

Sec 13 Twp 30 Rge 31

Ebanks
Reichert

Establish Ref Elev for "Three Lakes
Wildlife Management Area wells

FOR TLWMA 5

STA	+	H.I.	-	Elev	Remarks
B.M. TLWMA 5	5.26	64.33		59.07	
TLWMA 5 WELL		0.53		63.80	(64.343)
B.M. TLWMA 5		5.26			

Garvey's Note: Coupling need to be glued in place

FOR TLWMA 4

B.M. TLWMA 4	5.01	65.90		60.89	
TLWMA 4 WELL		0.45		65.45	(65.433)
B.M. TLWMA 4		5.01			

Sec 5 Twp 30 Rge 32

Ebanks
Reichert

FOR TLWMA 3

STA	+	H.I.	-	Elev	Remarks
B.M. TLWMA 3	4.63	65.43		60.80	
TLWMA 3 WELL		0.295		65.135	(65.138)
B.M. TLWMA 3		4.63			4.97

FOR TLWMA 2

B.M. TLWMA 2	4.40	66.88		62.48	
TLWMA 2 (GW)		0.12		66.76	(65.52)
B.M. TLWMA 2		4.40		62.48	

FOR TLWMA 1

B.M. TLWMA 1	4.97	71.10		66.13	
TLWMA 1 D		0.45		70.65	69.44
TLWMA 1 S		0.52		70.58	69.38
B.M. TLWMA 1		4.97			



TZWMA
#10

12/15/01
12/15/01
12/15/01
12/15/01

REF EIC
D



TLWMA 1

GWD

ELEV. 70.65

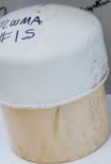
DATE 10 7 10

BY F F MP

NAVD

NGVD 28

20MA
#15



RF plate



TLWMA1 GWS
ELEV. 70 58
DATE 10 7 10
BY EE MR
NAVD NGVD 29


R&F ELEV
5



WATER MANAGEMENT DISTRICT SURVEY
TLWMA1
2007

	A	B	C	D
1				
2				
3	Registration Information - TLWMA1 Addendum			
4	Today's Date		10/12/2010	
5	Site Name:		TLWMA1	
6	Activity		Addendum	
7	Effective Date:		10/13/2010	
8	Start Date of data (if different from effective date):			
9	Customer			
10	Name:		J.Vincent	
11	Business Area (Division):		SCADA	
12	Agency:		SFWM	
13	Internal Order			
14	Fund			
15	Legal Mandate:			
16	Project Manager:			
17	Name:		E.Ebanks/M.Reichert	
18	Division:		Survey & Eng/SCADA	
19	Agency:		SFWM	
20	Project Name:			
21	Contract #:			
22				
23	Common Name			
24	PM Notes:		This Addendum was performed to add surveying data for reference elevation changes per in-house survey by Ebanks & Reichert on 10/7/2010.	0
25				136
26	Recorder Location/Purpose:		Stand-Alone Recorder (Non-Flow Site)	
27	Type of Recorder:		CR10	
28	Array ID Configuration Table attached			
29	If water control structure, select:			
30	Travel & Access			
31	Transportation		4X4 Vehicle	
32	Lock Type		Abloy S	
33	Combination			
34	Directions		FROM THE INTERSECTION OF US 441 AND CR 523, HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD 1.3 MILES TO GRADE ROAD INTERSECTION. TURN RIGHT AND HEAD NORTHWESTERLY ON GRADE ROAD FOR 0.4 MILE	284
35	Address			
36	Survey Information			
37	Benchmark Elevation		66.13	
38	Date			
39	Stamp		TLWMA1	
40	Agency		SFWM	
41	Type		ALUM	
42	Benchmark Datum		NGVD 29	
43	Benchmark Location/Description		MARK ON LEFT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.3 FOOT BELOW GROUND LEVEL. LOCATED 89.0 FEET SOUTHWEST OF CENTERLINE OF DIRT ROAD, 13.6 FEET NORTHWEST OF TLWMA1 MONITORING WELL SITE, 48.4 FEET NORTHEAST OF PK NAIL AND DISK I.R. 4318 ON SOUTH SIDE OF 0.8 FOOT DIAMETER OAK TREE AND 2.0 FEET NORTHEAST OF A	383
44	Communications Information			
45	Communication System			
46	Communication Type			
47	R.F. Code / Modem Address			
48	Phone Number			
49	Tower			
50	R.F. Access Point			
51	RTU Address			
52	Loggernet Server			
53	IP Address			
54	Gateway1			
55	Gateway2			
56	Gateway3			
57	Gateway4			







