

Ford, Kim

From: Ford, Kim
Sent: Tuesday, August 26, 2003 1:02 PM
To: Pelz, Susan; Morris, John R.
Subject: conversation with Eric Eshom (SWFWMD) about Enterprise water well

On August 26, 2003 I spoke with Eric Eshom (SWFWMD SC#6284346, #352-7967211x4346) as follows:

Mr. Eshom explained that he has a request from Angelo's for Enterprise to convert/reclassify their on-site irrigation well to a potable water well. Mr. Eshom faxed the location and information and the well is near the scalehouse and will also provide water to an on-site trailer.

Mr. Eshom has asked for the parameters for him to include as part of his SWFWMD approval according to FAC Rule 62-532.400(7). He said the sampling would be required when waste reaches within 500 feet of the well and the County would be responsible for providing oversight and the review of related sampling results.

Kim

new potable well

~~WATER~~

Stipulation

— is sufficient

● oversight by county

● water parameter
with water
500

even if

only for today

~~STATE~~
AND WATER FROM
A SINK

~~IS NOT~~

IS TO

REQUESTED RECLASSIFY FROM

IRRIGATION TO "POTENTIAL WELL"

DEL JOHN
& SUSAN

WHERE IS THE DRAINAGE?

? IN A CELL?
DISPOSAL OF
SEPTIC
A CELL

NEED PLAINLY NOW TO CHANGE

THE PAGES AND

MODIFY CONDITIONS

without
A PERMIT
→ PROTECTION
— AND SPACE!

OPERATIONS PLAN

1.0 DESIGNATION OF RESPONSIBLE PERSON(S)

The current designated responsible person for the proposed Enterprise Recycling and Disposal Class III facility is the Site Owner, Mr. Jon Larkin. All correspondence and inquiries concerning the proposed Enterprise RDF Class III Landfill permits and operation should be addressed to him at:

Mr. Jon Larkin, Owner
Sid Larkin & Son, Inc.
P.O. Box 1747
Dade City, Florida 33526
(352) 713-2704

2.0 LANDFILL SITE IMPROVEMENTS

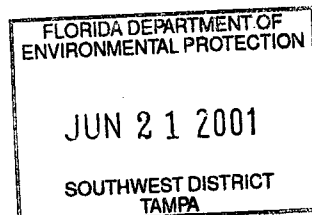
The 160 acre proposed landfill site is also proposed to be a sand mine facility. The following site improvements will be installed, to operate the proposed Class III Landfill.

2.1 Facilities

An office trailer (gate house) will be located onsite for the gate attendant. This trailer will have handwashing and toilet facilities. The trailer will be served via the on-site non-potable water supply well. Bottled water will be used for drinking water. Electric and telephone services will also be available to the trailer office. Proposed site entrance improvements also include an all-weather entrance roadway, scales and perimeter road as shown on the Site Plan, Figure 3-6 (C-1).

2.2 Primary Haul Route

The primary haul route to reach the proposed Enterprise Recycling and Disposal Facility (RDF) entrance is from Clinton Avenue east across C.R.35A to east on Enterprise Road to the entrance. A secondary haul route would be from C.R.35A to Enterprise Road east to the Enterprise facility.



is exempt from permitting, and has actually been built or is being built in accordance with that permit or exemption. The terms do not include parts of a facility which, although noted in a long-term design plan, were not authorized to be constructed within the five-year term of the facility's permit(s). A landfill with a slurry wall liner system is deemed to have been constructed when the slurry wall was constructed.

(7) There are several requirements in this chapter that stormwater be controlled in accordance with Part IV of Chapter 373 and the rules promulgated thereunder. Unless otherwise specifically provided, the referenced rules are Chapter 62-25, F.A.C., for facilities within the Northwest Florida Water Management District, and Chapter 62-330, F.A.C., for all other facilities.

Specific Authority 403.061, 403.704, FS.

Law Implemented 403.061, 403.702 - 403.717, FS.

History -- New 1-6-93, Amended 1-2-94, 5-19-94, Formerly 17-701.220, Amended 5-27-01.

62-701.300 Prohibitions.

(1) General prohibition.

(a) No person shall store, process, or dispose of solid waste except at a permitted solid waste management facility or a facility exempt from permitting under this chapter.

(b) No person shall store, process, or dispose of solid waste in a manner or location that causes air quality standards to be violated or water quality standards or criteria of receiving waters to be violated.

(2) Siting. Unless authorized by a Department permit or site certification in effect on May 27, 2001, or unless specifically authorized by another Department rule or a Department permit or site certification based upon site-specific geological, design, or operational features, no solid waste shall be stored or disposed of by being placed:

(a) In an area where geological formations or other subsurface features will not provide support for the solid waste;

(b) Within 500 feet of an existing or approved potable water well unless storage or disposal takes place at a facility for which a complete permit application was filed or which was originally permitted before the potable water well was in existence. This prohibition shall not apply to any renewal of an existing permit that does not involve lateral expansion, nor to any vertical expansion at a permitted facility;

(c) In a dewatered pit unless the pit is lined and permanent leachate containment and special design techniques are used to ensure the integrity of the liner;

(d) In an area subject to frequent and periodic flooding unless flood protection measures are in place;

(e) In any natural or artificial body of water including ground water;

(f) Within 200 feet of any natural or artificial body of water unless storage or disposal takes place at a facility for which a complete permit application was filed or which was originally permitted before the water body was in existence. For purposes of this paragraph, a "body of water" includes wetlands within the jurisdiction of the Department, but does not include impoundments or conveyances which are part of an on-site, permitted stormwater management system, or bodies of water contained completely within the property boundaries of the disposal site which do not discharge from the site to surface waters. A person may store or dispose of solid waste within the 200 foot setback area upon demonstration to the Department that permanent leachate control methods will result in compliance with water quality standards

SPECIFIC CONDITIONS:



5. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

- In the event that limestone is encountered during construction (excavation) of new disposal areas (cells), the excavation activities shall cease and the Department shall be notified. This notification shall include the location, elevation, and extent of limestone noted on a plan sheet, a description of the materials encountered, and a plan of action which ensures that groundwater will not be adversely affected by the construction and operation of the new disposal area (cell). Construction activities shall not resume in the affected area until the Department-approved plan of action has been completed.
- In the event that surface depressions which are indicative of sinkhole activity, or subsurface instability, are discovered onsite, or within 500 feet of the site, the Department shall be notified within 24 hours of discovery. Written notification shall be submitted within 7 days of discovery. The written notification shall include a description of the depression, the location and size of the depression shown on an appropriate plan sheet, and a corrective action plan which describes the actions necessary to prevent the unimpeded discharge of waste or leachate into ground or surface water.

6. **Piezometer Abandonment.** The piezometers located as shown on Figure 15, titled "Proposed Monitor Well Location Map" prepared by Hartman & Associates, Inc., received April 4, 2001 (attached), shall be abandoned, as follows:

<u>Well No.</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
P-3*	Surficial	Piezometer	See Figure 15
P-3A*	Surficial	Piezometer	↓
P-3B*	Floridan	Piezometer	↓
P-5*	Surficial/Floridan	Piezometer	↓
P-9*	Floridan	Piezometer	↓
P-13*	Surficial	Piezometer	↓

* To be abandoned within 30 days of permit issuance.

7. **Abandonment Documentation.** All piezometers listed in Specific Condition No. 6 shall be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the Southwest Florida Water Management District. The permittee shall submit written documentation to the Department to verify piezometer abandonment within 30 days of completion.

**SECTION 3
ENGINEERING REPORT**

3.1 GENERAL

The purpose of this Engineering Report is to describe the subject site and to propose a Class III landfill design to meet the requirements of FAC 62-701 and Pasco County's Land Development Code (LDC). Appendices to this report include: 3-A Operations Plan and 3-B Contingency Plan.

D.E.P.
JUN 21 2001
Southwest District Tampa

3.2 SITE LOCATION AND DESCRIPTION

The proposed facility will received approximately 1,500 cyds of Class III waste per day from Pasco County and other surrounding Counties (Hernando, Hillsborough and Polk). Based on the 1999 Florida Statistical Abstract, the estimated populations for these counties total 1,854,262 people. Assuming an annual growth rate of 1%, the five-year projection population would be 1,948,848.

