

Board of County Commissioners DEPARTMENT OF PUBLIC WORKS SOLID WASTE MANAGEMENT DIVISION

39859

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Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

February 18, 2011

Mr. John Morris Dept of Environmental Protection 13051 N Telecom Parkway Temple Terrace, FI 33637-0926

Re: Citrus County Groundwater Monitoring Wells - Permit No. 21375-018-SO/01

Dear Mr. Morris:

The County's surveyor has updated the Landfills Monitoring Well information to include abandonment of MW-4-R October 22, 2010 and installation of MW-20 January 20, 2011 and MW-21 January 11, 2011.

A signed sealed Survey is enclosed for your records.

If you should need additional information, please let me know.

Sincerely,

Dept. of Environmental Protection

T. Casey Stephens

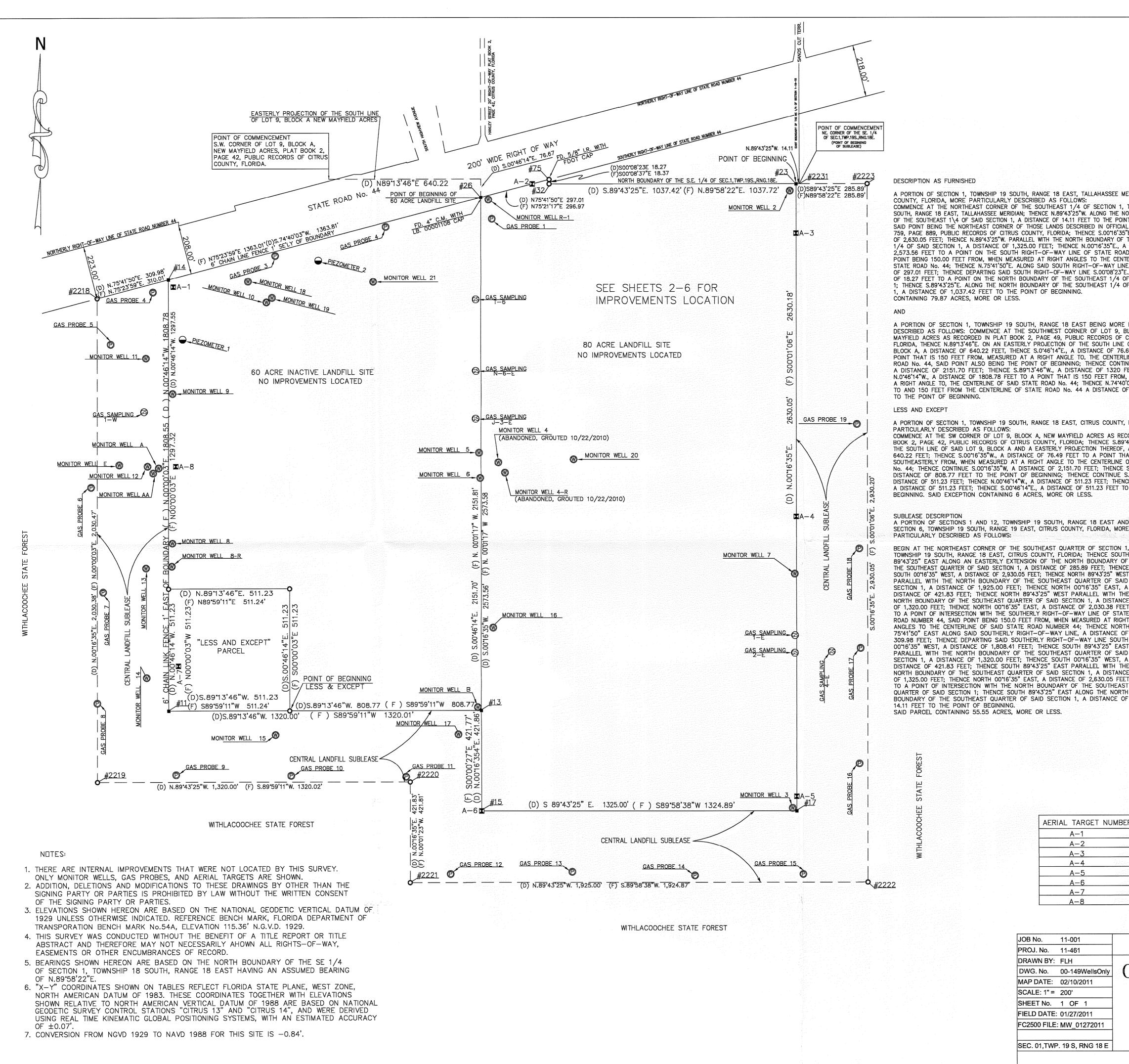
FEB 2 2 2011

Director, Citrus County

Division of Solid Waste Mot Southwest District

CC: Chris Kuzler, King Engineering with attachment Ken Guilbeault, SCS Engineers with attachment David Rojas, Camp Dresser & McKee with attachment

Troy Hays, Jones Edmunds & Associates with attachment



DESCRIPTION AS FURNISHED

A PORTION OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 18 EAST, TALLAHASSEE MERIDIAN, CITRUS COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE NORTHEAST CORNER OF THE SOUTHEAST 1/4 OF SECTION 1, TOWNSHIP 19. SOUTH, RANGE 18 EAST, TALLAHASSEE MERIDIAN; THENCE N.89 43'25"W. ALONG THE NORTH BOUNDARY OF THE SOUTHEAST 1\4 OF SAID SECTION 1, A DISTANCE OF 14.11 FEET TO THE POINT OF BEGINNING SAID POINT BEING THE NORTHEAST CORNER OF THOSE LANDS DESCRIBED IN OFFICIAL RECORD BOOK 759, PAGE 889, PUBLIC RECORDS OF CITRUS COUNTY, FLORIDA; THENCE