TLWMA 2 GW
ELEV. 66.70
DATE 10 7 10
BY EE MR
NAVD NGVD 20

REP

FLA. WATER MANAGEMENT
SURVEY
TLWMA2
2007
3 MARKER
DIST. 1510

	A	B	C	D
1				
2				
3	Registration Information - TLWMA2 Addendum			
4	Today's Date		10/12/2010	
5	Site Name:		TLWMA2	
6	Activity		Addendum	
7	Effective Date:		10/13/2010	
8	Start Date of data (if different from effective date):			
9	Customer			
10	Name:		J.Vincent	
11	Business Area (Division):		SCADA	
12	Agency:		SFWM D	
13	Internal Order			
14	Fund			
15	Legal Mandate:			
16	Project Manager:			
17	Name:		E.Ebanks/M.Reichert	
18	Division:		Survey & Eng/SCADA	
19	Agency:		SFWM D	
20	Project Name:			
21	Contract #:			
22				
23	Common Name			
24	PM Notes:		This Addendum was performed to add surveying data for reference elevation changes per in-house survey by Reichert & Ebanks on 10/7/2010.	0
25				
26	Recorder Location/Purpose:		Stand-Alone Recorder (Non-Flow Site)	136
27	Type of Recorder:		CR10	
28	Array ID Configuration Table attached			
29	If water control structure, select:			
30	Travel & Access			
31	Transportation		4X4 Vehicle	
32	Lock Type		Abloy S	
33	Combination			
34	Directions		FROM THE INTERSECTION OF US 441 AND CR 523, HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 2.0 MILES TO GRADE ROAD INTERSECTION. TURN LEFT AND HEAD SOUTHEASTERLY ON GRADE ROAD FOR 0.3 MILE TO THE MARK ON LEFT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.3 FOOT BELOW GROUND LEVEL. LOCATED	492
35	Address			
36	Survey Information			
37	Benchmark Elevation		62.48	
38	Date			
39	Stamp		TLWMA2	
40	Agency		SFWM D	
41	Type		ALUM	
42	Benchmark Datum		NGVD 29	
43	Benchmark Location/Description		55.8 FEET NORTHWEST OF PK NAIL AND DISK LB 4318 ON SOUTH SIDE OF 1.0 FOOT DIAMETER OAK TREE AND 2.0 FEET SOUTHWEST OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.	182
44	Communications Information			
45	Communication System			
46	Communication Type			
47	R.F. Code / Modem Address			
48	Phone Number			
49	Tower			
50	R.F. Access Point			
51	RTU Address			
52	Loggernet Server			
53	IP Address			
54	Gateway1			
55	Gateway2			
56	Gateway3			
57	Gateway4			







SWAMPY

TLWMA 3 GW

ELEV. 65.135

DATE 10 07 10

BY EE MR

NAVD

NGVD 2.9

65.135
REF ELEV

WATER MANAGEMENT DISTRICT
SURVEY

TLWMA 3

2007

ELM

MARKER

DIST

REGISTRATION WORKSHEET - TLWMA3 Addendum

Site Name: **TLWMA3** Today's Date: **10/12/2010** Type Recorder: **CR10**
 Activity: **Addendum** Effective Date: **10/13/2010** Start Date of Data :
 Customer: **J.Vincent** Bus. Area: **SCADA** Agency: **SFWMD** Internal Order:
 Fund:
 Project Manager: **E.Ebanks/M.Reichert** Bus. Area: **Survey & Eng/SCADA** Agency: **SFWMD** Contract #:
 Project Name: Legal Mandate:

Short Common Name / Description:

Proj. Mgr. Notes: This Addendum was performed to add surveying data for reference elevation changes per in-house survey by Ebanks and Reichert on 10/7/2010.

Site Directions: FROM THE INTERSECTION OF US 441 AND CR 523, HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 2.0 MILES TO GRADE ROAD INTERSECTION. TURN RIGHT AND HEAD NORTHWESTERLY ON GRADE ROAD FOR 0.2 MILE TO THE MARK ON RIGHT. SET IN TOP OF A

Site Address (if any):

Transportation: **4X4 Vehicle** Lock type or combination: **Abloy S** #

Recorder Location/Purpose: **Stand-Alone Recorder (Non-Flow Site)** Structure Type:

Array ID Configuration table attached

SURVEY INFORMATION

B.M. Elevation: **60.800** Date: Stamp: **TLWMA3**
 Agency: **SFWMD** Type: **ALUM** Datum: **NGVD 29**

Benchmark Location/ Description: 55.5 FEET NORTHWEST OF PK NAIL AND DISK LB 4318 ON NORTH SIDE OF 1.2 FOOT DIAMETER OAK TREE, 109.0 FEET EAST OF PK NAIL AND DISK LB 4318 ON SOUTH SIDE OF 0.8 FOOT DIAMETER OAK TREE AND 2.0 FFET SOUTH OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK

COMMUNICATIONS INFORMATION

Communications System: Loggernet Server: Loggernet IP Address:
 Tower: Communication Type: R.F. Code/Modem Address: R.F. Access Point:
 Phone Number:
 RTU Address: Gateways:

WELL INFORMATION

Sensor	Customer Ref	Ref Elev	Elev Date	Top of Well	Bottom of Well	Ground Elev	Benchmark Elev	Benchmark Datum	Ref Elevation Location
GW1		65.135	10/7/2010				60.8	NGVD 29	Black mark on PVC

Sensor	GW Land Elevation	Depth of Well	Meas Pt Above BM	Type of Well	GW Sensor location										
GW1															

