From: Justin G. Roessler
To: Black, Alexis
Cc: Madden, Melissa; Tafuni, Steven
Subject: RE: Monitoring Well 4MW-23
Date: Tuesday, November 5, 2019 12:13:42 PM

Thanks. We are getting this going now. I'll let you know once we have a date scheduled.

From: Black, Alexis <Alexis.Black@FloridaDEP.gov>
Sent: Tuesday, November 05, 2019 11:59 AM
To: Justin G. Roessler <jroessler@pascocountyfl.net>
Cc: Madden, Melissa <Melissa.Madden@FloridaDEP.gov>; Tafuni, Steven <Steven.Tafuni@FloridaDEP.gov>
Subject: RE: Monitoring Well 4MW-23

Hi Justin:

No problem. I hope you had a good vacation. I apologize for missing your call yesterday. I'm typically out of the office on Mondays.

I spoke with Steven Tafuni about this matter and the Department will require that sampling of this monitoring well be completed prior to December 31, 2019. The parameters that should be tested for are listed in the table below. These are the Initial Sampling parameters. The sampling results should be submitted within 60 days of the sampling date or by January 15, 2020.

Field Parameters	Laboratory Parameters
Static water level in wells before purging	Ammonia – N, Total
Dissolved oxygen	Chlorides
pH	Iron
Specific conductivity	Nitrate
Temperature	Sodium
Turbidity	Total dissolved solids (TDS)
Colors and sheens (by observation)	Those parameters listed in 40 CFR Part 258, Appendix II.*
* Mercury not listed because it is included in Appendix II. * Appendix I is not listed because it is a subset of Appendix II	

Please let me know if you have questions or concerns.

Thank you,
Alexis

Alexis Black
Environmental Specialist
Compliance Assurance Program
Florida Department of Environmental Protection
Southwest District

PLEASE NOTE: Florida has a very broad public records law. Electronic communications regarding state business are public records available upon request. Your e-mail communications may therefore be subject to public disclosure.

Please consider the environment before printing this email.

From: Justin G. Roessler <jroessler@pascocountyfl.net>
Sent: Monday, November 4, 2019 8:52 AM
To: Black, Alexis <Alexis.Black@FloridaDEP.gov>
Subject: FW: Monitoring Well 4MW-23

Hi Alexis,

My apologies. I was out on vacation last week. I will follow up with everyone on this today.

Thanks,
Justin

From: Timothy J. Treshler
Sent: Friday, November 01, 2019 3:04 PM
To: John Power; Candia Mulhern
Cc: Justin G. Roessler
Subject: FW: Monitoring Well 4MW-23

FYI

From: Black, Alexis <Alexis.Black@FloridaDEP.gov>
Sent: Friday, November 01, 2019 2:40 PM
To: Timothy J. Treshler <ttreshler@pascocountyfl.net>
Cc: Madden, Melissa <Melissa.Madden@FloridaDEP.gov>
Subject: Monitoring Well 4MW-23

Hi Tim:

Thank you for your assistance in gathering more information about the abovementioned well. Please let me know the date of its installation, all initial sampling information, all routine sampling information, and the date filling in Cells 3 and/or 4 of the Class III landfill commenced.

Thank you,
Alexis

Alexis Black
Environmental Specialist
Compliance Assurance Program
Florida Department of Environmental Protection
Southwest District
Alexis.Black@floridadep.gov
Office: 813.470.5912

PLEASE NOTE: Florida has a very broad public records law. Electronic communications regarding state business are public records available upon request. Your e-mail communications may therefore be subject to public disclosure.

Please consider the environment before printing this email.

The information transmitted, including attachments, is intended only for the person(s) or entity to which it is addressed and may contain material that is confidential, privileged and/or exempt from disclosure under applicable law. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and destroy any copies of this information. Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

CUSA18A7

From:	Black, Alexis
To:	"John Power"
Cc:	Madden, Melissa; "Timothy J. Treshler"
Subject:	RE: Well Completion Report and Log
Date:	Friday, November 1, 2019 5:18:00 PM
Attachments:	image008.png image009.png FW Pasco County West landfill (Hays Road).msg

---

Hi John:

I received additional information regarding the documentation that needs to be submitted for 4MW-23. Please see the attached email.

