

**Morris, John R.**

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**From:** Ken Cargill <kwcargill@earthlink.net>  
**Sent:** Friday, July 22, 2016 3:40 PM  
**To:** Morris, John R.  
**Subject:** FW: OBDF - Well abandonment permit - MW-04  
**Attachments:** GEOSYNTEC 0 WO 8287 - PERMIT 852617 AND RECEIPT.pdf

John

Attached please find permit for abandonment of MW-04 at the OBDF. I assume you need this for your files.

As you see in the email string below, the well was abandoned on 5 July 16 by Environmental Drilling Service and was monitored by Neil Stapley of Geosyntec.

Ken

***Kenneth W. Cargill, P.E.***

***KW Cargill, P.A.  
Geotechnical/Environmental Consultant  
6350 Riverside Drive  
Punta Gorda, FL 33982***

***Telephone: 941 276 2004  
Email: kwcargill@earthlink.net***

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**From:** Neil Stapley [mailto:NSTapley@Geosyntec.com]  
**Sent:** Friday, July 22, 2016 2:59 PM  
**To:** 'kwcargill@earthlink.net'  
**Cc:** Matt Wissler; Michael Callahan  
**Subject:** FW: OBDF - Well abandonment permit

Good afternoon Ken,

Attached is a scan of the MW-04 abandonment permit from the drillers. I guess the original scan became corrupted somewhere along the line. Thank you for the opportunity to help you out with the well installation and abandonment. Let us know if you need anything else and we'll try our best to help.

Have a nice weekend,  
Neil

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**From:** Matt Wissler  
**Sent:** Friday, July 22, 2016 2:51 PM  
**To:** Neil Stapley  
**Subject:** FW: OBDF - Well abandonment permit

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**From:** Lisa Gordon [<mailto:lisa@edsenvironmental.com>]  
**Sent:** Wednesday, July 13, 2016 10:54 AM  
**To:** Matt Wissler <[MWissler@Geosyntec.com](mailto:MWissler@Geosyntec.com)>  
**Subject:** RE: OBDF - Well abandonment permit

Try this one  
Lisa

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**From:** Matt Wissler [<mailto:MWissler@Geosyntec.com>]  
**Sent:** Wednesday, July 13, 2016 9:55 AM  
**To:** [lisa@edsenvironmental.com](mailto:lisa@edsenvironmental.com)  
**Subject:** FW: OBDF - Well abandonment permit

Hi Lisa,

I cannot open this file. Can you resend?

Thanks, Matt

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**From:** Neil Stapley  
**Sent:** Monday, July 11, 2016 12:17 PM  
**To:** Matt Wissler <[MWissler@Geosyntec.com](mailto:MWissler@Geosyntec.com)>; Michael Callahan <[MCallahan@Geosyntec.com](mailto:MCallahan@Geosyntec.com)>  
**Subject:** Fwd: OBDF - Well abandonment permit

Sent from my iPhone

Begin forwarded message:

**From:** "Lisa Gordon" <[lisa@edsenvironmental.com](mailto:lisa@edsenvironmental.com)>  
**To:** "Neil Stapley" <[NStapley@Geosyntec.com](mailto:NStapley@Geosyntec.com)>  
**Subject:** RE: OBDF - Well abandonment permit

Good morning Neil,  
Attached are your copies of the permit, receipt and well completion report for the well abandonment at Bannon Island Rd site.  
Thank you,

**Lisa Gordon**  
**Environmental Drilling Service, Inc**  
**4712 Old Winter Garden Road**  
**Orlando, FL 32811**  
**(407) 295-3532 phone**  
**(407) 296-3957 fax**  
[www.edsenvironmental.com](http://www.edsenvironmental.com)

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**From:** Neil Stapley [<mailto:NStapley@Geosyntec.com>]  
**Sent:** Tuesday, July 05, 2016 11:56 AM  
**To:** [lisa@edsenvironmental.com](mailto:lisa@edsenvironmental.com)  
**Cc:** Michael Callahan <[MCallahan@Geosyntec.com](mailto:MCallahan@Geosyntec.com)>  
**Subject:** OBDF - Well abandonment permit

Good morning Lisa,

I had the pleasure of working with JR and Mitch this morning to abandon monitoring well MW-04 out at OBDP. Could you please send us the abandonment permit when you have some time so we can forward that along to the site Client.