COORDINATE INFORMATION

Item/Parm	Lat	Long	X-Coord	Y-Coord	Sec	Township	Range	Quad	Basin	County	Description
GW1	275419.5	810824.3	610925.9	1298342	5	30	32	Lake Marian NW		Osceola	





TLWMA 4 GW
ELEV. 65.45
DATE 10 07 10
BY EE MR
NAVD NGVD 29

REF



SUNBURN
WATER
1518

A	B	C	D
1			
2			
3	Registration Information - TLWMA4 Addendum		
4	Today's Date	10/12/2010	
5	Site Name:	TLWMA4	
6	Activity	Addendum	
7	Effective Date:	10/13/2010	
8	Start Date of data (if different from effective date):		
9	Customer		
10	Name:	J.Vincent	
11	Business Area (Division):	SCADA	
12	Agency:	SFWM	
13	Internal Order		
14	Fund		
15	Legal Mandate:		
16	Project Manager:		
17	Name:	E.Ebanks/M.Reichert	
18	Division:	Survey & Eng/SCADA	
19	Agency:	SFWM	
20	Project Name:		
21	Contract #:		
22			
23	Common Name		
24			
25			
26	Recorder Location/Purpose:	Stand-Alone Recorder (Non-Flow Site)	
27	Type of Recorder:	CR10	
28	Array ID Configuration Table attached		
29	If water control structure, select:		
30	Travel & Access		
31	Transportation	4X4 Vehicle	
32	Lock Type	Abloy S	
33	Combination		
34	Directions	FROM THE INTERSECTION OF US 441 AND CR 523, HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 4.2 MILES TO MARK ON RIGHT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED OF 0.3 FOOT BELOW GROUND LEVEL. LOCATED 12.0 FEET NORTH OF CENTERLINE OF DIRT ROAD, 18.6 FEET SOUTH OF TLWMA4 MONITORING WELL	
35	Address		
36	Survey Information		
37	Benchmark Elevation	60.89	
38	Date		
39	Stamp	TLWMA4	
40	Agency	SFWM	
41	Type	ALUM	
42	Benchmark Datum	NGVD 29	
43	Benchmark Location/Description	36.6 FEET SOUTHWEST OF PK NAIL AND DISK LB 4318 ON SOUTH SIDE OF 0.6 FOOT DIAMETER OAK TREE AND 2.0 FEET SOUTH OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.	
44	Communications Information		
45	Communication System		
46	Communication Type		
47	R.F. Code / Modem Address		
48	Phone Number		
49	Tower		
50	R.F. Access Point		
51	RTU Address		
52	Loggernet Server		
53	IP Address		
54	Gateway1		
55	Gateway2		
56	Gateway3		
57	Gateway4		



TLWMA 5

GW

ELEV. 63.80

DATE 10 07 10

BY EE MR

NAVD

NGVD 29

TLWMA 5 GW

ELEV. 63.80

DATE 10 07 10

BY EE MR

NAVD

NGVD 29

REF ELEV
64.343
21/108
501

TLWMA 5

GW

ELEV. 63.80

DATE 10 07 10

BY EE MR

NAVD

NGVD 29

FLA. WATER MANAGEMENT
SURVEY
TLWMA5
2007
DIST.
MARKER

	A	B	C	D
1				
2				
3	Registration Information - TLWMA5 Addendum			
4	Today's Date		10/12/2010	
5	Site Name:		TLWMA5	
6	Activity		Addendum	
7	Effective Date:		10/22/2010	
8	Start Date of data (if different from effective date):			
9	Customer			
10	Name:		J. Vincent	
11	Business Area (Division):		SCADA	
12	Agency:		SFWMD	
13	Internal Order			
14	Fund			
15	Legal Mandate:			
16	Project Manager:			
17	Name:		E.Ebanks/M.Reichert	
18	Division:		Survey & Eng/SCADA	
19	Agency:		SFWMD	
20	Project Name:			
21	Contract #:			
22				
23	Common Name			
24	PM Notes:		This Addendum was performed to add surveying data for reference elevation changes per in-house survey by Ebanks & Reichert on 10/7/2010.	0
25				136
26	Recorder Location/Purpose:		Water Control Structure (Flow Site)	
27	Type of Recorder:		CR10	
28	Array ID Configuration Table attached			
29	If water control structure, select:			
30	Travel & Access			
31	Transportation		4X4 Vehicle	
32	Lock Type		Abloys S	
33	Combination			
34	Directions		FROM THE INTERSECTION OF US 441 AND CR 523, HEAD WEST NORRTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 4.6 MILES TO Y-JUNCTION OF MAIN GRADE ROAD. MAKE LEFT AND HEAD SOUTHERLY ON MAIN GRADE ROAD FOR 0.9 MILE TO SECOND Y-JUNCTION OF MAIN GRADE ROAD, MAKE LEFT AND HEAD EAST FOR +/- 250 FEET TO MARK ON LEFT, SET IN	700
35	Address			
36	Survey Information			
37	Benchmark Elevation		59.07	
38	Date			
39	Stamp		TLWMA5	
40	Agency		SFWMD	
41	Type		ALUM	
42	Benchmark Datum		NGVD 29	
43	Benchmark Location/Description		45.5 FEET SOUTH OF PK NAIL AND DISK LB 4318 ON EAST SIDE OF 1.0 FOOT DIAMETER OAK TREE AND 2.0 FEET WEST OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.	172
44	Communications Information			
45	Communication System			
46	Communication Type			
47	R.F. Code / Modem Address			
48	Phone Number			
49	Tower			
50	R.F. Access Point			
51	RTU Address			
52	Loggernet Server			
53	IP Address			
54	Gateway1			
55	Gateway2			
56	Gateway3			
57	Gateway4			