Please feel free to contact me if you have questions or concerns.

Thank you,
Alexis

Alexis Black
Environmental Specialist
Compliance Assurance Program
Florida Department of Environmental Protection
Southwest District

PLEASE NOTE: Florida has a very broad public records law. Electronic communications regarding state business are public records available upon request. Your e-mail communications may therefore be subject to public disclosure.

Please consider the environment before printing this email.

From: Black, Alexis
Sent: Friday, November 1, 2019 5:07 PM
To: John Power <jpower@pascocountyfl.net>
Cc: Madden, Melissa <Melissa.Madden@FloridaDEP.gov>; Timothy J. Treshler <ttreshler@pascocountyfl.net>
Subject: FW: Well Completion Report and Log

Hi John:

Thank you for speaking with Melissa and me earlier about monitoring well 4MW-23. Immediately after our call ended, Phil Ciaravella from the Solid Waste Section in Tallahassee forwarded Melissa the monitoring well completion report for 4MW-23. That report is attached. That's one item we mark off as completed. The below listed documentation was due to the Department following the installation of 4MW-23. Also, please provide me with the date around which filling of Cells 3 and/or 4 of the landfill commenced.

- A survey drawing, per Appendix 3: Water Quality Mon Plan V.B.2.
- The results of an initial sampling event, per Appendix 3: Water Quality Mon Plan V.E.6. I've included the Initial Groundwater Monitoring Parameters below.

Field Parameters	Laboratory Parameters
Static water level in wells before purging	Ammonia – N, Total
Dissolved oxygen	Chlorides
pH	Iron
Specific conductivity	Nitrate
Temperature	Sodium
Turbidity	Total dissolved solids (TDS)
Colors and sheens (by observation)	Those parameters listed in 40 CFR Part 258, Appendix II.*
* Mercury not listed because it is included in Appendix II. * Appendix I is not listed because it is a subset of Appendix II	

Please feel free to contact me with any questions or concerns.

Best regards,

Alexis Black
Environmental Specialist
Compliance Assurance Program
Florida Department of Environmental Protection
Southwest District
Alexis.Black@floridadep.gov
Office: 813.470.5912

PLEASE NOTE: Florida has a very broad public records law. Electronic communications regarding state business are public records available upon request. Your e-mail communications may therefore be subject to public disclosure.

Please consider the environment before printing this email.

From: Ciaravella, Philip
Sent: Friday, November 1, 2019 4:45 PM
To: Madden, Melissa <Melissa.Madden@FloridaDEP.gov>
Subject: FW: Well Completion Report and Log

Philip J. Ciaravella
Solid Waste Section
850-245-8742
Philip.Ciaravella@FloridaDep.gov

From: Justin G. Roessler <jroessler@pascocountyfl.net>
Sent: Monday, May 7, 2018 3:55 PM
To: Ciaravella, Philip <Philip.Ciaravella@dep.state.fl.us>
Cc: John Power <jpower@pascocountyfl.net>; Carrie S. Kimble <ckimble@pascocountyfl.net>; Chamberlain, Justin <Justin.Chamberlain@dep.state.fl.us>
Subject: Well Completion Report and Log

Phil,

Consistent with our permit conditions we installed an additional monitoring well MW 4-23 prior to moving into our subcells 3-4 at our class III landfill. Attached is the well completion report and logs. We will send the survey information following completion. Please let us know if you need anything else.

Thank you,

Justin Roessler, Ph.D.
Assistant Solid Waste Director
Utilities-Solid Waste
Resource Recovery Facility
Pasco County
P 727-857-2780
F 727-861-3099
14230 Hays Rd.,
Spring Hill, FL 34610
jroessler@pascocountyfl.net
www.pascocountyfl.net

"Serving our community to create a better future."

"Bringing Opportunities Home"

The information transmitted, including attachments, is intended only for the person(s) or entity to which it is addressed and may contain material that is confidential, privileged and/or exempt from disclosure under applicable law. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and destroy any copies of this information. Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

CUSA18A7

STATE OF FLORIDA WELL COMPLETION REPORT

☒ Southwest
☐ Northwest
☐ St. Johns River
☐ South Florida
☐ Suwannee River
☐ DEP
☐ Delegated Authority (If Applicable) _____

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Date Stamp
Received:
Apr 30, 2018 12:55 pm

Official Use Only

1.*Permit Number 868825 *CUP/WUP Number _____ *DID Number _____ 62-524 Delineation No. _____

2.*Number of permitted wells constructed, repaired, or abandoned 1 *Number of permitted wells not constructed, repaired, or abandoned 0

3.*Owner's Name PASCO COUNTY/BRW Contracti 4.*Completion Date 04/24/2018 5. Florida Unique ID _____

6. 14230 HAYS RD N/A
*Well Location - Address, Road Name or Number, City, ZIP

7. *County Pasco *Section 25 Land Grant _____ *Township 24 *Range 17

8. Latitude 28 22 25.00 Longitude 82 34 01.92

9. Data Obtained From: ___ GPS X Map ___ Survey Datum: ___ NAD 27 X NAD 83 ___ WGS 84

10.*Type of Work: X Construction ___ Repair ___ Modification ___ Abandonment

11.*Specify Intended Use(s) of Well(s):
___ Domestic
___ Bottled Water Supply
___ Public Water Supply (Limited Use/DOH)
___ Public Water Supply (Community or Non-Community/DEP)
___ Class I Injection
___ Landscape Irrigation
___ Recreation Area Irrigation
___ Agricultural Irrigation
___ Livestock
___ Nursery Irrigation
___ Commercial/Industrial
___ Golf Course Irrigation
___ Site Investigation
X Monitoring
___ Test
___ Earth-Coupled Geothermal
___ HVAC Supply
___ HVAC Return

Class V Injection: ___ Recharge ___ Commercial/Industrial Disposal ___ Aquifer Storage and Recovery ___ Drainage
Remediation: ___ Recovery ___ Air Sparge ___ Other (Describe) _____
___ Other (Describe) _____

12.*Drill Method: ___ Auger ___ Cable Tool ___ Rotary ___ Combination (Two or More Methods) ___ Jetted X Sonic
___ Horizontal Drilling ___ Hydraulic Point (Direct Push) ___ Other _____

13.*Measured Static Water Level 0.0 ft. Measured Pumping Water Level _____ ft. After _____ Hours at _____ GPM

14.*Measuring Point (Describe) _____ Which is ___ ft. ___ Above ___ Below Land Surface *Flowing: ___ Yes ___ No

15.*Casing Material: ___ Black Steel ___ Galvanized X PVC ___ Stainless Steel ___ Not Cased ___ Other _____

16.*Total Well Depth 53.0 ft. Cased Depth 38.0 ft. *Open Hole: From ___ To ___ ft. *Screen: From ___ To ___ ft. Slot Size _____

17.*Abandonment: ___ Other (Explain) _____
From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___

18.*Surface Casing Diameter and Depth:
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___

19.*Primary Casing Diameter and Depth:
Dia 2.00 in. From 34.00 ft. To 38.00 ft. No. of Bags 1.50 Seal Material (Check One): ___ Neat Cement ___ Bentonite X Other Sand
Dia 2.00 in. From 0.00 ft. To 34.00 ft. No. of Bags 6.00 Seal Material (Check One): X Neat Cement ___ Bentonite ___ Other ___
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___

20.*Liner Casing Diameter and Depth:
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___

21.*Telescope Casing Diameter and Depth:
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___
Dia ___ in. From ___ ft. To ___ ft. No. of Bags ___ Seal Material (Check One): ___ Neat Cement ___ Bentonite ___ Other ___

22. Pump Type (If Known):
___ Centrifugal ___ Jet ___ Submersible ___ Turbine
Horsepower _____ Pump Capacity (GPM) _____
Pump Depth ___ ft. Intake Depth ___ ft.