Thanks in advance,

**Neil Stapley,  
Site Manager II**

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50 South Belcher Road  
Suite 116  
Clearwater, Florida 33765  
Phone: 727.330.9960  
Fax: 813.558.9726  
Mobile: 813.468.6142  
[www.Geosyntec.com](http://www.Geosyntec.com)



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STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT,  
REPAIR, MODIFY, OR ABANDON A WELL

- ☒ 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)

The water well contractor is responsible for completing  
this form and forwarding the permit application to the  
appropriate delegated authority where applicable.

Permit No. **852617**

Florida Unique ID

Permit Stipulations Required (See Attached)

**04**

62-524 Quad No. **Q3313** Delineation No.

CUP/WUP Application No.

ABOVE THIS LINE FOR OFFICIAL USE ONLY

1. **Clay Cut LLC** **PO BOX 1877** **DUNDEE** **FL** **33838**  
\*Owner, Legal Name if Corporation \*Address \*City \*State \*ZIP \*Telephone Number  
2. **BANNON ISLAND RD**  
\*Well Location - Address, Road Name or Number, City **HAINES CITY**  
3. **272803000000041050**  
\*Parcel ID No. (PIN) or Alternate Key (Circle One)  
4. **3** **28** **27** **POLK** Lot Block Unit  
\*Section or Land Grant \*Township \*Range \*County Subdivision Check if 62-524: Yes ☒ No  
5. **Douglas A Leonhardt** **2406** **(407) 295-3532** **lisa@edsenvironmental.com**  
\*Water Well Contractor \*License Number \*Telephone Number E-mail Address  
6. **4712 OLD WINTER GARDEN ROAD**  
\*Water Well Contractor's Address **ORLANDO** **FL** **38211**  
City State ZIP

7. \*Type of Work: ☐ Construction ☐ Repair ☐ Modification ☒ Abandonment **NO LONGER NEEDED**  
8. \*Number of Proposed Wells **1** \*Reason for Repair, Modification, or Abandonment  
9. \*Specify Intended Use(s) of Well(s):  
☐ Domestic ☐ Landscape Irrigation ☐ Agricultural Irrigation ☐ Site Investigation  
☐ Bottled Water Supply ☐ Recreation Area Irrigation ☐ Livestock ☐ Monitoring  
☐ Public Water Supply (Limited Use/DOH) ☐ Nursery Irrigation ☐ Test  
☐ Public Water Supply (Community or Non-Community/DEP) ☐ Commercial/Industrial ☐ Earth-Coupled Geothermal  
☐ Class I Injection ☐ Golf Course Irrigation ☐ HVAC Supply  
Class V Injection: ☐ Recharge ☐ Commercial/Industrial Disposal ☐ Aquifer Storage and Recovery ☐ HVAC Return  
Remediation: ☐ Recovery ☐ Air Sparge ☐ Other (Describe)  
☒ Other (Describe) **PLUGGED** (Note: Not all types of wells are permitted by a given permitting authority)

Date Stamp

Received:

Jun 28, 2016 9:12 am

Official Use Only

10. \*Distance from Septic System if  $\leq 200$  ft. 11. Facility Description 12. Estimated Start Date **07/05/2016**  
13. \*Estimated Well Depth **30** ft. \*Estimated Casing Depth ft. \*Primary Casing Diameter **2** in. Open Hole: From To ft.  
14. Estimated Screen Interval: From To ft.  
15. \*Primary Casing Material: ☐ Black Steel ☐ Galvanized ☒ PVC ☐ Stainless Steel  
☐ Not Cased ☐ Other:  
16. Secondary Casing: ☐ Telescope Casing ☐ Liner ☐ Surface Casing Diameter in.  
17. Secondary Casing Material: ☐ Black Steel ☐ Galvanized ☐ PVC ☐ Stainless Steel ☐ Other  
18. \*Method of Construction, Repair, or Abandonment: ☐ Auger ☐ Cable Tool ☐ Jetted ☐ Rotary ☐ Sonic  
☐ Combination (Two or More Methods) ☐ Hand Driven (Well Point, Sand Point) ☐ Hydraulic Point (Direct Push)  
☐ Horizontal Drilling ☒ Plugged by Approved Method ☐ Other (Describe)  
19. Proposed Grouting Interval for the Primary, Secondary, and Additional Casing:  
From 0.0 To 30.0 Seal Material (☐ Bentonite ☒ Neat Cement ☐ Other)  
From To Seal Material (☐ Bentonite ☐ Neat Cement ☐ Other)  
From To Seal Material (☐ Bentonite ☐ Neat Cement ☐ Other)  
From To Seal Material (☐ Bentonite ☐ Neat Cement ☐ Other)