S.0016'35"E., A DISTANCE OF 2,630.05 FEET; THENCE N.89'43'25"W. PARALLEL WITH THE NORTH BOUNDARY OF THE SOUTHEAST 1/4 OF SAID SECTION 1, A DISTANCE OF 1,325.00 FEET; THENCE N.0016'35"E., A DISTANCE OF 2,573.56 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF STATE ROAD No. 44, SAID POINT BEING 150.00 FEET FROM, WHEN MEASURED AT RIGHT ANGLES TO THE CENTERLINE OF SAID STATE ROAD No. 44; THENCE N.75°41'50"E. ALONG SAID SOUTH RIGHT-OF-WAY LINE, A DISTANCE OF 297.01 FEET; THENCE DEPARTING SAID SOUTH RIGHT-OF-WAY LINE S.00'08'23"E., A DISTANCE OF 18.27 FEET TO A POINT ON THE NORTH BOUNDARY OF THE SOUTHEAST 1/4 OF SAID SECTION 1: THENCE S.89'43'25"E. ALONG THE NORTH BOUNDARY OF THE SOUTHEAST 1/4 OF SAID SECTION 1. A DISTANCE OF 1,037.42 FEET TO THE POINT OF BEGINNING.

A PORTION OF SECTION 1. TOWNSHIP 19 SOUTH, RANGE 18 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SOUTHWEST CORNER OF LOT 9. BLOCK A. NEW MAYFIELD ACRES AS RECORDED IN PLAT BOOK 2, PAGE 49, PUBLIC RECORDS OF CITRUS COUNTY, FLORIDA, THENCE N.89M3'46"E. ON AN EASTERLY PROJECTION OF THE SOUTH LINE OF SAID LOT 9, BLOCK A, A DISTANCE OF 640.22 FEET, THENCE S.0°46'14"E., A DISTANCE OF 76.67 FEET TO A POINT THAT IS 150 FEET FROM, MEASURED AT A RIGHT ANGLE TO, THE CENTERLINE OF STATE ROAD No. 44, SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE CONTINUE SO'46'14"E A DISTANCE OF 2151.70 FEET; THENCE S.89"13'46"W., A DISTANCE OF 1320 FEET; THENCE N.0'46'14"W., A DISTANCE OF 1808.78 FEET TO A POINT THAT IS 150 FEET FROM, MEASURED AT A RIGHT ANGLE TO, THE CENTERLINE OF SAID STATE ROAD No. 44; THENCE N.74'40'03"E. PARALLEL TO AND 150 FEET FROM THE CENTERLINE OF STATE ROAD No. 44 A DISTANCE OF 1363.81 FEET TO THE POINT OF BEGINNING.