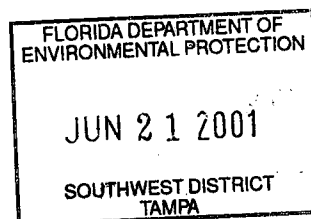
The subject site is located in Section 5 and 8, Township 25 South, Range 22 East, in Pasco County, Florida, as shown on the United States Geological Survey (USGS) quadrangle map presented in Figure 3-1. More specifically, it is located at the intersection of Enterprise Road and Auton Road southeast of Dade City, Florida. The site is currently used for orange groves and developed pastureland and occupies approximately 160 acres of land on the northside of Enterprise Road. The square property is approximately 2,640 feet on a side and is located in the southwest quarter of Section 5 and the northwest quarter of Section 8.


The are no airports within 5 miles of the site, see Figure 3-1.

3.2.1 Prohibition Compliance

In order to comply with Rule 62-701.300, FAC, the Facility will abide by the following:

- The Facility will not dispose of solid waste at the proposed site until proper permitting is obtained.

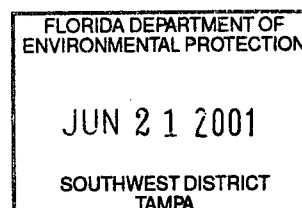


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- As shown in the site location map Figure 3-1, and the Geotechnical Report, Section 4, disposal of solid waste will not occur in areas that are: unable to provide support for the waste; geological formation or subsurface features would allow unimpeded discharge to surface water on groundwater; are within 500 feet of an existing potable water well; are within a dewatered pit; are in a frequently flooded area; are in a body of water; are within 200 feet of a surface water body that discharges offsite; are on a right of way; are within 1000 feet of an existing community potable water well; or are within 3000 ft. of Class 1 surface waters.
 - Open burning will not occur on the site unless the burning takes place in a permitted air curtain incinerator.
 - Hazardous wastes, PCB's, biohazardous wastes, special wastes, liquids, and oily wastes will not be disposed of at the Facility. Random load checks and the use of spotters at the working face will ensure that these wastes are not placed for disposal at the Facility.

3.3 SURROUNDING LAND USES AND ZONING

Figure 3-2 presents a recent aerial photograph map depicting the surrounding land uses and designated Pasco County zoning in the site vicinity. Agricultural land uses surround the site and a few scattered residences surround the site. All adjoining properties are zoned A-2. To the north is the closed East Pasco County Class I Sanitary Landfill and a residence. To the east is an old borrow pit and agricultural land. South of the site is agricultural land and orange groves, and to the west are orange groves which are also owned by Sid Larkin & Son, Inc.

Current site zoning designation, A-2 with a conditional use, is consistent with the Class III landfill use. Water supply wells within 1 mile of the site are provided in Appendix 5-E. The water supply well location survey is based on existing information and an infield survey. The 500-foot setback from the proposed landfill footprint to the private potable wells appears to be met, pursuant to FAC 62-701.300(2)(C).





An Equal Opportunity Employer

Southwest Florida Water Management District

Tampa Service Office
7801 Highway 303 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0787 (FL only)
SUNCOM 578-2070

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(883) 534-1448 or
1-800-492-7882 (FL only)
SUNCOM 572-6200

2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
SUNCOM 628-4150 TDD only 1-800-231-6103 (FL only)
On the Internet at: WaterMatters.org

Sarasota Service Office
6750 Fruitville Road
Sarasota, Florida 34240-9711
(941) 377-3722 or
1-800-320-3803 (FL only)
SUNCOM 531-6900

Lecanto Service Office
3900 West Sovereign Path
Suite 226
Lecanto, Florida 34461-8070
(352) 527-8131
SUNCOM 667-3271

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Vice Chair, Pinellas
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Secretary, Hillsborough
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- Ronald C. Johnson
Polk
- Heldi B. McGee
Hillsborough
- F. G. "Jerry" Rice
Pasco
- Janith C. Whitehead
Hernando

FAX FROM:

Technical Services Department

Phone: (352) 796-7211; SC 628-4150, Extensions 4341, 4346 or 4336

Fax: (352) 544-2328; SC 663-2328

Name: Eric Ashom

Extension: 4346

Date/Time: 8-26-03

No. of Pgs.: 6
(incl. cover pg.)

FAX TO:

Organization: x DEP / Tampa

Attention: x Kim Ford

Fax Number: x (813) 744-6125

CONFIRMATION REQUESTED: YES [] NO []

Comments:

Angelo's Aggregate

Public Supply Well (on site) (conversion)

setback concerns from cells



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

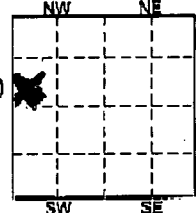
- Southwest
Northwest
St. Johns River
South Florida
Suwannee River

THIS FORM MUST BE FILLED OUT COMPLETELY. The water well contractor is responsible for completing this form and forwarding the permit to the appropriate delegated county where applicable.

CHECK BOX FOR APPROPRIATE DISTRICT. ADDRESS ON BACK OF PERMIT FORM.

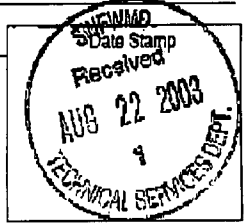
Permit No. 688944.01
Florida Unique I.D.
Permit Stipulations Required (See attached)
62-524 well
CUP/WUP Application No.

1. ANGEL'S AGGR. MAT'L 26400 SHERWOOD AVE WARDEN MS 48091
2. ENTERPRISE RECYL FACILITY, ENTERPRISE RD, DADE CITY
3. W.M.G. TOOMER 2171 352-544-1256
4. SW 1/4 of NW 1/4 of Section 8
5. Township 25 Range 2A
6. PASCO



7. Number of proposed wells 1 Check the use of well: (See back of permit for additional choices) Domestic Monitor (type)
Irrigation (type) Public Water Supply (type) LUPS
Distance from septic system ft. Description of facility Estimated start of construction date

8. Application for: New Construction Repair/Modify Abandonment
9. Estimated: Well Depth 300' Casing Depth 155' Screen Interval from to
Casing Material: Blk-Steel Gal/PVC Casing Diameter 5" Seal Material



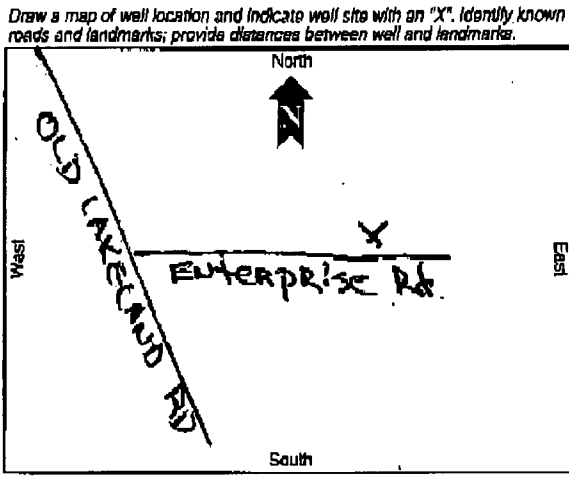
10. If applicable: Proposed Grouting Interval From 0 to 155 Seal Material NEAT CEMENT

11. Telescope Casing or Liner (check one) Diameter
Blk-Steel / Galvanized / PVC Other (specify):

12. Method of Construction: Rotary Cable Tool Combination
Auger Other (specify):

13. Indicate total No. of wells on site List number of unused wells on site

14. Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Consumptive Water Use Permit (CUP/WUP) or CUP/WUP Application? No Yes
District well I.D. No.
Latitude Longitude
Data obtained from GPS or map or survey (map datum NAD 27 NAD 83)



