

# University of Florida Campus Water Chemistry Summary 2003 - 2008



**Prepared by**

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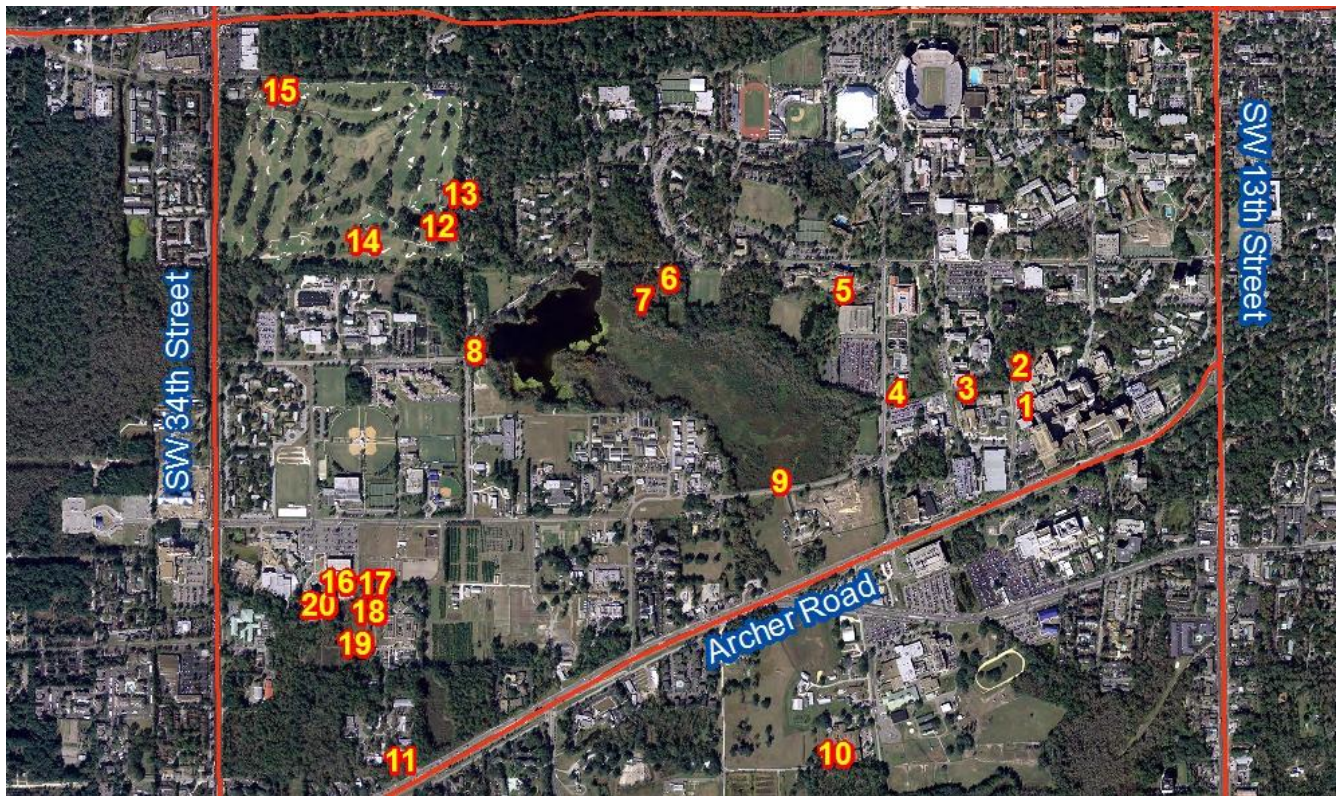
**Soil and Water Science Department**

**Institute of Food and Agricultural Sciences**

**University of Florida, Gainesville**



# Sampling Location on the University of Florida Campus



## Brain Institute – South Fork

**Station Location:** 29°38'33.19"N, 82°20'35.97"W

**Period of Record:** 58 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

### Supplemental water chemistry data

Data reported are means from 58 sampling events:

Temp	20.53	DO %	83.09
pH	6.52	DO (mg/L)	7.65
Conductivity	821.11	TDS	0.60
TSS	2.61		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 58 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.24	0.75	1.46
Long-term SRP concentration (mg/L)	0.01	0.65	0.94
Long-term total nitrogen (mg/L)	0.26	1.07	2.30
Long-term nitrate (mg/L)	0.04	0.33	1.46
Long-term TKN (mg/L)	*	0.74	2.03
Long-term Ammonium (mg/L)	*	0.09	0.54

\* below detection limit: TKN = 0.01; NH4 = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 2: Brain Institute-North Fork

**Station Location:** 29°38'33.19"N, 82°20'35.97"W

**Period of Record:** 57 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

### Supplemental water chemistry data

Data reported are means from 57 sampling events:

Temp	20.77	DO %	85.88
pH	6.65	DO (mg/L)	7.80
Conductivity	820.80	TDS	23.39
TSS	3.48		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 57 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.26	0.60	1.79
Long-term SRP concentration (mg/L)	0.15	0.55	1.73
Long-term total nitrogen (mg/L)	0.41	1.53	5.77
Long-term nitrate (mg/L)	0.06	0.56	1.69
Long-term TKN (mg/L)	0.30	1.04	4.58
Long-term Ammonium (mg/L)	*	0.06	0.16

\* below detection limit: NH4 = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

### Site 3: NEB

**Station Location:** 29°38'28.03"N, 82°20'46.49"W

**Period of Record:** 57 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

#### Supplemental water chemistry data

Data reported are means from 57 sampling events:

Temp	21.49	DO %	75.92
pH	6.52	DO (mg/L)	6.82
Conductivity	835.98	TDS	0.61
TSS	4.31		

#### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 57 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.14	0.65	1.60
Long-term SRP concentration (mg/L)	0.10	0.60	1.35
Long-term total nitrogen (mg/L)	0.33	1.30	4.65
Long-term nitrate (mg/L)	0.01	0.35	1.11
Long-term TKN (mg/L)	0.03	0.96	3.87
Long-term Ammonium (mg/L)	0.018	0.094	0.21

#### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 4: N-S Drive

**Station Location:** 29°38'26.63"N, 82°21'01.80"W

**Period of Record:** 58 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

### Supplemental water chemistry data

Data reported are means from 58 sampling events:

Temp	20.72	DO %	22.49
pH	6.33	DO (mg/L)	2.05
Conductivity	815.25	TDS	0.77
TSS	3.00		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 58 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.27	0.65	3.86
Long-term SRP concentration (mg/L)	0.22	0.63	3.72
Long-term total nitrogen (mg/L)	0.41	0.99	2.52
Long-term nitrate (mg/L)	*	0.11	0.47
Long-term TKN (mg/L)	0.32	0.88	2.52
Long-term Ammonium (mg/L)	0.02	0.15	0.73

\* below detection limit: Nitrate = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 5: Hume Creek

**Station Location:** 29°38'37.92"N, 82°21'05.98"W

**Period of Record:** 57 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

### Supplemental water chemistry data

Data reported are means from 57 sampling events:

Temp	21.57	DO %	74.4
pH	6.76	DO (mg/L)	6.65
Conductivity	941.13	TDS	0.67
TSS	6.17		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 57 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.43	0.74	1.36
Long-term SRP concentration (mg/L)	0.23	0.61	0.98
Long-term total nitrogen (mg/L)	1.00	5.97	14.76
Long-term nitrate (mg/L)	1.46	4.64	10.66
Long-term TKN (mg/L)	0.29	1.50	9.03
Long-term Ammonium (mg/L)	0.02	0.13	0.95

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 6: Medicinal Gardens - Upstream

**Station Location:** 29°38'41.08"N, 82°21'26.13"W

**Period of Record:** 59 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

### Supplemental water chemistry data

Data reported are means from 59 sampling events:

Temp	21.03	DO %	74.35
pH	6.73	DO (mg/L)	6.73
Conductivity	813.17	TDS	0.59
TSS	3.25		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 59 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	*	0.91	1.27
Long-term SRP concentration (mg/L)	0.19	0.85	1.31
Long-term total nitrogen (mg/L)	0.85	8.25	18.65
Long-term nitrate (mg/L)	1.29	7.70	16.84
Long-term TKN (mg/L)	0.04	0.85	3.64
Long-term Ammonium (mg/L)	*	0.08	0.81

