

# MOUNT PLEASANT WATERWORKS AND SEWER COMMISSION

Commissioners of Public Works  
William L. Golightly, Jr., Ph.D., Chairman  
Charles H. Hindman  
Harmon I. Shade

955 Waterworks Blvd.  
P.O. Box 330  
Mount Pleasant, SC 29465-0330

Manager  
H. Clay Duffie

Area Code 803  
Phone: 884-9626

May 1, 1989

Mr. Alfred H. Vang  
South Carolina State Water Resources Commission  
3830 Forest Drive  
Post Office Box 4440  
Columbia, South Carolina 29240

RE: Capacity Use Designation

Dear Mr. Vang:

As had been requested before, Mount Pleasant Waterworks and Sewer Commission feels that it is vitally important to the future water management goals of this area to provide for a capacity use permitting designation for the East Cooper area and possibility the Trident County area. As you know this area is bracketed by two capacity use areas, the Beaufort-Hilton Head area to the south and the Grand Strand region to the north. It would make a lot of sense to designate the entire coastal region as a capacity use management area in view of the potential salt water intrusion of wells in this locale. Furthermore, as development moves toward the coastal region of South Carolina, more and more demands are going to be made on the potable aquifer. We feel that it would be in the best interest of the State of South Carolina to proceed in prudent water management of our ground water resources and hope that you would be interested in proceeding with the necessary steps to implement capacity use in this area.

In an effort to accelerate the steps required to achieve this goal, Mount Pleasant Waterworks and Sewer Commission would be willing to co-fund an update to the SCWRC Report No. 139, The Groundwater Resources of Charleston, Berkeley, and Dorchester Counties, South Carolina, 1985, provided sufficient interest is received from the other entities

Page 2  
Mr. Alfred H. Vang  
May 1, 1989

receiving the benefit of a capacity use designation. If this proposal meets with your approval, we stand ready to assist you in any manner. Should I be of further assistance, please do not hesitate to contact me.

Yours very truly,

MOUNT PLEASANT WATERWORKS  
AND SEWER COMMISSION

*Clay Duffie*  
Clay Duffie  
Manager

CD:siml983S

cc: Mr. Camille Ransom, SCWRC  
Mr. Drennan Park, SCWRC  
Bulls Bay Rural Water District  
Isle of Palms Water Company  
Wild Dunes  
Town of Sullivan's Island  
Berkeley County Water and Sewer Authority  
Charleston County Legislative Delegation

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Commissioners of Public Works  
Charles H. Hindman, Chairman  
William L. Golightly, Jr., PhD.  
Harmon I. Shade

955 Waterworks Blvd.  
P. O. Box 336  
Mount Pleasant, S. C. 29464-0336

Manager  
Ronald E. Bycroft

Area Code 803  
Phone: 884-9626

## MEMORANDUM:

TO: Commissioners  
FROM: Manager *REB.*  
DATE: July 15, 1988  
RE: Capacity Use Area Designation (C.U.A.)

Following the Commission's instruction to investigate the South Carolina Water Resource Commission's C.U.A. Designation for our service area, I have spoken with Ms. Mary Sowell, Assistant State Attorney for SCWRC and Drennan Park of SCWRC in Beaufort. The following information was obtained:

- A. The C.U.A. Designation appears to be a means of more strict, state level permitting for ground water use, and would allow WRC more control over ground water use by competing interests.
- B. The C.U.A. Designation would likely have the effect of prohibiting any new wells which would possibly interfere with any existing wells (ours as well as Bulls Bay's).
- C. A request for C.U.A. Designation must come from a governmental agency. It would be best for this Commission to request this with the Town and perhaps the Counties of Charleston and Berkeley since our ground water comes through their areas first.
- D. The request should be directed to Mr. Eric Ficken, Chairman of the WRC, 1201 Main Street, Columbia, SC 29201. The Commission meets once each month and would likely take two to three months to reach a decision. An affirmative recommendation would be made to the State Legislature for formal action, if they approve our request.
- E. Before requesting the C.U.A. Designation, it is suggested that we meet with WRC Staff to discuss the request and find out what backup data needs to be submitted with the request.

From my discussions with WRC Staff, I have the impression that a C.U.A. request would be well received and regarded as a very responsible move on the part of this Commission.

It is also recommended that this Commission be present when the WRC reviews our request in its meeting.

REB:db

cc: Greg Tate, P.E.

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955 Waterworks Blvd.  
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Mount Pleasant, S. C. 29464-0336

Manager  
Ronald E. Bycroft

Area Code 803  
Phone: 884-9626

August 15, 1988

Mr. Eric Ficken, Chairman  
State of South Carolina  
Water Resources Commission  
1201 Main Street  
Columbia, South Carolina 29201

Dear Mr. Ficken:

The Mount Pleasant Waterworks and Sewer Commission is requesting the South Carolina Water Resources Commission to initiate action authorized under Section 49-5-40(C) of the South Carolina Code of Laws 1976, as amended, that would lead to a capacity use area designation of the East Cooper area of Charleston County.

The Mount Pleasant Waterworks and Sewer Commission is currently finalizing long-range plans to provide water service to the entire (mainland) East Cooper area of Charleston County solely from groundwater sources.

Plans for this system, which will utilize reverse osmosis treatment, have been based on a detailed and comprehensive examination of the available groundwater resources. The South Carolina Water Resources Commission staff has been of invaluable assistance in evaluating and documenting the availability of groundwater supplies adequate to meet the long-term projected demand for the East Cooper area, and our Commission is satisfied that these groundwater sources can reliably meet the area's needs.

Our Commission is mindful that the availability of adequate quantities of groundwater to serve our resident population could at some future time be jeopardized by other sources withdrawing significant quantities of water from the aquifer. Fortunately, State law provides a mechanism, in the capacity use area designation under Section 49-5-40, to protect areas, such as the East Cooper area, which are developing and utilizing groundwater to the degree that coordination and regulation of groundwater supplies becomes desirable and necessary.

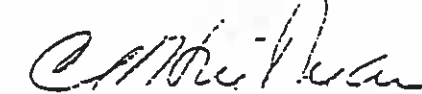
Page 2  
Chairman, SCWRC  
August 15, 1988

Our Commission's staff and consultants will be available at the Water Resources Commission's request to provide whatever assistance we can to facilitate further review and consideration of this request. If we can be of further assistance, please do not hesitate to call upon us.

Thanking you for your consideration of this matter which is vital to the future of the East Cooper area, and with best regards, I remain

Very truly yours,

MOUNT PLEASANT WATERWORKS  
AND SEWER COMMISSION



Charles H. Hindman, Chairman

CHH:db

cc: Mr. Alfred H. Vang  
Mr. A. Drennan Park

Enclosures:

- Technical Memorandum No. 1
- Technical Memorandum No. 2
- Mr. A. Drennan Park's letter of 12/17/87

-MAPS:

1. East Cooper area (e.g. highway map)
2. Well sites
3. Regional Map showing:
  - Lake Moultrie
  - Santee River
  - Charleston, Berkeley Counties, west to Summerville
  - National Forest