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Chamber, FL

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# BOARD OF COUNTY COMMISSIONERS

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## BAQM

DEPARTMENT OF SOLID WASTE MANAGEMENT  
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August 14, 1987

Hamilton S. Oven, Jr., P.E.  
State of Florida  
Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32301-8241

Re: Pinellas North County Refuse-to-Energy Facility  
Background Monitoring

Dear Mr. Oven:

Pinellas County is now in the initial planning stages for a new municipal refuse fueled power plant to be constructed at the location shown in Figure 1.

It is our understanding that, pursuant to Chapter 17-2, F.A.C., at least one year of background data for ambient air quality must be obtained prior to commencement of construction. To meet this requirement, it is proposed that the existing NAMS monitoring site operated by the County's Department of Environmental Management at Brooker Creek, site I.D. No. 10-4380-002G03, be employed as the primary background monitor (See Figure 1). Currently, continuous monitoring of wind speed/direction, ozone and sulfur dioxide occurs at this site. If the Department concurs with the use of this monitoring site, the County will install additional equipment at that location to collect data on nitrogen oxides, carbon monoxide and total particulates (PM and lead).

Additional data, to supplement that obtained at Brooker Creek, is currently collected by Florida Power Corporation at the Anclote and Higgins Power Plants (See Figure 1).

North County Refuse-to-Energy Facility  
Background Monitoring  
Page Two  
August 14, 1987

If you require any additional information or if you feel a meeting with the Department would be beneficial, please do not hesitate to call.

Sincerely,



Robert Van Deman, P.E., Director  
Solid Waste Management

RVD:rvt  
att.  
0991V

cc: Clair Fancy, BAQM ✓

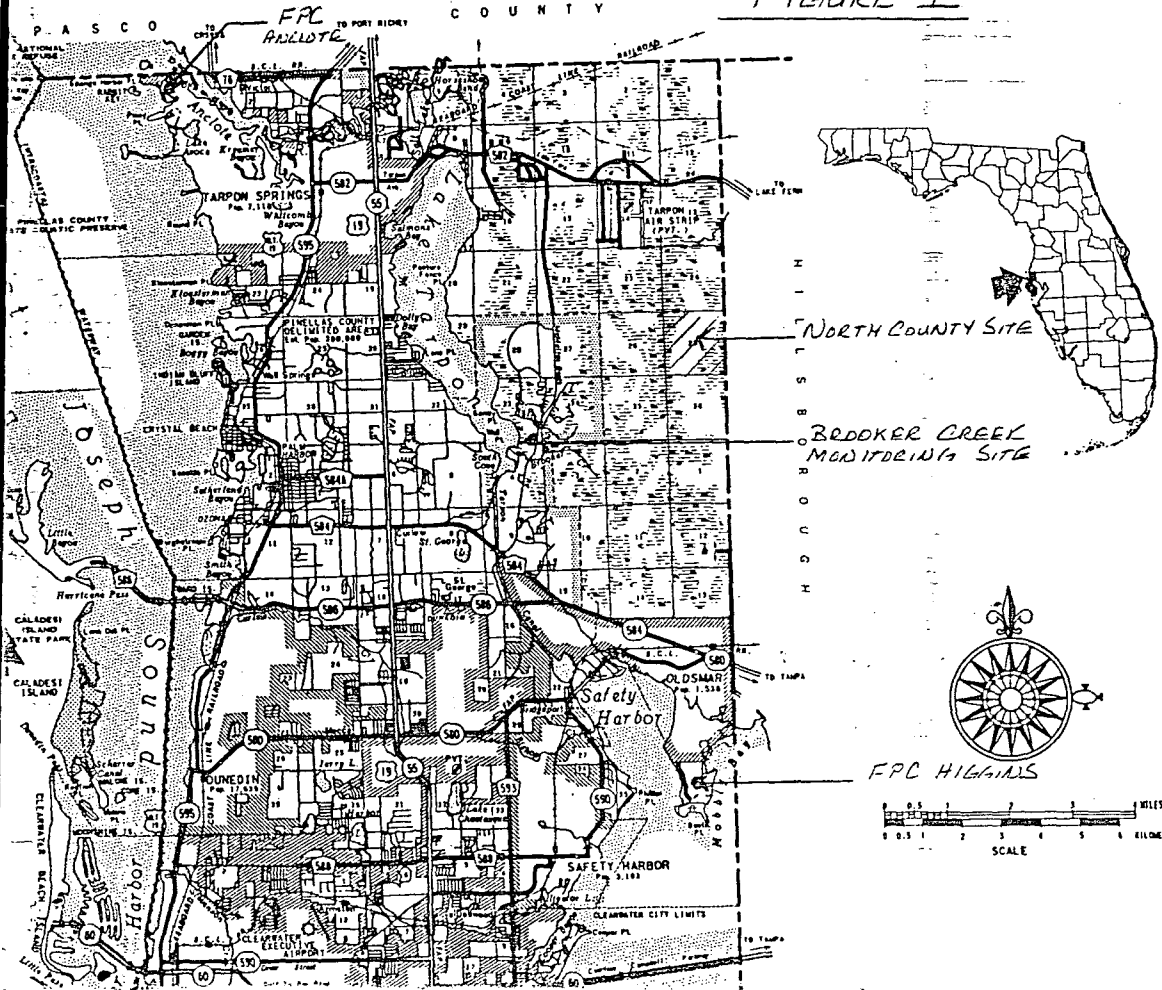
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Barry Andrews  
Pradeep Rawal

} 8/25/87 (mg)

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FIGURE 1



## Pinellas County

Pinellas County is located on the Gulf of Mexico in Central Florida as can be seen from the accompanying Florida outline map. The county received its name from the Spanish phrase "punta pinal" which means point of pine. The county is the only one in Florida which, like the state itself, is a peninsula. Its only link by land with the rest of the state is through Pasco of Hillsborough Counties. Clearwater is the county seat and St. Petersburg is the principal city. The beaches and attractions in Pinellas County provide a year round lure for visitors. Known for many years as a retirement and tourist area, Pinellas now has light industry and is becoming the home of increasing numbers of young residents.

Although the county is the second smallest in area of all Florida counties, it is the most heavily populated and estimates give the ratio of better than 1,800 persons per square mile. The major crop in the county is citrus and principal types of manufacturing are food products, electrical instruments, and machinery.

### Caladesi Island State Park

Caladesi Island State Park, an island wonderland with a name that translates from Spanish as "beautiful bayou." The park is located in the Gulf of Mexico off Dunedin. With St. Joseph Sound on one side and the Gulf on the other, this park is strictly an island and the idea is to keep it that way. No highways, no big parking lots, no automobile traffic, just a beautiful natural island the way it has been for centuries. The Park's greatest asset is the island's three-mile long beach on the Gulf. On the mainland side, Caladesi has a heavy mangrove growth. Between the beach and the mangroves, the land rises to a sandy ridge some