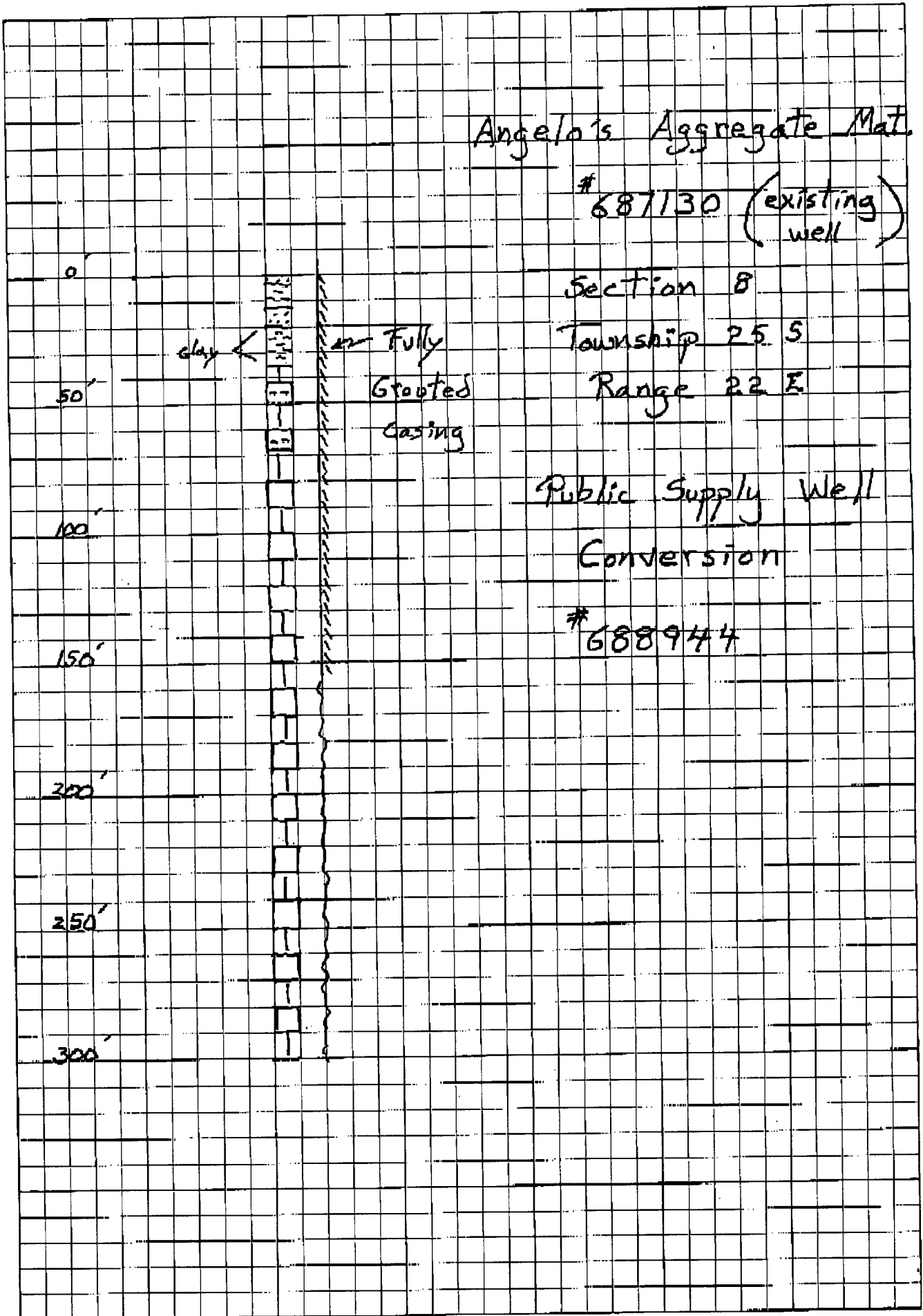
15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code, and that a water use permit or artificial recharge permit, if needed, has been or will be obtained prior to commencement of well construction. I further certify that all information provided on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

Signature of Contractor License No. 2171 Owner's Representative Signature Date 8/22/03

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

Approval Granted By: Issue Date: Hydrologist Approval
Owner Number: 323551 Fee Received: \$ 130.00 Receipt No.: 06268A Check No.: 3603

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD. IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS. This permit is valid for 90 days from date of issue.



(19) "Public water system" means a system for the provision to the public of water for human consumption through pipes or other constructed conveyances, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

(20) "Repair" means any action which involves the physical alteration or replacement of any part of a well, but does not include the alteration or replacement of any portion of a well which is above ground surface.