A PORTION OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 18 EAST, CITRUS COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SW CORNER OF LOT 9, BLOCK A, NEW MAYFIELD ACRES AS RECORDED IN PLAT BOOK 2, PAGE 42, PUBLIC RECORDS OF CITRUS COUNTY, FLORIDA; THENCE S.89'43'25"E. ALONG THE SOUTH LINE OF SAID LOT 9, BLOCK A AND A EASTERLY PROJECTION THEREOF, A DISTANCE OF 640.22 FEET; THENCE S.00M6'35"W., A DISTANCE OF 76.49 FEET TO A POINT THAT IS 150 FEET SOUTHEASTERLY FROM, WHEN MEASURED AT A RIGHT ANGLE TO THE CENTERLINE OF STATE ROAD No. 44; THENCE CONTINUE S.00"16'35"W, A DISTANCE OF 2,151.70 FEET; THENCE S.89"3'48"W, A DISTANCE OF 808.77 FEET TO THE POINT OF BEGINNING: THENCE CONTINUE S.89"13'46"W, A DISTANCE OF 511.23 FEET: THENCE N.00'46'14"W., A DISTANCE OF 511.23 FEET: THENCE N.89"13'46"E., A DISTANCE OF 511.23 FEET; THENCE S.00°46'14"E., A DISTANCE OF 511.23 FEET TO THE POINT OF BEGINNING, SAID EXCEPTION CONTAINING 6 ACRES, MORE OR LESS.

A PORTION OF SECTIONS 1 AND 12, TOWNSHIP 19 SOUTH, RANGE 18 EAST AND SECTION 6, TOWNSHIP 19 SOUTH, RANGE 19 EAST, CITRUS COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF SECTION 1 TOWNSHIP 19 SOUTH, RANGE 18 EAST, CITRUS COUNTY, FLORIDA: THENCE SOUTH 89°43'25" EAST ALONG AN EASTERLY EXTENSION OF THE NORTH BOUNDARY OF THE SOUTHEAST QUARTER OF SAID SECTION 1, A DISTANCE OF 285.89 FEET; THENCE SOUTH 00°16'35" WEST, A DISTANCE OF 2,930.05 FEET; THENCE NORTH 89°43'25" WEST PARALLEL WITH THE NORTH BOUNDARY OF THE SOUTHEAST QUARTER OF SAID SECTION 1. A DISTANCE OF 1,925.00 FEET; THENCE NORTH 00M6'35" EAST, A DISTANCE OF 421.83 FEET; THENCE NORTH 89'43'25" WEST PARALLEL WITH THE NORTH BOUNDARY OF THE SOUTHEAST QUARTER OF SAID SECTION 1, A DISTANCE OF 1,320.00 FEET; THENCE NORTH 00"6"35" EAST, A DISTANCE OF 2,030.38 FEET TO A POINT OF INTERSECTION WITH THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NUMBER 44, SAID POINT BEING 150.0 FEET FROM, WHEN MEASURED AT RIGHT ANGLES TO THE CENTERLINE OF SAID STATE ROAD NUMBER 44; THENCE NORTH 75'41'50" EAST ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, A DISTANCE OF 309.98 FEET; THENCE DEPARTING SAID SOUTHERLY RIGHT-OF-WAY LINE SOUTH 00"16'35" WEST, A DISTANCE OF 1,808.41 FEET; THENCE SOUTH 89'43'25" EAST PARALLEL WITH THE NORTH BOUNDARY OF THE SOUTHEAST QUARTER OF SAID SECTION 1, A DISTANCE OF 1,320.00 FEET; THENCE SOUTH 001635" WEST, A DISTANCE OF 421.83 FEET; THENCE SOUTH 89'43'25" EAST PARALLEL WITH THE NORTH BOUNDARY OF THE SOUTHEAST QUARTER OF SAID SECTION 1, A DISTANCE OF 1,325.00 FEET; THENCE NORTH 00'16'35" EAST, A DISTANCE OF 2,630.05 FEET TO A POINT OF INTERSECTION WITH THE NORTH BOUNDARY OF THE SOUTHEAST QUARTER OF SAID SECTION 1; THENCE SOUTH 89'43'25" EAST ALONG THE NORTH