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY OSCEOLA	PROJECT KISSIMMEE RIVER RESTORATION PROJECT	DESIGNATION TLWMA1
SECTION 32	TOWNSHIP 29 SOUTH	RANGE 32 EAST
GEOGRAPHIC INDEX OF QUAD		
Established by <u>Nick Miller Inc.</u> Recovered by	NAME OF QUADRANGLE LAKE MARIAN NW	
SURVEYOR <u>Stephen M. Gordon</u> DATE <u>7/03/2007</u>	FIELD BOOK _____ 18 _____ PAGE <u>66</u>	
HORIZONTAL DATUM: 1927 <u>1983</u> Other _____ (circle one) ZONE <u>E</u> or W		
STATE PLANE COORDINATES	E 612,647.3 ft	N 1,302,215.6 ft
LATITUDE: N 27.91607°	LONGITUDE: W 81.13476°	
VERTICAL DATUM: MSL 1929 <u>1988</u> Other _____ (circle one)	EL. 64.92 ft	
VERTICAL DATUM: MSL <u>1929</u> 1988 Other _____ (circle one)	EL. 66.13 ft	
CONTROL ACCURACY: HORIZONTAL 1 2 3 <u>SUB-METER</u> (circle one) VERTICAL 1 2 <u>3</u>		
DESCRIPTION		
<p>To Reach:</p> <p>FROM THE INTERSECTION OF US 441 AND CR 523. HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 1.3 MILES TO GRADE ROAD INTERSECTION. TURN RIGHT AND HEAD NORTHWESTERLY ON GRADE ROAD FOR 0.4 MILE TO MARK ON LEFT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.3 FOOT BELOW GROUND LEVEL. LOCATED 69.0 FEET SOUTHWEST OF CENTERLINE OF DIRT ROAD, 13.6 FEET NORTHWEST OF TLWMA1 MONITORING WELL SITE, 48.4 FEET NORTHEAST OF PK NAIL AND DISK LB 4318 ON SOUTH SIDE OF 0.8 FOOT DIAMETER OAK TREE AND 2.0 FEET NORTHEAST OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.</p> <p>Benchmarks Used: OSC 6 FLDNR, OSC 7 FLDNR</p> <p>Notable Land marks:</p>		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

SKETCH

1078.028 TLWMA1 STAMP

MONITORING WELL

- SET POURED-IN-PLACE CONCRETE MONUMENT W/ ALUM. DISK STAMPED: TLWMA1 2007
 - SET MAGNET 1' NORTH OF BENCHMARK.
 - SET CARBORITE WITNESS POST 2' SW OF BM
- COORDINATES ON MONITORING WELL SITE
- N. 27° 54' 58"
- W. 81° 08' 05"

COORDINATES ON BENCHMARK

N. 27° 54' 57.86" N. 1302215.604

W. 81° 08' 05.13" E. 612647.304

100S 89 STATE PLANE 83

- TIES
- SET MONUMENT 69.0' SW OF ♀ DIRT ROAD
 - " " 13.6' NW OF WELL SITE
 - " " 48.4' NE OF PK NAIL AND JACK LB 4318
- ON SOUTH SIDE OF 0.8' DIA. OAK TREE.

DATA COLLECTOR # 1

FILE: 1078-0605-ED STATIC SESSION

POINT NAME: TLWMA1 10:15 am - 10:55 am

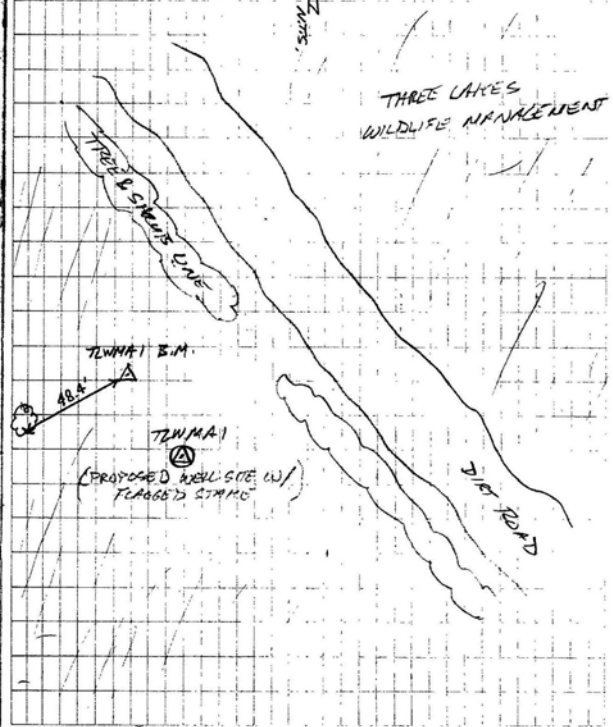
WED. JUNE 6, 2007

E. DETASSIS

A. VALMER

A. A. ROUTE

SFLWMD 18, 66





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY OSCEOLA	PROJECT KISSIMMEE RIVER RESTORATION PROJECT	DESIGNATION TLWMA2
SECTION 5	TOWNSHIP 30 SOUTH	RANGE 32 EAST
GEOGRAPHIC INDEX OF QUAD		
Established by <u>Nick Miller Inc.</u> Recovered by	NAME OF QUADRANGLE LAKE MARIAN NW	
SURVEYOR <u>Stephen M. Gordon</u> DATE <u>7/03/2007</u>	FIELD BOOK _____ 18 _____ PAGE <u>67</u>	
HORIZONTAL DATUM: 1927 <u>1983</u> Other _____ (circle one) ZONE <u>E</u> or W		
STATE PLANE COORDINATES	E 612,669.6 ft	N 1,296,926.1 ft
LATITUDE: N 27.90152°	LONGITUDE: W 81.13467°	
VERTICAL DATUM: MSL 1929 <u>1988</u> Other _____ (circle one)	EL. 61.27 ft	
VERTICAL DATUM: MSL <u>1929</u> 1988 Other _____ (circle one)	EL. 62.48 ft	
CONTROL ACCURACY: HORIZONTAL 1 2 3 <u>SUB-METER</u> (circle one) VERTICAL 1 2 <u>3</u>		
DESCRIPTION		
<p>To Reach:</p> <p>FROM THE INTERSECTION OF US 441 AND CR 523. HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 2.0 MILES TO GRADE ROAD INTERSECTION. TURN LEFT AND HEAD SOUTHEASTERLY ON GRADE ROAD FOR 0.3 MILE TO MARK ON LEFT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.3 FOOT BELOW GROUND LEVEL. LOCATED 7.0 FEET NORTHEAST OF CENTERLINE OF DIRT ROAD, 15.7 FEET SOUTHEAST OF TLWMA2 MONITORING WELL SITE, 55.8 FEET NORTHWEST OF PK NAIL AND DISK LB 4318 ON SOUTH SIDE OF 1.0 FOOT DIAMETER OAK TREE AND 2.0 FEET SOUTHWEST OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.</p> <p>Benchmarks Used: OSC 6 FLDNR, OSC 7 FLDNR</p> <p>Notable Land marks:</p>		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

SKETCH

107B-028 TLWMAZ STAMD: MONITORING WELL

- SET Poured-IN-PLACE CONCRETE MONUMENT W/ ALUM. DISK STAMPED: TLWMAZ 2007
- SET MAGNET 1' NORTH OF BENCHMARK
- SET CARBONITE WITNESS POST 2' NE OF BM

COORDINATES ON MONITORING WELL SITE
 N. 27° 54' 06"
 W. 81° 08' 05"

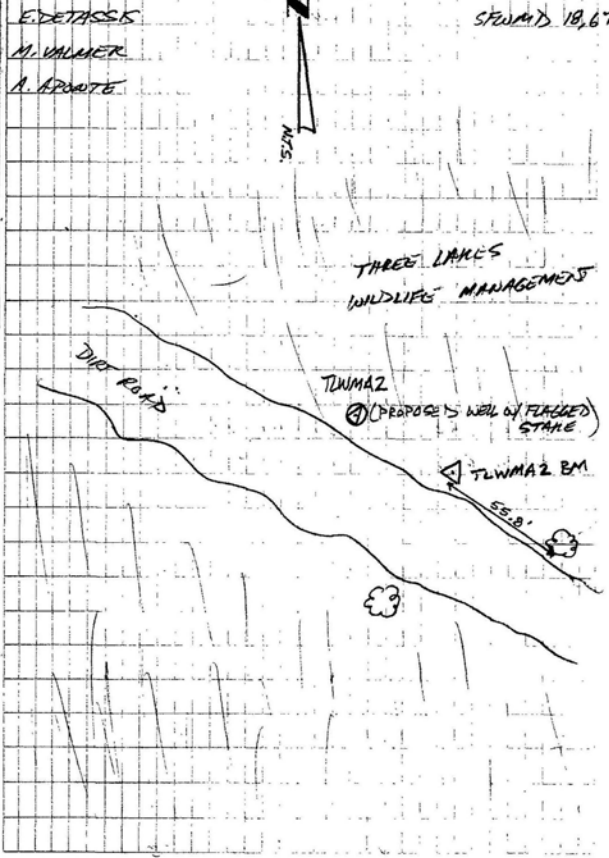
COORDINATES ON BENCHMARK
 N. 27° 54' 05.48" N. 1296926.059
 W. 81° 08' 04.82" E. 612669.636
 WGS 84 STATE PLANE 83

- TIES
- SET MONUMENT 7.0' NE OF @ DIRT ROAD
 - " " 55.8' NW OF SOUTH SIDE OF 1.0' DIA. OAK TREE, (PKNAH & DISK U34318)*
 - " " 15.7' SE OF WELL SITE

