Morris, John R.

From:	Adams, David <adamsds@hillsboroughcounty.org></adamsds@hillsboroughcounty.org>
Sent:	Tuesday, December 13, 2016 9:24 AM
То:	Morris, John R.
Cc:	Greenwell, Jeffry; Ruiz, Larry
Subject:	Abandonment records for TH-69, TH-70 and TH-71 at Southeast Landfill
Attachments:	SELF Well Abandonment Report-June 2010.pdf

John,

Attached please find the requested report of well abandonment for TH-69, TH-70 and TH-71. You are correct that these wells were abandoned after the replacement wells TH-69A, TH-70A, and TH-71A had been sampled for several quarters and it was determined that the new wells were properly constructed and screened into the water table. Should you have any questions, please feel free to call me.

From: Townsel, Michael
Sent: Tuesday, December 13, 2016 8:50 AM
To: Adams, David <AdamsDS@HillsboroughCounty.ORG>
Subject: FW: SE Landfill TH-79 survey data.

Dave,

Here is the abandonment report John is looking for.

Michael D. Townsel

Senior Hydrogeologist Public Utilities Department – Environmental Services

P: (813) 663-3222 E: townselm@HillsboroughCounty.org W: HillsboroughCounty.org

Hillsborough County 332 N. Falkenburg Road, Tampa, FL 33619

Facebook | Twitter | YouTube | LinkedIn

Please note: All correspondence to or from this office is subject to Florida's Public Records law.

From: Morris, John R. [mailto:John.R.Morris@dep.state.fl.us]
Sent: Monday, December 12, 2016 8:44 AM
To: Adams, David <<u>AdamsDS@HillsboroughCounty.ORG</u>>
Cc: Townsel, Michael <<u>TownselM@HillsboroughCounty.ORG</u>>
Subject: RE: SE Landfill TH-79 survey data.

Dave:

Good morning. Thanks for providing the survey data from Peavey for new well TH-79. I'll update the WACS record to reflect the revised lat/long coordinates. Can you let me know if the top of well elevation is referenced to NGVD or NAVD?

When I pulled up the ArcMap file for SE landfill to check the new lat/long coordinates for TH-79 this morning, I noticed that each of the well pairs on the west side of Section 9 are indicated to be "active." Weren't TH-69, TH-70 and TH-71 abandoned once it was demonstrated that the "A-series" replacement wells were adequately constructed? I found a report from SCS Engineers dated 8/8/2008 that provided construction details for the replacement wells, but the report did not include abandonment records for the original wells. Here's the OCULUS link: https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.239571.1]&[profile=Discovery_Compliance]

If the original wells were abandoned, can you find the date the abandonment was completed – I need to include the date of abandonment when I change the "status" field from active to abandoned. I'd like to make both sets changes to WACS at the same time.

Sorry about all the questions.

Thanks.

John



John R. Morris, P.G. Permitting and Waste Cleanup Program Florida Department of Environmental Protection, Southwest District

13051 N Telecom Parkway, Temple Terrace, FL 33637 Main office: 813-470-5700 Direct line: 813-470-5751 E-mail: john.r.morris@dep.state.fl.us

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 are pleased to announce ongoing improvements to our permitting process by standardizing and simplifying our documents. During the fall of this year, the Department will begin issuing permitting correspondence formatted consistently throughout all programs. Although the document formatting will look different from past correspondence, please be assured that the content continues to be driven by applicable Rule and Statute. As always, if you have any questions, please contact your local DEP District office.

From: Adams, David [mailto:AdamsDS@HillsboroughCounty.ORG]
Sent: Monday, December 12, 2016 7:34 AM
To: Morris, John R. <John.R.Morris@dep.state.fl.us>
Cc: Townsel, Michael <TownselM@HillsboroughCounty.ORG>
Subject: FW: SE Landfill TH-79 survey data.

John,

Below is the survey data for TH-79. Looks like we were very close to the actual location.

David S. Adams, P.G.