14.11 FEET TO THE POINT OF BEGINNING. SAID PARCEL CONTAINING 55.55 ACRES, MORE OR LESS.

	1			
X COORDINATE	Y COORDINATE	LONGITUDE	LATITUDE	ELEVATION TOP OF WELL CASING
515703.188	1641952.201	82"26'19.59919" W.	28°50′59.45064″ N.	113.46'
,				118.25'
517016.947	1644134.0121	82°26'04.91534" W.		136.19'
517026.689	1641528.493	82°26'04.69852" W.		120.47
514330.1915	1642944.6946	82°26'35.08066" W.		106.11
515706.7199	1643027.5870	82°26'19.60416" W.	Para a	121.14'
515710.8712	1642921.8127	82°26'19.55309" W.	28 ° 51'09.05065" N.	118.48'
515734.4675	1644075.0314	82°26'19.33566" W.	28°51'20.46904" N.	118.08'
1304000				
514187.411	1642978.872	82°26'36.68776" W.	28°51'09.55952" N.	109.51'
517032.495	1642518.150	82°26'04.67396" W.	28°51'05.10226" N.	128.66'
514411.959	1643276.437	82°26'34.17505" W.	28°51'12.51388" N.	113.46'
514408.379	1642551.088	82°26'34.18489" W.		118.08'
514808.4751	1643659.0352	82°26'29.73194" W.	28°51'09.22643" N.	114.20'
514299,5523		82°26'35,44538" W.	28°51'13.97960" N.	105.21'
514306.5574			28°51'09.50448" N.	104.01'
			28"51'05.25644" N.	112.61'
			28'51'00.72119" N.	109.12'
	The state of the s		28°50'58.35224" N.	124.21'
	I		28°51'02.82310" N.	120.31'
			28*50'58.39859" N.	111.55'
	T		28°51'30.60751" N.	116.41'
				114.16'
			28°51'14.78419" N.	111.56'
				117.32'
				118.90' (NAVD 1988
				114.79' (NAVD 1988
	517016.947 517026.689 514330.1915 515706.7199 515710.8712 515734.4675 514187.411 517032.495 514408.379 514808.4751	515703.188 1641952.201 517016.947 1644134.0121 517026.689 1641528.493 514330.1915 1642944.6946 515706.7199 1643027.5870 515710.8712 1642921.8127 515734.4675 1642978.872 517032.495 1642518.150 514411.959 1643276.437 514408.379 1642551.088 514299.5523 1643659.0352 514299.5523 1643424.8999 514306.5574 1642972.8677 514299.7062 1642543.8233 514845.7153 1641844.4367 515765.2792 1642292.6040 515619.9611 1641846.2474 514730.9420 1643746.0676 514816.3731 1643660.2048 514454.2759 1643833.4593 516020.7612 1643833.4593 516104.004 1642999.189	515703.188 1641952.201 82*26'19.59919" W. 517016.947 1644134.0121 82*26'04.91534" W. 517026.689 1641528.493 82*26'04.69852" W. 514330.1915 1642944.6946 82*26'35.08066" W. 515706.7199 1643027.5870 82*26'19.60416" W. 515710.8712 1642921.8127 82*26'19.55309" W. 514187.411 1642978.872 82*26'36.68776" W. 517032.495 1642518.150 82*26'04.67396" W. 514411.959 1643276.437 82*26'34.18489" W. 514808.4751 1643659.0352 82*26'35.44538" W. 514299.5523 1643424.8999 82*26'35.34763" W. 514299.7062 1642543.8233 82*26'35.34763" W. 514302.3733 1642085.7341 82*26'29.23727" W. 515765.2792 1642292.6040 82*26'18.91510" W. 515619.9611 1641846.2474 82*26'29.64317" W. 514816.3731 1643660.2048 82*26'33.70877" W. 514502.07612 1643833.4593 82*26'37.35189" W. 515020.7612 1643833.4593 82*26'15.135" W. <td>515703.188 1641952.201 82"26"19.59919" W. 28"50"59.45064" N. 517016.947 1644134.0121 82"26"04.91534" W. 28"51"21.09969" N. 517026.689 1641528.493 82"26"04.69852" W. 28"50"55.30387" N. 514330.1915 1642944.6946 82"26"35.08066" W. 28"51"09.22643" N. 515706.7199 1643027.5870 82"26"19.55309" W. 28"51"10.09772" N. 515710.8712 1642921.8127 82"26"19.55309" W. 28"51"09.05065" N. 515734.4675 1644075.0314 82"26"36.68776" W. 28"51"09.55952" N. 514187.411 1642978.872 82"26"04.67396" W. 28"51"05.10226" N. 514411.959 1643276.437 82"26"34.17505" W. 28"51"05.10226" N. 514408.379 1642551.088 82"26"34.18489" W. 28"51"05.33238" N. 514808.4751 1643659.0352 82"26"35.34538" W. 28"51"13.97960" N. 514299.5523 1643424.8999 82"26"35.34743" W. 28"51"05.25644" N. 514302.3733 164297.8677 82"26"35.35744" W. 28"51"00.72119" N. 51459.9611 1641844.4367 82"26"35.35744" W.</td>	515703.188 1641952.201 82"26"19.59919" W. 28"50"59.45064" N. 517016.947 1644134.0121 82"26"04.91534" W. 28"51"21.09969" N. 517026.689 1641528.493 82"26"04.69852" W. 28"50"55.30387" N. 514330.1915 1642944.6946 82"26"35.08066" W. 28"51"09.22643" N. 515706.7199 1643027.5870 82"26"19.55309" W. 28"51"10.09772" N. 515710.8712 1642921.8127 82"26"19.55309" W. 28"51"09.05065" N. 515734.4675 1644075.0314 82"26"36.68776" W. 28"51"09.55952" N. 514187.411 1642978.872 82"26"04.67396" W. 28"51"05.10226" N. 514411.959 1643276.437 82"26"34.17505" W. 28"51"05.10226" N. 514408.379 1642551.088 82"26"34.18489" W. 28"51"05.33238" N. 514808.4751 1643659.0352 82"26"35.34538" W. 28"51"13.97960" N. 514299.5523 1643424.8999 82"26"35.34743" W. 28"51"05.25644" N. 514302.3733 164297.8677 82"26"35.35744" W. 28"51"00.72119" N. 51459.9611 1641844.4367 82"26"35.35744" W.