DATA COLLECTOR #1 STATIC SESSION
 FILE: 107B-0605-E3 11:30am - 12:00pm
 POINT NAME: TLWMAZ 10:45am - 10:55am

WED. JUNE 6, 2007

STAMD 18,67





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY OSCEOLA	PROJECT KISSIMMEE RIVER RESTORATION PROJECT	DESIGNATION TLWMA3
SECTION 5	TOWNSHIP 30 SOUTH	RANGE 32 EAST
GEOGRAPHIC INDEX OF QUAD		
Established by <u>Nick Miller Inc.</u> Recovered by	NAME OF QUADRANGLE LAKE MARIAN NW	
SURVEYOR <u>Stephen M. Gordon</u> DATE <u>7/03/2007</u>	FIELD BOOK <u>18</u> PAGE <u>68</u>	
HORIZONTAL DATUM: 1927 <u>1983</u> Other _____ (circle one) ZONE <u>E</u> or W		
STATE PLANE COORDINATES	E 610,925.9 ft	N 1,298,341.6 ft
LATITUDE: N 27.90541°	LONGITUDE: W 81.14008°	
VERTICAL DATUM: MSL 1929 <u>1988</u> Other _____ (circle one)	EL. 59.60 ft	
VERTICAL DATUM: MSL <u>1929</u> 1988 Other _____ (circle one)	EL. 60.80 ft	
CONTROL ACCURACY: HORIZONTAL 1 2 3 <u>SUB-METER</u> (circle one) VERTICAL 1 2 <u>3</u>		
DESCRIPTION		
<p>To Reach:</p> <p>FROM THE INTERSECTION OF US 441 AND CR 523. HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 2.0 MILES TO GRADE ROAD INTERSECTION. TURN RIGHT AND HEAD NORTHWESTERLY ON GRADE ROAD FOR 0.2 MILE TO MARK ON RIGHT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.3 FOOT BELOW GROUND LEVEL. LOCATED 27.0 FEET NORTH OF CENTERLINE OF DIRT ROAD, 14.4 FEET SOUTH OF TLWMA3 MONITORING WELL SITE, 55.5 FEET NORTHWEST OF PK NAIL AND DISK LB 4318 ON NORTH SIDE OF 1.2 FOOT DIAMETER OAK TREE, 109.0 FEET EAST OF PK NAIL AND DISK LB 4318 ON SOUTH SIDE OF 0.8 FOOT DIAMETER OAK TREE AND 2.0 FEET SOUTH OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.</p> <p>Benchmarks Used: OSC 6 FLDNR, OSC 7 FLDNR</p> <p>Notable Land marks:</p>		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

SKETCH

1078.028 TLWMA3 SFWMD
MONITORING WELL

- SGT POURED -IN- PLACE CONCRETE MONUMENT W/ ALUM. DISK STAMPED: TLWMA3 2007
- SET MAGNET 1' NORTH OF BENCHMARK
- SET CARBONITE WITNESS POST 2' NORTH OF BM

COORDINATES ON WELL SITE

N. 27° 54' 20"
W. 88° 08' 24"

COORDINATES ON BENCHMARK

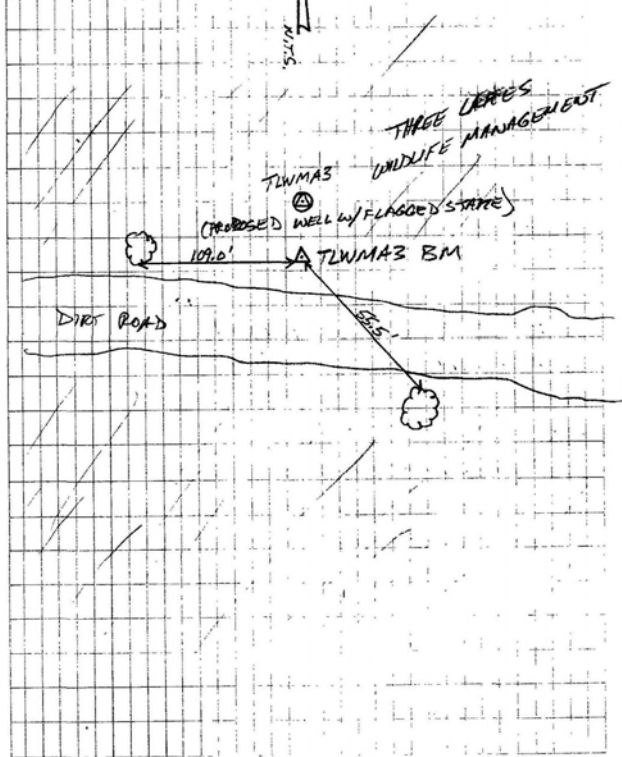
N. 27° 54' 19.98" N. 1298341.571
W. 81° 08' 24.27" E. 610925.936
WGS 84 STATE PLANE 83

TIES

- SET MONUMENT 27.0' NORTH OF @ DIRT ROAD
- " " 55.5' NW OF PK NAIL & DISK LB 4318 ON NORTH SIDE OF 1.2' DIA. OAK TREE
- " " 109.0' EAST OF PK NAIL & DISK LB 4318 ON SOUTH SIDE OF 0.8' DIA. OAK TREE
- " " 14.4' SOUTH OF WELL SITE

DATA COLLECTOR #1 STATIC SESSION
FILE: 1078-0605-ED 12:50 - 1:30 pm
POINT NAME: TLWMA3

WED. JUNE 6, 2007
E. DETARRES
M. VALLEJO
A. APONTE
SEWARD 18, 88



Proposed Well Site





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY OSCEOLA	PROJECT KISSIMMEE RIVER RESTORATION PROJECT	DESIGNATION TLWMA4
SECTION 7	TOWNSHIP 30 SOUTH	RANGE 32 EAST
GEOGRAPHIC INDEX OF QUAD		
Established by <u>Nick Miller Inc.</u> Recovered by	NAME OF QUADRANGLE LAKE MARIAN NW	
SURVEYOR <u>Stephen M. Gordon</u> DATE <u>7/03/2007</u>	FIELD BOOK _____ 18 _____ PAGE <u>69</u>	
HORIZONTAL DATUM: 1927 <u>1983</u> Other _____ (circle one) ZONE <u>E</u> or W		
STATE PLANE COORDINATES	E 603,958.2 ft	N 1,290,055.0 ft
LATITUDE: N 27.88259°	LONGITUDE: W 81.16162°	
VERTICAL DATUM: MSL 1929 <u>1988</u> Other _____ (circle one)	EL. 59.69 ft	
VERTICAL DATUM: MSL <u>1929</u> 1988 Other _____ (circle one)	EL. 60.89 ft	
CONTROL ACCURACY: HORIZONTAL 1 2 3 <u>SUB-METER</u> (circle one) VERTICAL 1 2 <u>3</u>		
DESCRIPTION		
<p>To Reach:</p> <p>FROM THE INTERSECTION OF US 441 AND CR 523. HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 4.2 MILES TO MARK ON RIGHT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.3 FOOT BELOW GROUND LEVEL. LOCATED 12.0 FEET NORTH OF CENTERLINE OF DIRT ROAD, 18.6 FEET SOUTH OF TLWMA4 MONITORING WELL SITE, 36.6 FEET SOUTHWEST OF PK NAIL AND DISK LB 4318 ON SOUTH SIDE OF 0.6 FOOT DIAMETER OAK TREE AND 2.0 FEET SOUTH OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.</p> <p>Benchmarks Used: OS/27 6 SFLWMD, KLS 30 E 12 B FLDNR</p> <p>Notable Land marks:</p>		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

SKETCH

1078.028 TLWMA4 STWMD
 MONITORING WELL

- SET POURED-IN-PLACE CONCRETE MONUMENT W/ ALUM. DISK STAMPED: TLWMA4 2007
 - SET MAGNET 1' NORTH OF BENCH MARK
 - SET CARBONITE WITNESS POST 2' NORTH OF BM
- COORDINATES ON WELL SITE
- N. 27° 42' 57"
 W. 81° 09' 42"

COORDINATES ON BENCH MARK

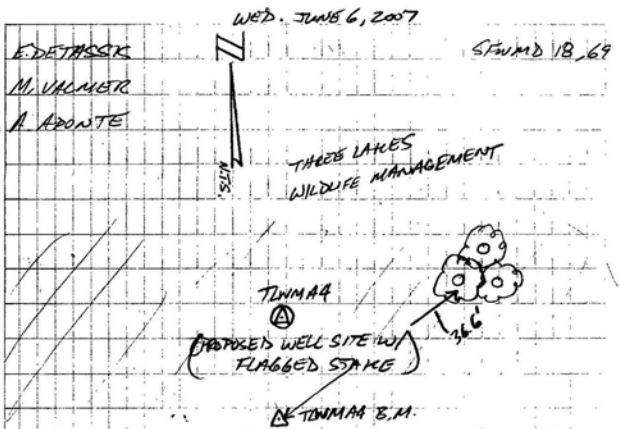
N. 27° 52' 57.34"	N. 1290054.969
W. 81° 09' 41.82"	E. 603958.209

WGS 84 STATE PLANE 83

TIES

- SET MONUMENT 12.0' NORTH OF ♀ DIRT ROAD
- " " 36.6' EAST SW OF PK NAIL DISK LB 4318 ON SOUTH SIDE OF 0.6' DIA. OAK TREE
- " " 18.6' SOUTH OF WELL SITE