(21) "Telescoping Casing" means an interior casing extending below and sealed within an exterior casing.

(22) "Water Well" or "Well" means any excavation that is drilled, cored, bored, washed, driven, dug, jetted, or otherwise constructed when the intended use of such excavation is for the location, acquisition, development, or artificial recharge of ground water, but such term does not include any well for the purpose of obtaining or prospecting for oil, natural gas, minerals, or products of mining or quarrying; for inserting media to dispose of oil brines or to repressure oil-bearing or natural gas-bearing formation; for storing petroleum, natural gas, or other products; or for temporary dewatering of subsurface formations for mining, quarrying, or construction purposes.

(23) "Water Well Contractor" means an individual who is responsible for the construction, repair, or abandonment of a water well and who is licensed under Chapter 62-531, F.A.C., to engage in the business of construction, repair, or abandonment of wells.

(24) "Well Seal" means an approved arrangement or device to prevent contaminants from entering the well at the upper terminal.

Specific Authority 373.309 FS, Law Implemented 373.303, 381.0062, 403.852 FS. History—New 8-17-74, Amended 7-16-81, Formerly 17-21.02, 17-21.020, Amended 7-30-89, 3-11-92, Formerly 17-532.200, Amended 3-28-02.

62-532.400 Permit for Water Well Construction or Repair.

(1) After the effective date upon which a district implements a permit system pursuant to Chapter 373, Part III, F.S., a permit shall be required before beginning construction or repair of any water well within such area. The permit shall be obtained from the permitting authority by making written application on appropriate forms. The application shall be made and submitted to the permitting authority by the owner or by the water well contractor on behalf of the owner and shall contain: the well location, description, use, and such other pertinent information as the permitting authority shall require. Any required fee shall be submitted with the permit applications.

(2) Permit issuance shall require that:

(a) The application is in the proper form and contains the required information; provided that the proposed construction or repair will not violate applicable laws, rules, or orders of the permitting authority.

(b) Additional information shall be required by the permitting authority if needed to assess site specific conditions. Such information includes, but shall not be limited to: geophysical logs, geologic samples and logs, and well pumping tests.

(3) Receipt of the permit shall constitute permission to begin well construction or repair.

(4) The permit shall be available for inspection at the site of the well during construction or repair of the well.

(5) Any permittee who desires to change the location of a well before construction or repair is completed shall apply to the permitting authority for an amendment of his permit. Where a permit fee was required to obtain the original permit no charge shall be made to amend the permit. As a condition to approving an amended permit, the permitting authority shall require the sealing or plugging of the uncompleted well.

(6) Each permit shall be valid for a period of one year. In the event construction or repair is not completed within that time, the permitting authority shall extend the time limit upon written request by the permittee or require the applicant to obtain a new permit before continuing construction or repair of a water well.

→ (7) Water wells shall be placed to comply with the setback distances in Table 1. A drinking water supply well installed by an installation used to serve that installation's operation is exempt from meeting the 500-foot setback distance from on-site slow rate and rapid rate land application, overland flow systems, domestic wastewater residuals land application, phosphogypsum stack systems, and solid waste disposal facilities if reasonable assurance is provided by the installation owner that the ground water and drinking water source are protected. Reasonable assurance shall be demonstrated if:

(a) The planned withdrawal from the drinking water supply well will not cause the discharge from the operation to be captured by the well, or

(b) The drinking water supply well is withdrawing from a confined aquifer, or

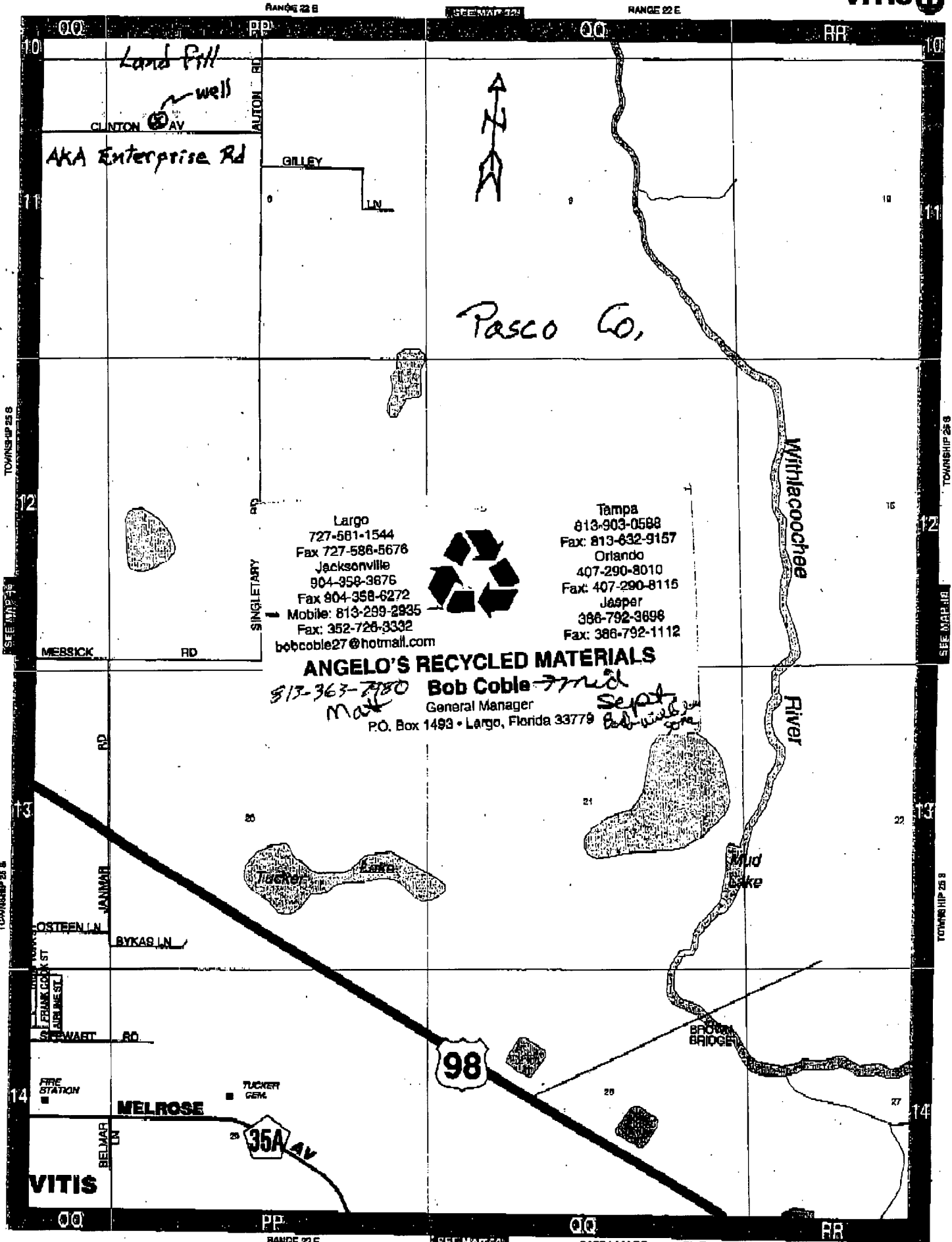
(c) Additional monitoring of the ground water and the drinking water is provided to ensure that contaminants are not reaching the drinking water supply well and a commitment is made to treat the drinking water supply if a contaminant is detected or to provide an alternate drinking water supply.

The 100-foot and 75-foot setback distances from sanitary hazards as provided in Table I shall apply.

Specific Authority 373.309 FS, Law Implemented 373.306, 373.308, 373.309, 373.316, 403.862 FS. History—New 8-17-74, Amended 9-10-78, Formerly 17-21.04, 17-21.040, Amended 7-30-89, 3-11-92, Formerly 17-532.400, Amended 3-28-02.

62-532.410 Water Well Completion Report.

Within 30 days after completion of the construction or repair of any water well, a written report shall be filed on the appropriate forms.



Pasco Co.



Largo
727-581-1544
Fax 727-588-5678
Jacksonville
904-958-3876
Fax 904-358-6272
Mobile: 813-299-2935
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bobcoble27@hotmail.com

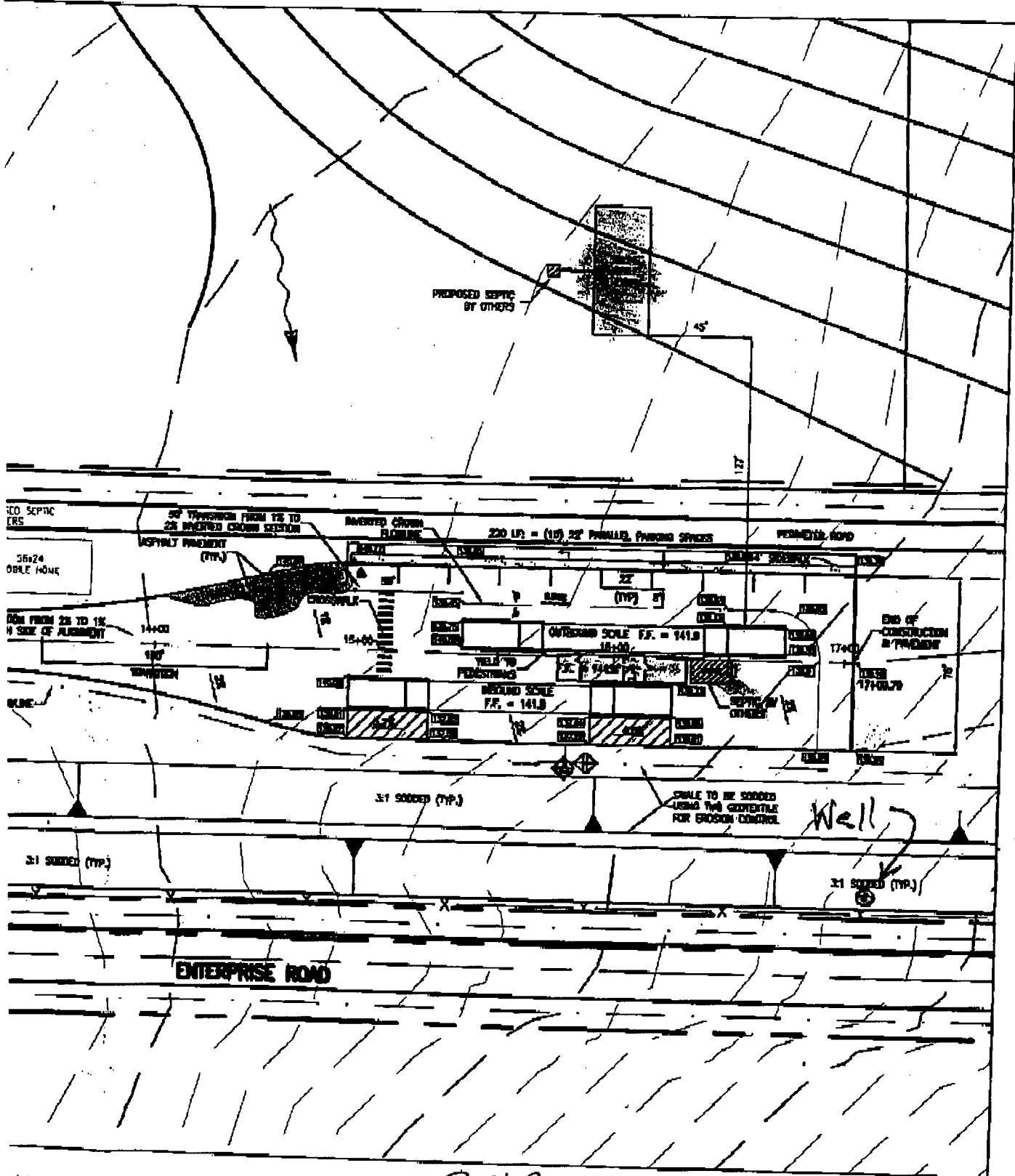
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407-290-8010
Fax: 407-290-8115
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Fax: 386-792-1112

ANGELO'S RECYCLED MATERIALS

813-363-7180 **Bob Coble** *Mid*
General Manager *Sept*
P.O. Box 1493 • Largo, Florida 33779 *Bob Coble*



51-SF-12500



SCALEHOUSE (1" = 60') Cell 9