\* below detection limit: TP = 0.006; NH4 = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						



## Site 7: Medicinal Gardens - Downstream

**Station Location:** 29°38'40.12"N, 82°21'29.93"W

**Period of Record:** 57 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

### Supplemental water chemistry data

Data reported are means from 57 sampling events:

Temp	20.48	DO %	65.30
pH	6.50	DO (mg/L)	5.99
Conductivity	808.61	TDS	0.60
TSS	3.35		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 57 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.11	0.90	1.24
Long-term SRP concentration (mg/L)	0.28	0.82	1.01
Long-term total nitrogen (mg/L)	0.74	6.66	11.43
Long-term nitrate (mg/L)	1.08	6.17	10.48
Long-term TKN (mg/L)	0.09	0.83	3.20
Long-term Ammonium (mg/L)	0.01	0.08	0.83

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 8: Baughman Center Bridge

**Station Location:** 29°38'32.63"N, 82°21'48.53"W

**Period of Record:** 58 sampling dates; May 7, 2003 to October 1, 2008

**Lake Region** (Griffith et al. 1997): Northern Peninsula Karst Plains (65-06)

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

### Supplemental water chemistry data

Data reported are means from 58 sampling events:

Temp	23.78	DO %	88.73
pH	7.10	DO (mg/L)	7.69
Conductivity	777.39	TDS	0.53
TSS	7.61		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 58 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.20	0.56	0.92
Long-term SRP concentration (mg/L)	0.15	0.52	0.91
Long-term total nitrogen (mg/L)	0.57	1.19	6.39
Long-term nitrate (mg/L)	*	0.03	0.23
Long-term TKN (mg/L)	0.57	1.16	6.38
Long-term Ammonium (mg/L)	*	0.06	0.23

\* below detection limit: nitrate = 0.01; NH4 = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 9: Pony Field Ditch

**Station Location:** 29°38'17.88"N, 82°21'14.15"W

**Period of Record:** 52 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Lake Alice

### Supplemental water chemistry data

Data reported are means from 52 sampling events:

Temp	19.95	DO %	36.57
pH	6.36	DO (mg/L)	3.10
Conductivity	742.02	TDS	0.55
TSS	23.19		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 52 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.30	1.12	5.75
Long-term SRP concentration (mg/L)	0.17	0.53	1.00
Long-term total nitrogen (mg/L)	*	1.47	10.27
Long-term nitrate (mg/L)	*	0.08	0.86
Long-term TKN (mg/L)	*	1.40	10.13
Long-term Ammonium (mg/L)	0.02	0.10	0.28

\* below detection limit: Nitrate = 0.01; TKN = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 10: Animal Science – Ritchey Road

**Station Location:** 29°38'49,09"N, 82°21'11.24"W

**Period of Record:** 53 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Bivans Arm

### Supplemental water chemistry data

Data reported are means from 53 sampling events:

Temp	19.46	DO %	39.54
pH	6.46	DO (mg/L)	3.69
Conductivity	831.00	TDS	0.63
TSS	5.32		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 53 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.16	1.13	2.62
Long-term SRP concentration (mg/L)	0.18	0.93	1.88
Long-term total nitrogen (mg/L)	0.78	1.94	5.65
Long-term nitrate (mg/L)	0.01	0.06	0.80
Long-term TKN (mg/L)	0.74	1.89	5.64
Long-term Ammonium (mg/L)	*	0.19	1.47

\* below detection limit: NH4 = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 11: Surge Area

**Station Location:** 29°37'51.07"N, 82°21'57.04"W

**Period of Record:** 51 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Internally drained depressional basin

### Supplemental water chemistry data

Data reported are means from 51 sampling events:

Temp	20.53	DO %	39.54
pH	6.46	DO (mg/L)	3.69
Conductivity	714.28	TDS	0.56
TSS	5.32		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 51 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.07	0.26	0.92
Long-term SRP concentration (mg/L)	0.06	0.25	2.10
Long-term total nitrogen (mg/L)	*	0.96	2.43
Long-term nitrate (mg/L)	*	0.03	0.15
Long-term TKN (mg/L)	0.39	0.98	2.42
Long-term Ammonium (mg/L)	0.02	0.10	0.68

