIMARY
pH, Field	7.2		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 43760	County: GILCHRIST
Station Name: SFR AT FTW USGS	Waterbody: SANTA FE RIVER
Latitude: 295056.095	Owner:
Longitude: 824253.649	Date & Time: 08/28/2013--15:25

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	88	A	mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.71		mg/L	PRIMARY
Ammonia, Total (as N)	0.008		mg/L	PRIMARY
Boron, Total	19.8		ug/L	PRIMARY
Calcium, Total	41.8		mg/L	PRIMARY
Chloride, Total	11		mg/L	PRIMARY
Color (true)	270	A	PCU	PRIMARY
Fluoride, Total	0.13		mg/L	PRIMARY
Magnesium, Total	5.88		mg/L	PRIMARY
Nitrate+Nitrite, Total (as N)	0.45		mg/L	PRIMARY
Organic Carbon, Total	22		mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.13		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	50.2		%	PRIMARY
Oxygen, Dissolved, Field	4.19		mg/L	PRIMARY
Phosphorus, Total (as P)	0.18		mg/L	PRIMARY
Potassium, Total	0.96	I	mg/L	PRIMARY
Sample Depth	0.3		meters	PRIMARY
Sodium, Total	6.1		mg/L	PRIMARY
Specific Conductance, Field	259		uS/cm	PRIMARY
Sucralose	0.053		ug/L	PRIMARY
Sulfate, Total	19		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	187		mg/L	PRIMARY
Total Suspended Solids (TSS)	4	I	mg/L	PRIMARY
Transparency (Secchi Depth)	0.7		meters	PRIMARY
Turbidity	1.9	A	ntu	PRIMARY
Water Temperature	24.4		degrees C	PRIMARY
pH, Field	7.2		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 43761	County: COLUMBIA
Station Name: SFR AT UP POE SPRING	Waterbody: SANTA FE RIVER
Latitude: 294937.615	Owner:
Longitude: 823835.608	Date & Time: 08/27/2013--15:20

Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	46		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	1.2		mg/L	PRIMARY
Ammonia, Total (as N)	0.017		mg/L	PRIMARY
Boron, Total	19.6		ug/L	PRIMARY
Calcium, Total	26.0		mg/L	PRIMARY
Chloride, Total	11		mg/L	PRIMARY
Color (true)	410		PCU	PRIMARY
Fluoride, Total	0.13		mg/L	PRIMARY
Magnesium, Total	5.03		mg/L	PRIMARY
Nitrate+Nitrite, Total (as N)	0.15		mg/L	PRIMARY
Organic Carbon, Total	33		mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.17		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	54.1		%	PRIMARY
Oxygen, Dissolved, Field	4.46		mg/L	PRIMARY
Phosphorus, Total (as P)	0.26		mg/L	PRIMARY
Potassium, Total	1.2	I	mg/L	PRIMARY
Sample Depth	0.2		meters	PRIMARY
Sodium, Total	6.2		mg/L	PRIMARY
Specific Conductance, Field	189		uS/cm	PRIMARY
Sucralose	0.034	I	ug/L	PRIMARY
Sulfate, Total	19		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	179		mg/L	PRIMARY
Total Suspended Solids (TSS)	5	I	mg/L	PRIMARY
Transparency (Secchi Depth)	0.4		meters	PRIMARY
Turbidity	2.9	A	ntu	PRIMARY
Water Temperature	25.1		degrees C	PRIMARY
pH, Field	6.9		s.u.	PRIMARY

Department of Environmental Protection - Watershed Monitoring Program

Water Quality Monitoring Report

Station: 44092 Station Name: TWIN SPRING Latitude: 295025.633 Longitude: 824221.109	County: GILCHRIST Waterbody: TWIN SPRING Owner: Date & Time: 08/28/2013--13:52
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Analyte	Value	Qualifier	Units	Sample Type
Alkalinity, Total (as CaCO3)	129		mg/L	PRIMARY
Ammonia+Organic Nitrogen, Total (as N)	0.080	U	mg/L	PRIMARY
Ammonia, Total (as N)	0.002	U	mg/L	PRIMARY
Boron, Total	11.0		ug/L	PRIMARY
Calcium, Total	55.6		mg/L	PRIMARY
Chloride, Total	5.2		mg/L	PRIMARY
Color (true)	2.5	U	PCU	PRIMARY
Fluoride, Total	0.077	I	mg/L	PRIMARY
Magnesium, Total	4.54		mg/L	PRIMARY
Nitrate+Nitrite, Total (as N)	1.2		mg/L	PRIMARY
Organic Carbon, Total	0.50	U	mg/L	PRIMARY
Orthophosphate, Dissolved (as P)	0.034		mg/L	PRIMARY
Oxygen, Dissolved Percent Saturation	26.1		%	PRIMARY
Oxygen, Dissolved, Field	2.19		mg/L	PRIMARY
Phosphorus, Total (as P)	0.038		mg/L	PRIMARY
Potassium, Total	0.31	I	mg/L	PRIMARY
Sodium, Total	2.6		mg/L	PRIMARY
Specific Conductance, Field	307		uS/cm	PRIMARY
Sucralose	0.010	U	ug/L	PRIMARY
Sulfate, Total	10		mg/L	PRIMARY
Total Dissolved Solids (TDS measured)	164		mg/L	PRIMARY
Total Suspended Solids (TSS)	2	U	mg/L	PRIMARY
Turbidity	0.10	U	ntu	PRIMARY
Turbidity, Field	0.79		ntu	PRIMARY
Water Temperature	24.2		degrees C	PRIMARY
pH, Field	7.4		s.u.	PRIMARY