23. Chemical Analysis (When Required):
Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm
___ Laboratory Test ___ Field Test Kit

24. Water Well Contractor:

*Contractor Name James P Hinst *License Number 9311 E-mail Address jim@drillprollc.com

*Contractor's Signature Digitally Signed
(I certify that the information provided in this report is accurate and true.)
*Driller's Name (Print or Type) BILLY MOSS

FORM LEG-R.005.02 (06/10) Rule 40D-3.411 (1)(a), F.A.C. EFFECTIVE DATE: 9/12/2010

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
2379 BROAD STREET, BROOKSVILLE, FL 34604-6899
PHONE: (352) 796-7211 or (800) 423-1476
WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
4049 REID STREET, PALATKA, FL 32178-1429
PHONE: (386) 329-4500
WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712
(U.S. Highway 90, 10 miles west of Tallahassee)
PHONE: (850) 539-5999
WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
P.O. BOX 24680
3301 GUN CLUB ROAD
WEST PALM BEACH, FL 33416-4680
PHONE: (561) 686-8800
WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
9225 CR 49
LIVE OAK, FL 32060
PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)
WWW.MYSUWANNEERIVER.COM

***DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From (ft.)	To (ft.)	Color	Grain Size (F, M, C)	Material
0.0	5.0	BROWN	FINE	SAND
5.0	20.0	BROWN	FINE	SAND
20.0	38.0	ORANGE	NOT APPLI	SAND AND CLAY
38.0	53.0	NOT APPLICABLE	NOT APPLI	LIMESTONE

Comments: Finish: SCREENED OR SANDPOINT

GP WO 418053 4MW-23

***Detailed Site Map of Well Location**

N

Give distances from all reference points or structures, septic systems, sanitary hazards, and contamination sources within 500 ft. of well.

WELL COMPLETION LOG

Water Mgmt. Dist.:
Permit Number:

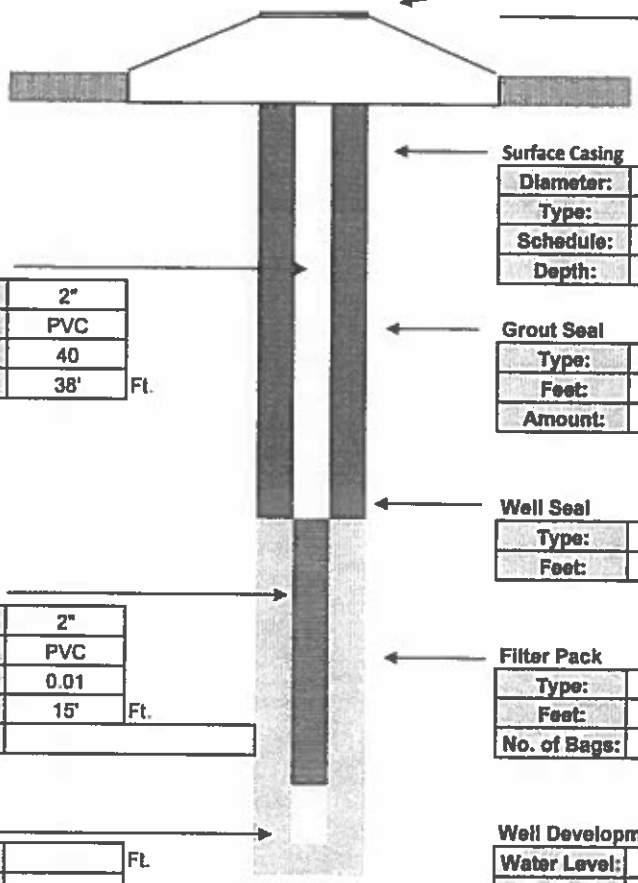
Work Order: 418053
Type of Well: Monitor
Well Number: 4MW - 23
Method Used: Sonic
Borehole Diaz. 6"