Environmental Manager Public Utilities Department – Environmental Services

P: (813) 663-3221 E: <u>adamsds@hillsboroughcounty.org</u> W: <u>HillsboroughCounty.org</u>

Hillsborough County 332 N. Falkenburg Road, Tampa, FL 33619

<u>Facebook</u> | <u>Twitter</u> | <u>YouTube</u> | <u>LinkedIn</u> Please note: All correspondence to or from this office is subject to Florida's Public Records law. From: Urena, Laurel [mailto:LUrena@scsengineers.com]
Sent: Saturday, December 10, 2016 12:54 PM
To: Adams, David <<u>AdamsDS@HillsboroughCounty.ORG</u>>
Cc: Ruiz, Larry <<u>RuizLE@HillsboroughCounty.ORG</u>>; Clark, Bruce <<u>BClark@SCSEngineers.com</u>>; Curtis, Bob
<<u>BCurtis@scsengineers.com</u>>
Subject: FW: se landfill th79

Hi Dave, Below is a text version of the Friday TH-79 survey information needed for WACS system entry.

Have a great weekend!

Laurel

Laurel Ureña, E.I.T. Project Professional 813-621-0080 **SCS Engineers**

From: Peavey [mailto:debpeavey@peaveysurveying.com]
Sent: Saturday, December 10, 2016 3:49 AM
To: Urena, Laurel <<u>LUrena@scsengineers.com</u>>; Weglarz, Buckley <<u>BWeglarz@scsengineers.com</u>>
Subject: se landfill th79

Th79 Casing elevation 129.60 GRID N:1249782.66 GRID E:598713.15 LATITUDE: 27°46'18.479" LONGITUDE: 082°10'39.621"





July 12, 2010

Mr. Michael Townsel Hillsborough County Public Utilities Department Solid Waste Management Division P.O. Box 1110 Tampa, FL 33601

Re: Well Abandonment and Installation of Staff Gauge Report Southeast County Landfill 15960 CR 672 Lithia, Florida

Dear Mr. Townsel:

Environmental Consulting & Technology, Inc. (ECT) is submitting this Monitoring Well Abandonment and Staff Gauge Installation Report detailing the activities conducted at the above-referenced facility.

Scope of Work

The scope of work was conducted under the Hillsborough County Solid Waste Management Division (SWMD). ECT was contracted to abandon four monitoring wells and to install one Stevens style surface water staff gauge.

Attachment 1 is a site map illustrating the site layout and location of the wells and staff gauge.

Well Abandonment

On June 25, 2010, ECT personnel met Preferred Drilling Solutions, Inc. (Preferred) at the site to abandon monitoring wells TH-56A, TH-69, TH-70 and TH-71. All four monitoring wells were originally installed with the riser extending approximately 3 feet above grade and enclosed in a locking steel protective cover.

Monitoring wells TH-69, TH-70 and TH-71 were abandoned by filling the Schedule 40 PVC casings with neat cement grout to the top of the casing. Monitoring well TH-56A had a bladder pump stuck in the upper 3 feet of the casing and in an attempt to remove the pump the casing broke off at approximately 6 inches below land surface (bls). The

1408 North Westshore Blvd., Suite 115 Tampa, FL 33607

> (813) 289-9338

FAX (813) 289-9388 Mr. Michael Townsel July 12, 2010 Page 2 of 2

protective steel cover was removed and remaining PVC casing was filled with neat cement grout to approximately 2 inches bls.

The wells were abandoned in accordance with current Southwest Florida Water management District regulations. The permits to abandon the wells and the well completion reports are included in as Attachment 2.

Staff Gauge Installation

On June 25, 2010, ECT personnel removed staff gauge 3B2B located in Long Flat Creek. ECT replaced the staff gauge at the same location with a new staff gauge. The staff gauge designation remains 3B2B. Photographs are provided as Attachment 3.

Should you have any questions regarding this report, please call me at (813) 289-9338.

Sincerely, ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.

BarbaraBMunkel

Barbara B. Munkel Project Manager

Enc.



