

(DRAFT 2-28-02)

Hillsborough County Wellhead and Resource Protection Study
Technical Advisory Committee (TAC)-Meeting 8 Minutes
Surface and Ground Water Protection for Hillsborough County
February 21, 2002
9:00 AM

Conference Room, 20th Floor
Hillsborough County Center
601 East Kennedy Blvd.
Tampa, FL 33602

Meeting Objectives

- Review of TAC Purpose Statement;
- Overview and Discussion of the Project Status; Overview of HCBOCC workshop presentation PowerPoint
- Review and Achieve Consensus on Groundwater RPA's;
- Discussion of Draft Ordinance
- Status and Review of Draft Strategies of SW/GW Protection;
- Development of agenda for TAC meeting number 9

Agenda

Purpose Statement Review

The purpose statement was reviewed and the TAC recommended no changes.

Where We've Come, What's Remaining

Hubbell reviewed a timeline that recapped what had been accomplished at the preceding seven meetings. He then discussed the remaining issues to be accomplished including the resolution of the wellhead resource protection areas and the determination of the surface water resource protection areas.

Also, an overview of the County Comprehensive Plan Amendment process was discussed and the importance of this proposed ordinance dovetailing with this process. The issue of establishment of the ordinance prior to water supply projects coming online was an important priority in the establishment of the schedule.

Review of HCBOCC February 13, 2002 Workshop Presentation and Community Workshop Discussion

Lienhart reviewed the presentation that was given to the BOCC their February 13, 2002 workshop. He then listed the follow-up items that were requested by the BOCC. They included: workshops in the areas that will be impacted by the ordinance, concerns

regarding protection within karst or sinkhole areas, ensuring that there is an accurate inventory of wells.

Groundwater Resource Protection Area Review and Approval

The groundwater modeling was again reviewed with the TAC. This includes a review of the most recent groundwater subcommittee meeting and the resulting maps depicting RPA's. TBW representatives expressed their concerns regarding approval or consensus on modeling until a critique of the modeling assumptions and input data could be reviewed. **URS will develop a modeling overview report and present it to a meeting of interested TAC members. The meeting will be held at URS on March 14, 2002 at 1:30 PM.**

Options for Surface Water Resource Protection Areas

Hubbell reviewed several surface water resource protection scenarios for the TAC. These included fixed setback distance from a watercourse, a flood frequency elevation and more sophisticated pollution transport modeling. Two sample river reaches were delineated using the 10, 50 and 100-year floodplains, in areas that were either deeply incised or were wide, broad floodplains. Generally, when buffered by a $\frac{1}{4}$ by $\frac{1}{4}$ land section, there was little to no difference in area that would be covered by the protection areas.

Several issues that came out of the discussion included:

An estimate of area within a SWRPA that is located in incorporated areas should be determined.

Seepage slopes were mentioned as a concern.

Isolated flooding areas were also discussed as areas that should be looked at.

Filling to construct in the floodplain was discussed as a mitigation method that shouldn't get you out of the restrictions of a SWRPA.

Is the threat to water quality a flood event or long term seepage issues?

Should there be an economic analysis done on the proposed RPA's?

Is the TBC a groundwater or surface water protection area?

A lengthy discussion was held on the difference from a both technical and administrative perspective on the use of different flood frequency elevations. The type and size of buffers were also considered. The TAC decided that instead of scheduling a surface water subcommittee meeting, an extra meeting of the TAC was warranted. **It was decided to hold the next meeting on its original date of March 21 and schedule an additional meeting, which is tentatively scheduled for April 25, 2002.**

In order to make the next meeting productive with regard to surface water, the TAC requested the following information:

- 1. Definition of the 20-year groundwater travel distances for each public supply well**
- 2. Development of a documentation package that documents the modeling that Ritter has already completed for the 10-year time of travel.**
- 3. A Sub-TAC meeting to review and critique Ritter's completed modeling.**
- 4. Mapping of the groundwater protection zones using the 20-year groundwater travel distances with the quarter-quarter section buffer.**
- 5. Mapping of the surface water protection zones using the 100-year floodplain with a buffer (could be quarter-quarter section or other dimension). This should also look at the area in and out of unincorporated Hillsborough County.**
- 6. Tabulation of acreage for each of the zoning classes within the 100-year floodplain with the buffer.**
- 7. Tabulation of acreage for each of the of existing land uses within the 100-year floodplain only.**
- 8. Tabulation of acreage for each of the of existing land uses within the 100-year floodplain with the buffer.**
- 9. Tabulation of the acreage for each of the anticipated future land uses within the 100-year floodplain.**
- 10. Mapping and tabulation of wetland FLUCCS acreage within the 100-year floodplain.**
- 11. Sending of the 100-year floodplain polygons and the 100-year floodplain with buffer polygons to Steve Gran so that he can overlay them on his "current agricultural uses" GIS layer and determine potentially impacted acreages by commodity groups.**

Review of Draft Ordinance

An updated draft ordinance was circulated and reviewed. This draft was similar in content as earlier drafts but was in a format that more closely matched Hillsborough County's system administratively.

Several comments and concerns that were discussed included:

The cost of closures.

Vesting issues with GW or SW RPA's.

Boundary issues whether an entire property should be considered in when only part of the property is within a designated RPA.

The TAC requested the ordinance and procedures manual electronically. Written comments from the TAC are due to Lisa Kramer by March 14, 2002.

Development of Agenda for Meeting Number 9

Meeting 9 will focus on the any final refinements to the groundwater portion of the resource protection areas and determination on an approach for the surface water protection areas.

Public Comment

There was no public comment.