Site Information:
Name: Hays Rd Landfill
Address: 14606 Hays Rd
C,S,Z: Hudson, FL
S/T/R:

Client / Consultant Information
Consultant: PSI
Field Rep: Joseph Adelman

Well Diameter	Well Type	Well Depth	Screen Length	Casing Length	Bags Grout	Sand Bags/Weight	Filter Type	Well Seal
2"	PVC	53'	15'	38'	6	9 / 50 lbs.	20/30	30/65
40 ← Schedule		Slot Size: →	0.01		34'	← Feet →	17'	2'

Surface Completion
4" Steel AGP



Surface Casing

Diameter:	
Type:	
Schedule:	
Depth:	

Intermediate Casing

Diameter:	
Type:	
Schedule:	
Depth:	

Well Casing

Diameter:	2"	
Type:	PVC	
Schedule:	40	
Length:	38'	Ft.

Grout Seal

Type:	I / II PORTLAND	
Feet:	34'	
Amount:	6	Bags

Well Seal

Type:	30/65
Feet:	2'

Well Screen

Diameter:	2"	
Type:	PVC	
Slot:	0.01	
Length:	15'	Ft.
Note:		

Filter Pack

Type:	20/30
Feet:	17'
No. of Bags:	9 / 50 lbs.

Sump

Length:		Ft.
Type:		

Well Development

Water Level:	~38'		
Method:	Whale		
Start:		Finish:	
Time:	.5 Hr.		
GPM:			

Contractor Information

Contractor #:	9311
Completion:	4/24/2018
Driller:	Billy Moss
Lead Hand:	Thomas Watson
3rd Man:	Kenndal Cundiff
Drill Rig:	SR 4

Company:	Drillpro LLC d/b/a Groundwater Protection
Address:	2300 Silver Star Road
C,S,Z:	Orlando, Florida 32804-3310
Phone/FAX:	(407) 426-7885 / (407) 426-7586

From:	Madden, Melissa
To:	Black, Alexis
Subject:	FW: Pasco County West landfill (Hays Road)
Date:	Friday, November 1, 2019 5:13:46 PM
Attachments:	image003.png

Please feel free to contact me with any questions or concerns.

Thanks, Melissa

Melissa Madden
Senior Program Analyst – Solid Waste & Professional Development
Florida Department of Environmental Protection, Southwest District
13051 N Telecom Parkway, Suite 101, Temple Terrace, FL 33637
(813) 470-5795 Phone | (813) 470-5995 Fax
melissa.madden@floridadep.gov

From: Ciaravella, Philip
Sent: Friday, November 1, 2019 5:07 PM
To: Madden, Melissa <Melissa.Madden@FloridaDEP.gov>
Subject: FW: Pasco County West landfill (Hays Road)

FYI- This references the Class I but I think it relates to the Class III- it was sent on the same day.

Philip J. Ciaravella
Solid Waste Section
850-245-8742
Philip.Ciaravella@FloridaDep.gov

From: Chamberlain, Justin <Justin.Chamberlain@dep.state.fl.us>
Sent: Monday, May 7, 2018 1:47 PM
To: Joseph Adelman <joseph.adelman@psiusa.com>
Cc: Justin G. Roessler <jroessler@pascocountyfl.net>; Ciaravella, Philip <Philip.Ciaravella@dep.state.fl.us>; Morgan, Steve <Steve.Morgan@dep.state.fl.us>
Subject: RE: Pasco County West landfill (Hays Road)

Good afternoon Joseph,

Thank you for your email. I am the geologist at the local Southwest District office. Mr. Phil Ciaravella 850-245-8742 (and cc'd here) is the division geologist in Tallahassee who would be the primary contact for the site (Class I landfills are managed out of Tallahassee). Please find the link below to the Conditions of Certification, which has the Groundwater Quality Monitoring Requirements included in Attachment D:
http://publicfiles.dep.state.fl.us/Siting/Outgoing/Web/Certification/pa87_23_2017_C.pdf