ATTACHMENT 1

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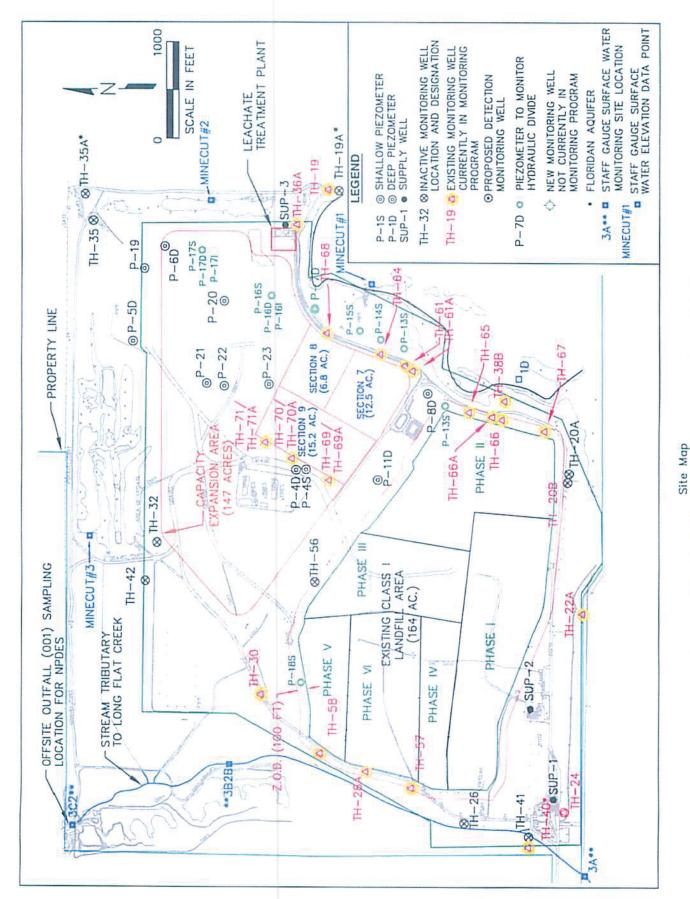
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SITE MAP



Southeast County Landfill Facility, Hillsborough County, Florida

ATTACHMENT 2

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MONITORING WELL ABANDONMENT PERMITS AND

WELL COMPLETION REPORTS

U.T.U			PERMIT APPLICATION	TO CONSTRUCT			
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No.		Southwest			Florida Unique	ə I.D.	rana a construction and and and and and and and and and an
		Northwest	THIS FORM MUST BE FILLE			tions Required (See	attached)
2		St. Johns River	The water well contractor is r this form and forwarding the		12.2.1		#
		South Florida Suwannee River	delogatod county where appl	kcable.		plication No.	
			DISTRICT ADDRESS ON BACK OF PERMI	TPORM	AISOV ⁴	NECTIONE FOR OFEN	. AL 1868 - 781 Y
	SBOROUGH C	OUNTY Entity if Corportation	PO BOX 1110 Address		A FL	33601-1110 Zip	Telephone Number
		D 674 LITHIA, N/A	-001032				
Well Lo	cation _ Addre	ss, Road Name or numb					
a opera	ORY W CAM	DAFI 1	2613	3		(727) 561-7477	
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County			division Name	Lol	Block	Unit	SW SE
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(Se	e Back)	ganon (Type) Fublic	Water Supply (type)	(See Back)			
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8. Applica	ation for:	New Constr	ruction Repair/Mod	dify Abando	nment NO LONG	Abandonment)	Date Stamp
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			to Seal Mate		roads and landmark	s: provide distances beh North	wen well and landmarks.
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12 Metho	d of Construe	tion: Botan	Cable Tool	Combination	NORTH OF C	II R672 AND WEST OI	FSOUTH
	Auger	1	ecity:) Plugged by approved me		CR39		
13. Indicat	e total No. o	wells on site 63. Li	ist number of unused wells o	on site _4	-		
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under a		Water Use Permit (CU	raver of conversion where	ation? No Yes			<u>8</u>
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PERMIT #: <u>805575.2</u> CUPMUP#: DID#: DID#: DID#: Indicate the number of wells drilled/abandoned for this report: 1 cancelled:

I certify that the information provided in this report is accurate and true. License # 2613 WATER WELL CONTRACTOR'S SIGNATURE Digitally Signed

Grout Veal Cement: Bentonite: ther

 WELL LOCATION: County
 HILLSBOROUGH

 1/4 of
 1/4 of
 1/4 of
 21

 Latitude:
 27° 46' 43.41"
 Longitude:
 82° 10' 49.78"

Sketch of well location on property		<u>of</u> Give distant	Field Test Kit conternation of the field Test Kit conternation of the field of t	Capacity: CPM: CPM: Capacity: Capacity: CPM: Intake Depth: CPM: 1.	
DATE STAMP Jul 06 2010	Official Use Only	S L	{] Lab Test {] Field Test Kit Pump Type f _ I Centrifinaal {] Let [] Suit	Pump Depth: 100 ft.	Form LEG-K DOD.00010403

OWNER'S NAME: HILLSBOROUGH COUNTY	HILLSBOF	SOUGH (COUNTY
COMPLETION DATE: 06/25/2010 Florida Unique Parcel # (Pin): U-14-31-21-222-000004-45590.0	06/25/2010 4-31-21-222-00	2010 ZZ-0000	Florida Unique I.D.: 04-45590.0
WELL USE:			
Sidury []	Public Supply [] Infgation] Irrigation	[] Domestic [] Montor
DRILL METHOD:	Injection (X) Other PLUGGED	r PLUGO	G
[] Rotary [] Jet		[] Cable Tool [] Auger	ol [] Combination X) Other Plugged
Measured Static Water Level: 15.00 After Hours at GPM.	r Level: 15 00 GPM.	Meas	Measured Pumping Water Level: Measuring Pt. (Deuzbe)
Writch isf. [] above M befow land surface Casing: [] Black Steel [] Galvanized M PVC	n.[]above XI sok Steel []Galvr	elow land su mized	d surface M PVC [] Other:
[] Open Hole	Depth	fe :	DRILL CUTTINGS LOG
l J Screen	(1961)	()	Examine cutings every 20 ft. or at formation channes. Mote contine
Casing Diameter and Depth (ft.)	From	ę	depth to producing zones. Color Gran Sze Type of Material
Diameter. 2	Prugged by at	Plugged by approved method	8
To 27			
Diameter.			
To:			
Liner[]or			
Diametar:			
To:			
TH-70			

PERMIT #: <u>805575.3</u> CUPMUP#: DID#: DID#: Indicate the number of wells drilled/abandoned for this report: 1 Indicate the number of wells permitted but not drilled/abandoned that are being cancelled:

WATER WELL CONTRACTOR'S SIGNATURE <u>Digitally Signed</u> I certify that the information provided in this report is accurate and true.

	Grout	No. of Bags	From (ft.)	To (ft.)
	Neat Cement:	0.65	0	30
	Bentonite:			
· · · · ·	(Other)			

WELL LOCATION: County HILLSBOROUGH 1/4 of 1/4 of Section 14 Township 31, Range 21 Latitude: 27° 46' 43.41" Longitude: -82° 10' 49.78"

DATE STAMP	Sketch of well location on property
Jul 06 2010	
Official Use Only	
CHEMICAL ANALYSIS WHEN REQUIRED	
Iron: ppm Sulfate: ppm	
ppm TDS	
Conductivity umhos/cm	Give distances from septic tank and house, or
[] Lab Test [] Field Test Kit	other reference points
Pump Type	
[] Centrifugal [] Jet [] Submersible [] Turbine	sible [] Turbine
Horsepower. Capacity	GPM:
Pump Depth: ft. Intake Depth:	pth: fl.
Form LEG-R.005.00(10/05)	

	HILLSBOROUGH COUNTY ATE 06/25/2010 Florida Unique	EH COUNTY Florida Unique I.D.:
MELL USE: [] Public Supply [] Irrigation [] Irrigation [X] Other PLUGGED	c Supply [] Irrig:	ition [] Domestic [] Monitor IGGED
DRILL METHOD	y [] Aug	Cattle Tool [] Combination Auger XO Other Plugged
Measured Static Watar Level: <u>15 00</u> After Hours at GPM. Which is f. 1 above X) bek Casing: [] Black Steel [] Galvanu	Cevel: 15.00 GPM. Ove Debow I	Measured Purnping Water Level: Measuring Pt. (Decoted) and surface M PVC [] Other:
{] Open Hole {] Screen	Depth (faet)	DRUL CUTINGS LOG Examine cutings every 20 ft. or at formation change Mana Anton cardios
Casing Diameter and Depth (ft.)	From To	depth to producing zones. Cota Grain Ste Type of Material
Diameter: 2 From: 0 To: 30	Plugged by Approved method	nethtad
Diameter: From: To		
Linter [] or Casing [] Drameter: From: To:		
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PERMIT #: 805575.4 CUPMUP#: DID#: DID#: Indicate the number of wells drilled/abandoned for this report: 1 Indicate the number of wells permitted but not drilled/abandoned that are being cancelled:

WATER WELL CONTRACTOR'S SIGNATURE <u>Digitally Signed</u> License # <u>2613</u> I certify that the information provided in this report is accurate and true.

		and the second se	
Grout	No. of Bags	From (ft.)	To (ft.)
Neat Cement:	0.61	0	28
Bentonite:			
(Other)			

WELL LOCATION: County HILLSBOROUGH 1/4 of Section 14 Township 31, Range 21 Latitude: 27° 46' 43.41" Longitude: -82° 10' 49.78"

DATE STAMP Jul 06 2010	Sketch of well location on property
Official Use Only	
CHEMICAL ANLYSIS WHEN REQUIRED Iron: ppm Sulfate: ppm Chlorides: ppm TDS mg/l	
est K	Give distances from septic tank and house, or other reference points
Pump Type [] Centrifugal [] Jet [] Submersible [] Turbine	stable [] Turbine
Horsepower. Capacity: Capa	eoth: A.
5.00(10/05)	

OWNER'S NAME: 1	HILLSBOROUGH COUNTY	SOUNTY
COMPLETION DATE: 06/25/2010 Florida Unique Parcel # (Pin): U-14-31-21-222-000004-45590.0	06/25/2010 4-31-21-ZZZ-0000	Florida Unique I.D.: 04-45590.0
WEIT USE:		
	Public Supply [] Imigation	[] Domestic [] Monitor
]]]]]]]]]]]]	ion IX Other PLUGG	ED
[] Rotary	y [] Cable Tool	ol [] Combination IXI Other Plugged
Measured Static Water Level: 15 00		18.3
Which isf. []: Casing: [] Black Slee	K below 1 alvanized	d sufface
[] Open Hole [] Screen	Depth (feet)	DRNL CUTTINGS LOG Examine cuttings every 20 ft or at
Casing Diameter and Depth (ft.)	From To	umativa cranges, roue daviers, depth to producing zones. Cobr Gren Sze Type of Material
Diameter: 2 From: 0	Plugged by approved method	8
To: 28		
Diameter: From: To:		
Liner[] or Casing[]		
Diameter: From. To		
TH-56-A		

Indicate the number of wells drilled/abandoned for this report: 1 Indicate the number of wells permitted but not drilled/abandoned that are being PERMIT #: 805575.1 CUPMUP#: cancelled:

WATER WELL CONTRACTOR'S SIGNATURE Digitally Signed

I certify that the information provided in this report is accurate and true. License # 2613

Grout	No. of Bags	From (ft.)	To (ft.)
Neat Cement:	0.55	0	25
Bentonite:			
(Other)			

 WELL LOCATION: County
 HILLSBOROUGH

 1/4 of
 1/4 of
 1/4 of
 21

 1/4 of
 21
 1/4 of
 21

 Latitude:
 27° 46' 43.41"
 Longitude:
 -82° 10' 49.78"

DATE STAMP	Sketch of well location on property	
Jul 06 2010		
Official Use Only		
S.		
om Sultate:		
Chiorides: ppm 105 mg/	 Give distances from sectic tank and house, or 	8
	other reference points	
Pump Type		
[] Centrifugal [] Jet [] Subm	[] Jei [] Submersible [] Turbine	
Horsepower. Capacity:	GPM:	
Pump Depth: ft. Intake Depth:)epth: ft.	
Form LEG-R.005.00(10/05)		

OWNER'S NAME: HILLSBOROUGH COUNTY COMPLETION DATE: 06/25/2010 Florida Unique	08/25	HILL SBOROUGH COUNTY 06/25/2010 Florida Unit	COUNTY Florida Unique I.D.:	
WELL USE: U-1	7-1 7-1 0-4	1000-77	0.08001-44	
	c Supply	Public Supply [] Irrigation I friection [XI Other PLI IGGED	[] Domestic [] Monitor	mitor
DRILL METHOD:	5			
[] Rotary [] Jat		[] Cable Tool [] Auger	ol [] Combination X) Other Plugged	
Measured Static Water Level: 15 00 After Hours at GPM.	Ir Level: 15.0 GPM.	0 Measu Measu	Measured Pumping Water Level: Measuring Pt. (Overte).	
Which isf. [] above [] betow land surface Casing: [] Black Steel [] Galvanzed [] PVC	et [] Galv	betow tand su anized	MPVC [] Other:	
Open Hote Screen	9 8	Depth (feet)	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or al formation channee. More courties	or at
Casing Diameter and Depth (ft.)	From	ę	depth to producing zones. Cotor Grain Size Type of Materia	laten af
eter:	Phugged by a	Pugged by approved method	×	
To 25				
Diametter: From: To'				
Linar [] or Casing []				
Duametter: From: To:				
TH-69				

ATTACHMENT 3 PHOTOGRAPHS

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Monitoring Well TH-69



Monitoring Well TH-70



Monitoring Well TH-71



Monitoring Well TH-56



Monitoring Well TH-56



Gauge 3B2B