	LANDFILL GAS	MONITORING F	PROBE LOCATIONS	•	
GAS MONITORING PROBE No.	X COORDINATE	Y COORDINATE	LONGITUDE	LATITUDE	ELEVATION TOP OF WELL CASING
1 4	515759.6430	1644024.1637	82°26'19.05041" W.	28 * 51 ' 19.96634 " N.	114.31'
2	515311.3421	1643985.9194	82°26'24.09040" W.	28'51'19.57128" N.	121.10
3 (3.4)	514843.5355	1643863.4854	82°26'29.34620" W.	28°51'18.34191" N.	115.08'
4	514330.4791	1643702.6107	82°26'35.10924" W.	28°51'16.73024" N.	104.54
5	514152.2632	1643484.3916	82°26'37.10426" W.	28 * 51 ' 14.56316 " N.	105.17'
6	514069.5702	1642886.4767	82°26'38.00907" W.	28 * 51'08.64040" N.	112.12'
7	514119.8141	1642444.1964	82°26'37.42546" W.	28 ° 51'04.26342" N.	114.60'
8 1	514095.1760	1641978.6777	82°26'37.68296" W.	28 ' 50'59.65361" N.	106.71
9	514426.7014	1641676.8201	82°26'33.94218" W.	28"50'56.67730" N.	114.28
10	514912.7361	1641672.9166	82°26'28.47643" W.	28*50'56.65656" N.	125.70'
11 A.A.A.	515397.5489	1641667.9273	82°26'23.02437" W.	28 [*] 50'56.62497" N.	114.69'
12	515586.1393	1641260.0907	82°26'20.88666" W.	28'50'52.59406" N.	117.04
13 v.:	516095.9861	1641269.1991	82°26'15.15374" W.	28'50'52.70287" N.	107.41'
14	516611.7615	1641253.6098	82°26'09.35312" W.	28°50'52.56731" N.	127.48'
15	517067.5366	1641259.1318	82°26'04.22809" W.	28*50'52.63852" N.	124.11
16	517305.4731	1641722.4351	82°26'01.57149" W.	28°50'57.23411" N.	120.84'
17	517310.3329	1642206.6639	82°26'01.53673" W.	28°51'02.02843" N.	117.59'
180	517305.2505	1642623.1043	82°26'01.61100" W.	28°51'06.15126" N.	118.01
GS-J-3-E	515692.9475	1643169.3309	82°26'19.76494" W.	28°51'11.50056" N.	125.74'
GS-N-6-E	515693.4141	1643368.8358	82°26'19.76802" W.	28*51'13.48569" N.	127.45'
GS-T-6	515693.4326	1643668.7379	82°26'19.78024" W.	28°51′16.4450″ N.	126.97'
GS-2-E	517032.8076	1642187.6990	82°26'04.65684" W.	28"51'01.83062" N.	128.86'
GS-4-E	517188.9927	1642192.9295	82°26'02.90069" W.	28'51'01.88807" N.	
GS-1-E	517033.1595	1642260.5152	82°26'04.65588" W.	28*51'02.55156" N.	128.26'
GS-1-W	514292.2992	1643199.9376	82°26'35.51750" W.	28'51'11.75208" N.	energia esperanta propriata con ocupa de CAA de contra distribución de contra
GP-19	517295.633	1643146.916	82'26'01.741" W.	28°51'11.337" N.	124.04' (NAVD 1988