DATA COLLECTOR #1
 FILE: 1078-0605-ED STATIC SESSION
 POINT NAME: TLWMA4 2:00pm - 2:35pm



Proposed Well Site





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY OSCEOLA	PROJECT KISSIMMEE RIVER RESTORATION PROJECT	DESIGNATION TLWMA5
SECTION 13	TOWNSHIP 30 SOUTH	RANGE 31 EAST
GEOGRAPHIC INDEX OF QUAD		
Established by <u>Nick Miller Inc.</u> Recovered by	NAME OF QUADRANGLE LAKE MARIAN SW	
SURVEYOR <u>Stephen M. Gordon</u> DATE <u>7/03/2007</u>	FIELD BOOK _____ 18 _____ PAGE <u>70</u>	
HORIZONTAL DATUM: 1927 <u>1983</u> Other _____ (circle one) ZONE <u>E</u> or W		
STATE PLANE COORDINATES	E 602,261.3 ft	N 1,284,363.0 ft
LATITUDE: N 27.86693°	LONGITUDE: W 81.16684°	
VERTICAL DATUM: MSL 1929 <u>1988</u> Other _____ (circle one)	EL. 57.87 ft	
VERTICAL DATUM: MSL <u>1929</u> 1988 Other _____ (circle one)	EL. 59.07 ft	
CONTROL ACCURACY: HORIZONTAL 1 2 3 <u>SUB-METER</u> (circle one) VERTICAL 1 2 <u>3</u>		
DESCRIPTION		
<p>To Reach:</p> <p>FROM THE INTERSECTION OF US 441 AND CR 523. HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 4.6 MILES TO Y-JUNCTION OF MAIN GRADE ROAD, MAKE LEFT AND HEAD SOUTHERLY ON MAIN GRADE ROAD FOR 0.9 MILE TO SECOND Y-JUNCTION OF MAIN GRADE ROAD, MAKE LEFT AND HEAD SOUTHEASTERLY FOR 0.3 MILE TO GRASS TRAIL ON LEFT, MAKE LEFT AND HEAD EAST FOR +/- 250 FEET TO MARK ON LEFT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.3 FOOT BELOW GROUND LEVEL. LOCATED 45.6 FEET NORTH OF TLWMA5 MONITORING WELL SITE, 45.5 FEET SOUTH OF PK NAIL AND DISK LB 4318 ON EAST SIDE OF 1.0 FOOT DIAMETER OAK TREE AND 2.0 FEET WEST OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.</p> <p>Benchmarks Used: OS/27 6 SFLWMD, KLS 30 E 12 B FLDNR</p> <p>Notable Land marks:</p>		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

SKETCH

1078.028 TLWMA5 SEWARD E. DETASSE
 MONITORING WELL M. VALMER
 A. APONTE

WED. JUNE 6, 2007

STAMPED 18,70

- SET Poured-IN-PLACE CONCRETE MONUMENT W/ ALUM. DISK STAMPED: TLWMA5 2007
- SET MAGNET 1' NORTH OF BENCHMARK
- SET CARBONITE WITNESS POST 2' EAST OF BM

COORDINATES ON WELL SITE

N. 27° 52' 00"

W. 81° 10' 01"

COORDINATES ON BENCHMARK

N. 27° 52' 00.95"

N. 1284362.953

W. 81° 10' 00.64"

E. 602261.332

WGS 84

STATE PLANE 83

TIES

- SET MONUMENT 45.6' NORTH OF WELL SITE
- " " 45.5' SOUTH OF TR NAIL & DISK
- LB 4318 ON EAST SIDE OF 10' DIA. OAK TREE.
- " " 2' WEST OF CARBONITE WITNESS POST.

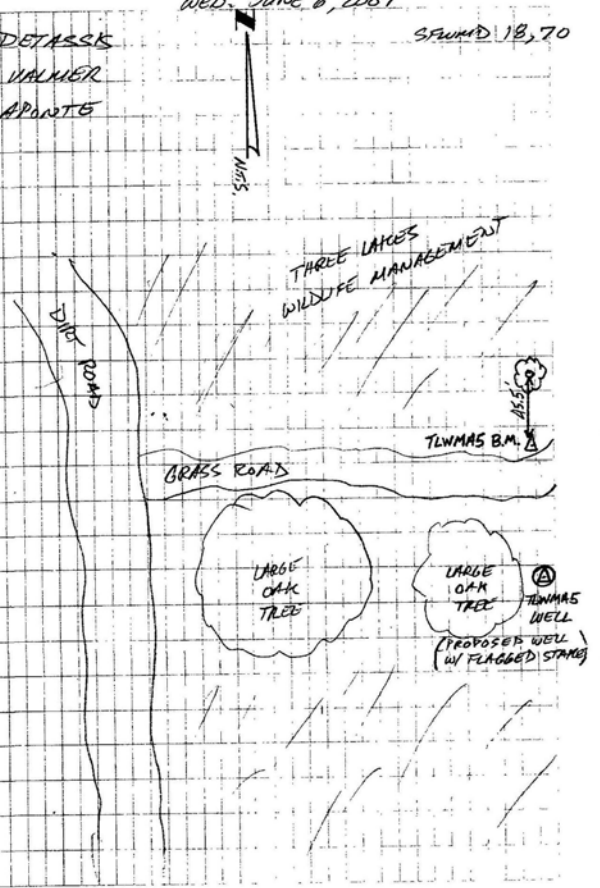
DATA COLLECTOR #1

FILE: # 1078-0605 - ED

STATIC SESSION

POINT NAME: TLWMA5

3:00 PM - 3:30 PM



Proposed Well