20. Indicate total number of existing wells on site **1** List number of existing unused wells on site **1**  
21. \*Is this well or any existing well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUP/WUP)  
or CUP/WUP Application? Yes ☒ No ☐ If yes, complete the following: CUP/WUP No. District Well ID No.  
22. Latitude **28 04 36.86** Longitude **81 36 24.23**

23. Data Obtained From: ☐ GPS ☒ Map ☐ Survey Datum: ☐ NAD 27 ☒ NAD 83 ☐ WGS 84

I hereby certify that I will comply with the applicable rules of Title 40, Florida Administration Code, and that a water  
use permit or artificial recharge permit, if needed, has been or will be obtained prior to commencement of well  
construction. I further certify that all information provided in this application is accurate and that I will obtain  
necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well  
completion report to the District within 30 days after completion of the construction, repair, modification, or  
abandonment authorized by this permit, or the permit expiration, whichever occurs first.

I certify that I am the owner of the property, that the information provided is accurate, and that I am aware of my  
responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well, or, I certify that I am  
the agent for the owner, that the information provided is accurate, and that I have informed the owner of his  
responsibilities as stated above. Owner consents to allowing personnel of this WMD or Delegated Authority access to  
the well site during the construction, repair, modification, or abandonment authorized by this permit.

Digitally Signed

\*Signature of Contractor

**2406**

\*License No.

Digitally Signed

\*Signature of Owner or Agent

**6/28/2016**

\*Date

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

Approval Granted By **Automatically Issued**

Issue Date **06/28/2016**

Expiration Date **09/26/2016**

Hydrologist Approval

Fee Received **\$ .00**

Receipt No.

Check No.

THIS PERMIT IS NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD OR DELEGATED AUTHORITY. THE  
PERMIT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL CONSTRUCTION, REPAIR, MODIFICATION, OR ABANDONMENT ACTIVITIES.

**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

Comments:

General Site Map of Proposed Well Location



Identify known roads and landmarks. Give distances from all reference points or structures, septic systems, sanitary hazards, and contamination sources, if applicable.

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**

**STIPULATION # 4 - PLUGGING**

A. The well shall be examined from land surface to the original depth of construction for debris or obstructions. Any debris or obstruction shall be removed from the well prior to the commencement of plugging operations.

B. The well shall be plugged from bottom to top by an approved method of grouting with either Portland neat cement grout or an approved Bentonite product as specified in 40D-3.517(2)(b) and described as follows:

1. A Bentonite grout shall consist of a high solid sodium montmorillonite. The grout shall yield solids ranging from 20 to 30 percent, with a minimum density equal to or greater than 9.4 pounds per gallon, and a permeability of approximately  $1 \times 10^{-7}$  centimeters per second or less.

2. Bentonite grout used for abandonment purposes is not restricted by well size but cannot be used to abandon a dry well and cannot be placed any higher in the well than the height of the static water level. Any unsealed remainder above the height of the static water level must be filled with neat cement. At a minimum, an upper ten feet of neat cement is required to prevent deterioration of or damage to the bentonite seal.

C. Any other method of abandonment shall be approved in advance by the Southwest Florida Water Management District (SWFWMD) Well Construction Section Manager or Well Construction Section Geologist, in the District's Tampa Office, at (813)985-7481 or 1-800-836-0797.

D. Well plugging operations shall be observed by a designated SWFWMD representative from the local Regulation Department. Arrangement for an observer shall be made a minimum of 24 hours in advance of these operations. A District representative will be available for assignment during normal working hours (8:00 AM - 4:30 PM), Monday through Friday. Travel time must be taken into consideration. Exemptions may be made for extenuating circumstances. For scheduling, please contact the Field Service Supervisor, in the Bartow Office at (863) 534-1448.

Permit No. 852617

**COPY TO OWNER TO BE PROVIDED BY CONTRACTOR**

**(11/03)**



## Well Construction Permit Application

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### Payment Receipt

Your permit application will now be submitted to the Southwest Florida Water Management District for review. You may check the status next time you login.

**You may not begin well construction until you receive your signed approved permit from the District.**

#### Southwest Florida Water Management District

Date/Time: 6/28/2016 9:12:31 AM

Clerk: Online Payment

Type: Well Construction

Well Address: BANNON ISLAND RD

Well City: HAINES CITY

Permit No.: 852617

Receipt No.: N/A

There was no charge associated with this application.

#### Charges

Sub Total:	\$0.00
Convenience Fee:	\$0.00
Total:	\$0.00

[Print Permit Application](#)[Print Receipt](#)