\* below detection limit: Nitrate = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 12: Golf Course Pond

**Station Location:** 29°38'45.95"N, 82°21'54.31"W

**Period of Record:** 59 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Hogtown Creek

### Supplemental water chemistry data

Data reported are means from 59 sampling events:

Temp	24.37	DO %	108.66
pH	7.57	DO (mg/L)	9.41
Conductivity	1022.02	TDS	0.69
TSS	10.70		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 59 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.16	1.72	4.05
Long-term SRP concentration (mg/L)	0.16	1.46	4.03
Long-term total nitrogen (mg/L)	0.63	2.86	6.48
Long-term nitrate (mg/L)	*	0.94	5.27
Long-term TKN (mg/L)	0.78	2.00	5.30
Long-term Ammonium (mg/L)	-0.03	0.26	3.71

\* below detection limit: Nitrate = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 13: Golfview Creek

**Station Location:** 29°38'47.58"N, 82°21'52.23"W

**Period of Record:** 52 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Hogtown Creek

### Supplemental water chemistry data

Data reported are means from 52 sampling events:

Temp	19.59	DO %	48.64
pH	6.60	DO (mg/L)	4.61
Conductivity	845.68	TDS	0.62
TSS	8.71		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 52 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.39	1.40	2.09
Long-term SRP concentration (mg/L)	0.15	1.26	1.78
Long-term total nitrogen (mg/L)	0.24	1.12	3.41
Long-term nitrate (mg/L)	*	0.19	1.51
Long-term TKN (mg/L)	0.48	1.00	3.17
Long-term Ammonium (mg/L)	0.01	0.09	0.33

\* below detection: Nitrate = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						

## Site 14: 7<sup>th</sup> Fairway

**Station Location:** 29°38'41.15"N, 82°21'58.91"W

**Period of Record:** 38 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Hogtown Creek

### Supplemental water chemistry data

Data reported are means from 38 sampling events:

Temp	23.80	DO %	52.98
pH	6.96	DO (mg/L)	4.62
Conductivity	529.00	TDS	0.35
TSS	8.63		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 38 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.64	1.34	2.12
Long-term SRP concentration (mg/L)	0.53	1.15	1.97
Long-term total nitrogen (mg/L)	*	3.47	11.83
Long-term nitrate (mg/L)	*	1.77	10.06
Long-term TKN (mg/L)	0.70	2.18	5.01
Long-term Ammonium (mg/L)	0.01	0.32	2.05

\* below detection limit: Nitrate = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						



## Site 15: Shop Stormwater Pond

**Station Location:** 29°38'58.18"N, 82°21'18.37"W

**Period of Record:** 42 sampling dates; May 7, 2003 to October 1, 2008

**Geologic Formation** (Brooks 1981a): The geology is dominated by clayey sand and clay with sandy to clayey limestone of the Hawthorne Formation.

**Physiographic region** (Brooks 1981a): The site lies in the San Felasco Hammock subdivision of the Northern Peninsular Plains division of the Ocala Uplift District.

**Local Watershed:** Hogtown Creek

### Supplemental water chemistry data

Data reported are means from 42 sampling events:

Temp	23.91	DO %	50.07
pH	6.82	DO (mg/L)	4.27
Conductivity	715.82	TDS	0.47
TSS	28.30		

### Long-term UF Campus Water Quality Data

Numbers reported below are minimum, average, and maximum values for the 42 sampling events:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term phosphorus concentration (mg/L)	0.68	1.57	3.24
Long-term SRP concentration (mg/L)	0.46	1.29	2.94
Long-term total nitrogen (mg/L)	*	2.90	7.98
Long-term nitrate (mg/L)	*	0.20	1.07
Long-term TKN (mg/L)	0.81	2.96	7.96
Long-term Ammonium (mg/L)	0.04	0.62	6.14

\* below detection limit: Nitrate = 0.01

### 2009 UF Campus Water Quality Data

Date	TP (mg/L)	SRP (mg/L)	TN (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Ammonium (mg/L)
Feb-07						
Mar-03						
Apr-04						
May-09						
Jun						
July						
Sep						
Oct						
Nov						
Dec						