POINT NUMBER	X COORDINATE	Y COORDINATE	
224 14 ENSESSE	514395.1807	1643753.9871	
26	515714.1808	1644097.5662	
75	516001.5039	1644172.6504	
32	516001.5501	1644154.2004	
23	517039.2700	1644154.6930	
2231	517053.3100	1644154.6790	
2233	517339.2700	1644154.8351	
17 ajjateksii	517040.1105	1641524.5131	
2222	517340.2063	1641224.6324	
2221	515415.3389	1641223.8669	
15	515715.2180	1641523.9862	
13	515715.1632	1641945.7506	
2220	515415.1689	1641645.6796	
2219	514095.1490	1641645.3671	
2218	514095.1795	1643675.8414	
11	514395.1535	1641945.4381	

Dept. of Environmental Protection

AERIAL TARGET	NUMBER	X COORDINATE	Y COORDINATE	ELEVATION
A-1		514415.7043	1643723.8932	110.16'
A-2	, was any or of S	515930.7731	1644154.1668	116.16'
A-3	aga P	517039.1853	1643947.0030	130.79
A-4	Organisa	517038.7010	1642758.8531	126.06'
A-5		517039.9417	1641584.9931	119.62
A-6		515715.2180	1641523.9862	109.08'
A-7	graphic and services	514435.8577	1642134.6139	115.28
A-8		514425.2393	1642971.9717	109.56

PEIZOMETER

 GAS PROBE GS GAS SAMPLING POINT

W MONITOR WELL

AERIAL TARGET

FOUND CONCRETE MONUMENT, NO IDENTIFICATION (UNLESS OTHERWISE INDICATED)

SET 5/8" CAPPED IRON ROD, CITRUS COUNTY (UNLESS OTHERWISE INDICATED)

BOUNDARY SURVEY JOB No. 11-001 PROJ. No. 11-461 DRAWN BY: FLH I hereby certify that this map is a true and accurate Citrus County DWG. No. 00-149WellsOnly depiction of a survey performed for Citrus County, Florida under my supervision and direction and that it meets the MAP DATE: 02/10/2011 minimum technical requirements for boundary surveys as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J—17, Florida Administrative Code, pursuant to Chapter 472.027, Florida Statutes. SCALE: 1" = 200' Division of Engineering SHEET No. 1 OF 1 Survey Section FIELD DATE: 01/27/2011 FC2500 FILE: MW_01272011 3600 WEST SOVEREIGN PATH, SUITE 241 LECANTO, FLORIDA. 34461 Thuis Francis L. Hurt, PSM BIATE (352) 527-5498 FAX (352) 527-5476 Florida Registration No. 4635 SEC. 01,TWP. 19 S, RNG 18 E Not valid without the original raised seal and signature of a Florida licensed Surveyor and Mapper