



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

SITE INSPECTION REPORT

OWNER/OPERATOR: Mr. Terry Hurst (Sumter County Solid Waste Facility)
MAILING ADDRESS: P.O. Box 1066
Bushnell, Fl. 33513

NAME OF SITE: Sumter County Solid Waste Management Facility
SITE ADDRESS: 1 mile east of I-75, south of CR 470
CITY: Bushnell, Fl. 33513

PERMIT NO: SC60-263199

INSPECTION DATES: July 23, 1996;
August 16, 1996

REASON FOR VISIT:

- COMPLIANCE INSPECTION _____
- PERMITTING INSPECTION X
- COMPLAINT INVESTIGATION _____

PERSONS PRESENT:

July 23, 1996: Susan Pelz, Robert Butera, Danielle Nichols (FDEP), Garry Breeden, Terry Hurst (Sumter County); David Springstead (Springstead Engineering); Mitch Kessler, Allison (?) (TIA)

August 16, 1996: Susan Pelz (FDEP); Terry Hurst (Sumter County); John Springstead (Springstead Engineering)

SUMMARY REPORT:

July 23, 1996 inspection:

The purpose of this inspection was to certify the construction completeness of the facility as required by Specific Condition #5 of the above referenced permit.

All persons listed above were present throughout the inspection. Temporary roadways were constructed to the facility, and sitework was incomplete, but was progressing on the day of our visit. We toured the facility from the receiving area through the final discharge conveyor. The receiving area is separated onto two areas, one for commercial haulers and one for "mom & pop" waste drop-off. After received, the waste is pushed into a pit conveyor which takes it into the processing building. The waste passes through several stages of processing, including the removal of bags, large debris, recyclables and residue. The final material is conveyed to another portion of the building where a digester is expected to be installed in the future. The "start-up" operations and training were discussed in detail.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Leachate is collected in the processing building by several collection inlets which discharge into a lift station in the southernmost portion of the facility. The lift station discharges to a pipe which discharges outside the building to the east. Leachate will be pumped from the lift station into a leachate tank truck and will be hauled to the existing on-site leachate surface impoundment or compost pads. After construction of the digester(s), the leachate may be discharged into the digesters to enhance the composting process.

A few areas of concern were discussed with the County during our inspection.

1. "Flaps" leading from the discharge chutes to the storage bins below the processing line were not yet installed.
2. The facility was observed to have no fixed fire suppression system. Several fire extinguishers were located throughout the facility, but it was not clear whether or not the facility would require a fire sprinkler system.
3. The leachate discharge line (from the lift station) was installed to exit the east side of the building. However, discussion with the County and consultant's indicated that this line would be moved to facilitate future use of leachate in the digester.
4. The roads leading to the facility were not completed, and it appeared that significant quantities of sand could enter the facility and potentially clog the leachate collection system.
5. The financial assurance mechanism had not been established.

We requested that the County provide the following information to complete the certification:

1. As-built drawing of the leachate discharge line.
2. Documentation from the local fire authority concerning the adequacy of the facility's fire suppression system/methods.
3. Notification of completion of the roadways and installation of the "flaps".

The Department received this information on August 8, 1996, and scheduled a site visit on August 16, 1996 to verify completion of the project.

August 16, 1996 inspection:

The purpose of this inspection was to verify completion of the items discussed above, and provide the Department's position on the County's request to operate the facility.

All information requested appeared to be complete. The leachate discharge from the lift station had been modified to be above-ground, adjacent to a pushwall for the future digester instead of discharging outside of the building to the east. The east-west pipe was still in place, but the County indicated that the new discharge line was connected by an elbow to the new position, and the existing pipe was disconnected entirely from the lift station.

We briefly discussed to "start-up" operations and training at the facility.

1. I indicated that the Department does not object to minimal activity/operations at the facility (e.g. 10 tons/day) in order to begin "fine tuning" the equipment and begin training the employees. However, I stressed that the Department does NOT approve of full-scale operations until the financial assurance mechanism is adequately established (which has apparently not been completed). I suggested that Mr. Breeden should contact Ms. Erika Frederick (904-488-0300) the following week to work out the funding mechanism. Apparently Ms. Frederick has attempted several times to contact Mr. Breeden concerning this matter, but has received no response.

2. I also informed the County that the construction permit (Specific Condition #3.a.) requires that a minor modification of that permit is required to operate the facility (i.e. construction permit is modified to become operation permit). The County needs to send in a request for modification, with the appropriate documentation for a small county reduced fee (reduced fee is \$0) and the Department will modify the appropriate conditions in the permit to allow the operation of the facility.

DEFICIENCIES NOTED: none

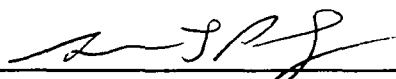
RECOMMENDATIONS:

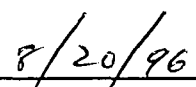
The owner/operator should perform the following activities:

1. Submit request for permit modification for operations.
2. Establish financial assurance mechanism with appropriate funding.

Please be reminded that the Department will not approve the full-scale operations at the facility until the financial assurance mechanism is established and appropriately funded. The Department will be sending a letter shortly which approves the Certification of Construction Completion for the facility.

FDEP REPRESENTATIVE:


Susan J. Pelz, P.E. Solid Waste Section


Date Mailed to Facility

cc: Garry Breeden, 222 E. McCollum Ave, Bushnell, Fl. 33513
David Springstead, P.E., Springstead Engineering, 727 S. 14th Street, Leesburg, Fl. 34748
Mitch Kessler, TIA Consultants, 10012 N. Dale Mabry #223; Tampa, Fl. 33618
Francine Joyal, FDEP Tallahassee
Erika Frederick, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa