

VIRGINIA: AT THE CONTINUATION MEETING OF THE DINWIDDIE COUNTY BOARD OF SUPERVISORS HELD IN THE MULTI-PURPOSE ROOM OF THE EASTSIDE ENHANCEMENT CENTER IN DINWIDDIE COUNTY, VIRGINIA, ON THE 19th DAY OF FEBRUARY, 2003, AT 5:30 P.M.

PRESENT:	ROBERT L. BOWMAN IV - CHAIR	ELECTION DISTRICT #3
	DONALD L. HARAWAY - VICE CHAIR	ELECTION DISTRICT #2
	HARRISON A. MOODY	ELECTION DISTRICT #1
	EDWARD A. BRACEY, JR.,	ELECTION DISTRICT #4
	AUBREY S. CLAY	ELECTION DISTRICT #5

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Mr. Robert Bowman, IV, Chairman, called the continuation meeting to order at 6:30 P.M.

IN RE: TECHNICAL PRESENTATIONS BY CONSULTANTS
TIDEWATER QUARRIES INC.

Mrs. Wendy Ralph, County Administrator, gave the order of conduct for the workshop. She stated that each consultant from Tidewater would present their topics as shown on the agendas provided in the rear of the room. She stated that after hearing the presentations, the Planning Commission would present any questions or comments to the consultants followed by questions and comments from the Board of Supervisors. Once their questions have been answered, the public will have an opportunity to ask questions. She asked that each citizen come forward and state their name and address for the record. In addition, Mrs. Ralph stated that this format would be followed for each topic.

She added that in order to facilitate this process and to insure that all questions are answered, forms will be provided at the rear to write down any questions. She asked that the forms be left so they can be distributed to the consultants and to the county consultant. Ms. Ralph stated that there was some change to the agenda. The changes are that presentation 2b will now become 2f and the remaining presentations will move up on the agenda.

At this time, Ms. Ralph turned the meeting over to Brennen Keene.

Mr. Keene, an attorney on behalf of Tidewater Quarries, Inc. addressed the Board and Commission, presenting each speaker before their presentations. The presentations were as follows:

- A. **Hydro-Geological** – Presentation by Stephanie Powell, President of Chesapeake Environmental Management, Inc. Ms. Powell has a B.S. and earned her M.S. in Geology from Kent State University and has performed Doctoral work at the University of Virginia Environmental Sciences Department. She has 17 years of experience in the field and works in both the public and private sector. She has worked for the Environmental Protection Agency and private organizations like Tidewater on Mining and Industrial operations.

Ms. Powell spoke concerning the impact the quarry would have on the wells and water table in the area and what impact it would have in conjunction with the Vulcan Quarry on Rt. 226. She concluded that there were homes in the area that have very shallow wells – 25 feet or less – and there could be an impact to those wells from the mining. She stated that the solution to that problem would be to drill modern, deep, bedrock wells in this area. In reference to the combined impact of Vulcan and Tidewater on the surrounding wells, she concluded that the draw down of the two mines was singular and there was no cumulative impact from the two mines. She further concluded that the mines would not have a significant impact on groundwater services to

wells in the area provided that the shallow wells are replaced with the more modern deep wells. She fielded questions from the Planning Commission, Board of Supervisors, and the following citizens in reference to her presentation:

1. Geri Barefoot – 7411 Frontage Road, Petersburg, VA 23803
2. Wendell Lifsey – 4321 Sunset Drive, Petersburg, VA 23803
3. Robert Belcher – 27516 Flank Road, Petersburg, VA 23803
4. Diane Parker – 10700 Chalkley Road, Richmond, VA 23237
5. Dale Marks – 23830 Frontage Court, Petersburg, VA 23803
6. F. P. Clay, Sr. – 18603 White Oak Road, Sutherland, VA 23885

- B. Noise Assessment – Presentation by Mike Spinano, of Spinano Engineering. Mr. Spinano has a B. S. in Aeronautical Engineering from New York University. He has done graduate course work in acoustics and aerodynamics at New York University. He has done graduate courses in acoustics at the University of Pennsylvania. Mr. Spinano has 30 years of experience in noise and vibration engineering projects. He is extensively published and Board Certified in Noise Control Engineering.

Mr. Spinano reviewed the report he presented with the conditional use permit application for Tidewater Quarries, Inc. He discussed three key sound level descriptors in the course of his discussion. He discussed decibels in terms of maximum sound levels, average sound levels, and equivalent sound levels. He added that the purpose of his analysis was to determine whether the sound levels emanating from the quarry operation would be acceptable.

Mr. Spinano referenced the County Noise Ordinance, which limited noise but does not quantify what is considered unreasonable or unnecessary noise. He stated that he used a standard acceptable limit. Existing noise levels were measured at a Duncan Road location, a Dabney Mill Road location and a Frontage Road location.

Mr. Spinano concluded after much discussion that the noise levels emanating from the quarry would be acceptable noise levels. He fielded questions from the Planning Commissioners and Board of Supervisors and the following citizens in reference to his presentation:

1. Geri Barefoot – 7411 Frontage Road, Petersburg
2. Tom Morgan - 9004 Duncan Road, Petersburg
3. Elizabeth Samsky – 20110 Shippings Road, DeWitt
4. Mark J. Huber – 6027 Bonneau Road, Richmond
5. Dianne Parker – 10700 Chalkley Road, Richmond
6. Robert Belcher - 27516 Flank Road, Petersburg
7. Barbara M. Wilson – 8804 Duncan Road, Petersburg
8. Charles Roberson - 7101 Frontage Road, Petersburg
9. Forrest Clay – 18603 White Oak Road, Sutherland
10. Kerry Giannotti – 19613 Trench Drive, Sutherland

Mr. Bowman asked Mr. Keene to introduce the next speaker.

- C. Wetlands and Endangered Species – Presented by Thaddeus Loucks of the Timmons Group. Mr. Loucks has a B.S. in Biology from Juniata College and a M. S. in Environmental Science from Long Island University. He has eight years experience in wetland delineation and is a certified professional wetland scientist. He stated that wetland delineation has been done on the property and has been approved by the Corp of Engineers. He also stated that he researched the database provided by the Department of Games and Inland Fisheries and the preliminary findings are that there are no endangered species

on the property. Mr. Loucks stated that there were two tributaries along eastern and western boundaries of the property, Hatchers Run and Rocky Branch. He said any wetland impacted by the project would be mitigated on or off site according to DEQ requirements. Mr. Loucks fielded questions from the Planning Commissioners and Board of Supervisors and the following citizen in reference to his presentation:

1. Geri Barefoot – 7411 Frontage Road, Petersburg, Va

Mr. Keene introduced the next speaker.

D. Master Plan – Presented by Andrew Gould of Timmons Group. Mr. Gould has a B.S. in Civil Engineering from Notre Dame University and a M. S. in Civil Engineering from Virginia Polytechnic Institute and has 9 years experience in environmental services with a particular experience in wetlands, water quality and site design. Mr. Gould stated that in developing the master plan for the site, he first identified the constraints of the site and then determined how the facilities required would best fit into the constraints. He said the property lines were set into the property one hundred feet to provide a buffer to surrounding properties. He said they also looked at the wetland information as a constraint. In addition, the noise berms were shown as constraints. He said before arranging the facilities on the site he considered historical resources. The historical resource that was of special concern was an artillery placement at the southern end of the site. He said because of it an additional buffer has been added and the noise berms have been moved. He also looked at the treatment of the storm water from the property. He said DMME has regulations for the control of storm water for mining sites. DEQ also requires this project to obtain a Virginia Pollution Discharge Elimination Systems Permit. Mr. Gould fielded questions from the Planning Commissioners and Board of Supervisors and the following citizens in reference to his presentation:

1. Geri Barefoot – 7411 Frontage Road, Petersburg, Va
2. Diane Parker – 10700 Chalkley Road, Richmond, Va
3. Robert Belcher – 27516 Flank Road, Petersburg, VA
4. Shelley W. Shipp – 7801 Squirrel Level Road, Petersburg, Va
5. George Whitman – 13010 Old Stage Road, Petersburg, VA

E. Lighting Guidelines - Presented by David Hartman, P.E., of Whitescarver, Hurd & Obenchain. Mr. Hartman has a B.S. in Electrical Engineering from VPI and 10 years experience in electrical engineering, including lighting design. He stated that they expected to apply a typical quarry lighting design to this site. He said that they contacted the County and discovered that they did not have specific lighting guideline ordinances to follow. He said they would be using a maximum 30-foot pole with a maximum ½ foot-candle of light at the property lines. He also said a flat lens with a 400 watt lamp would be used. He concluded that the quarry would be well lit. Mr. Hartman fielded questions from the Planning Commissioners and Board of Supervisors and the following citizen in reference to his presentation:

1. Mrs. Geri Barefoot – 7411 Frontage Road, Petersburg

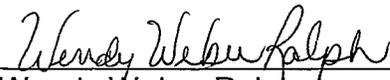
The public was reminded that anyone who wanted to submit questions in writing could do so by filling out one of the forms at the back of the room.

IN RE: ADJOURNMENT

Upon Motion of Mr. Bracey, Seconded by Mr. Clay, Mr. Moody, Mr. Clay, Mr. Haraway, Mr. Bowman, Mr. Bracey, voting "Aye", the meeting adjourned at 11:14 P.M. to be continued until 5:30 P.M. on Tuesday, February 26, 2003 for Technical presentations by the consultants for Tidewater Quarries, Inc. to be held in Auditorium at the Dinwiddie County Elementary School.



Robert Bowman, IV, Chairman



Wendy Weber Ralph
County Administrator

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