So to answer your questions, some additional data will be needed. Please the requirements related to a new monitoring well installation:
Per Appendix D, 5.B., a copy of the Monitoring Well Completion Report, Form 62-701.900(30), F.A.C., must be submitted to the Department within thirty (30) days after installation of any new or replacement monitoring well(s). In addition, as-built well construction diagrams and soil boring logs that cover the entire depth of the monitoring well(s) must be submitted to the Department. [62-520.600(6)(j), F.A.C.] NOTE: The top of casing elevation of each well, to the nearest 0.01 feet, and the latitude and longitude of each well in degrees, minutes and seconds, to two (2) decimal places, must be determined and certified by a Florida Licensed Surveyor and Mapper and provided on the form. [62-701.510(3)(d)1 & 62-520.600(6)(i), F.A.C.]

Per Appendix D, 5.C. Surveying –
1. A copy of a drawing must be submitted within sixty (60) days following monitoring well installation showing the location of all monitoring sites (active, abandoned, and Evaluation Monitoring), piezometers, water bodies and waste filled areas. The location of features on the drawing must be horizontally and vertically located by standard surveying techniques. The drawing shall include all monitoring well locations, each monitoring well name and identification (WACS) number, the top of casing, pad elevation, permanent benchmark(s) and/or corner monument marker(s) referenced to a nationally recognized datum (such as NGVD 1929 or NAVD 1988) to the nearest 0.01 feet. The latitude and longitude of each well in degrees, minutes and seconds, to two (2) decimal places, must be determined and provided on the drawing. The survey shall be conducted and certified by a Florida Licensed Surveyor and Mapper. [62-701.510(1)(c) and (3)(d)1, and 62-520.600(6)(i), F.A.C.].

2. If a monitoring well is being replaced or new wells are being added to an existing ground water monitoring plan, only the new wells need to be surveyed as long as all other monitoring wells in the monitoring plan have been surveyed and certified by a Florida Licensed Surveyor and Mapper and there is no reason to believe that the elevations have changed. The location and elevation determinations and the certification must be provided with the Monitoring Well Completion Report upon completion of each new well. [62-701.510(3)(d)1, F.A.C.]

Per Appendix D, 2.B., an initial sampling of the completed monitoring well should occur after installation and should include the parameters listed in 62-701.510(5)(b), F.A.C.

Regards,
Justin

Justin Chamberlain, P.G.
Professional Geologist I
FL Department of Environmental Protection
Permitting & Waste Cleanup
13051 N. Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926
Direct: (813) 470-5725 Main: (813) 470-5700

email: Justin.Chamberlain@floridadep.gov
Updated e-mail address

For information on Solid Waste Permitting, please visit our web site:
https://floridadep.gov/waste/permitting-compliance-assistance/content/solid-waste-section

For Waste Cleanup Program guidance and information, please visit our web site:
https://floridadep.gov/waste/waste-cleanup/content/waste-site-cleanup-section

For information on the Florida Brownfields Redevelopment Program, please visit our web site:
https://floridadep.gov/waste/waste-cleanup/content/brownfields-program

Permitting Consistency Initiative: The Florida Department of Environmental Protection is committed to providing efficient, consistent and quality service to the citizens of Florida. In keeping with these objectives, we continue to identify ongoing improvements to our permitting process by standardizing and simplifying our documents.

From:	Justin G. Roessler
To:	Black, Alexis; Madden, Melissa; John Power
Subject:	FW: RE: Well Completion Report and Log
Date:	Monday, November 4, 2019 1:53:12 PM
Attachments:	image001.png image002.png 5-14-18 Monitoring Well Completion Report.pdf

---

Attached is the survey. This had been sent previously. Will follow up with a call soon.

Thank you

From: Justin G. Roessler <jroessler@pascocountyfl.net>
Sent: Monday, May 14, 2018 3:46 PM
To: Philip.Ciaravella@dep.state.fl.us
Cc: jpower@pascocountyfl.net; ckimble@pascocountyfl.net; Justin.Chamberlain@dep.state.fl.us; cmulhern@pascocountyfl.net
Subject: RE: Well Completion Report and Log

Phil,
We have had our monitoring well surveyed in to the top of the casing. Please see attached for the report. We had previously submitted the well logs and remaining portion of the report.
Thank you,
Justin Roessler

From: Justin G. Roessler
Sent: Monday, May 07, 2018 3:55 PM
To: Ciaravella, Philip
Cc: John Power; Carrie S. Kimble; 'Chamberlain, Justin'
Subject: Well Completion Report and Log
Phil,

Consistent with our permit conditions we installed an additional monitoring well MW 4-23 prior to moving into our subcells 3-4 at our class III landfill. Attached is the well completion report and logs. We will send the survey information following completion. Please let us know if you need anything else.
Thank you,

Justin Roessler, Ph.D.
Assistant Solid Waste Director
Utilities-Solid Waste
Resource Recovery Facility
Pasco County
P 727-857-2780
F 727-861-3099
14230 Hays Rd.,
Spring Hill, FL 34610
jroessler@pascocountyfl.net

www.pascocountyfl.net

"Serving our community to create a better future."

The information transmitted, including attachments, is intended only for the person(s) or entity to which it is addressed and may contain material that is confidential, privileged and/or exempt from disclosure under applicable law. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and destroy any copies of this information. Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

CUSA18A7

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form # 62-701.900(30)
Form Title: Monitoring Well Completion Report
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(3), F.A.C.

MONITORING WELL COMPLETION REPORT

DATE: 5/14/18

FACILITY NAME: West Pasco Class III Landfill

DEP PERMIT NO.: 26254-003-SO/T3 WACS FACILITY ID NO.: 45799

WACS MONITORING SITE NUM.: _____ WACS WELL NO.: 4MW-23

WELL TYPE: BACKGROUND ☐ DETECTION ☑ COMPLIANCE ☐

LATITUDE: 28 ° 22 ' 24.9679 " LONGITUDE: 082 ° 34 ' 2.6064 "

(see back for LAT / LONG requirements):

Coordinate Accuracy 0.01'/US FEET Datum NAD 83 FL W Elevation Datum NAVD 1988

Collection Method Three Wire Level Loop/ RTK GPS Collection Date 5/14/2018

Collector Name Shayne D. Trebour FL PSM 5945 Collector Affiliation Pasco County Surveying and Mapping Division

AQUIFER MONITORED: _____

DRILLING METHOD: _____ DATE INSTALLED: _____

INSTALLED BY: _____

BORE HOLE DIAMETER: _____ TOTAL DEPTH: _____ (BLS)

CASING TYPE: _____ CASING DIAMETER: _____ CASING LENGTH: _____

SCREEN TYPE: _____ SCREEN SLOT SIZE: _____ SCREEN LENGTH: _____

SCREEN DIAMETER: _____ SCREEN INTERVAL: _____ TO _____ (BLS)

FILTER PACK TYPE: _____ FILTER PACK GRAIN SIZE: _____

INTERVAL COVERED: _____ TO _____ (BLS)

SEALANT TYPE: _____ SEALANT INTERVAL: _____ TO _____ (BLS)

GROUT TYPE: _____ GROUT INTERVAL: _____ TO _____ (BLS)

TOP OF CASING ELEVATION (NGVD): NAVD88=54.69 GROUND SURFACE ELEVATION (NGVD): NAVD88=52.3

DESCRIBE WELL DEVELOPMENT: _____

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): _____

DATE AND TIME MEASURED: _____

REMARKS: _____

NAME OF PERSON PREPARING REPORT: _____

(Name, Organization, Phone No., E-mail)