

ENVIRONMENTAL QUALITY ADVISORY BOARD
Meeting Minutes
November 07, 2019

1. Meeting was called to order at 6:05 PM

2. Roll call; recognition of visitors

Present: Darcie Holcomb, Gray Dean, Sophia Knusen, Sandy Sexton-Staff Representative, Wende Doolittle, Robert Kennedy, Atilio Anzellotti, Joel Hewitt

Absent: Kelley Smith, Kayla Wyatt, Rebecca Bowman

Visitors: Ellen Smith, Mark Watson, Jack Suggs, John Hewitt, Kathy Olson, Royce Sayer, Melanie Mayes, Ben Pounds

3. Approval of agenda and previous meetings' minutes (October) Motion to approve the minutes made by Wende Doolittle, Atilio Anzellotti seconded

A motion was made and passed to move the new business- 69-kV power line @ Horizon Center to the top of the agenda in deference to those in attendance who came specifically to hear the Jack Sugg's presentation.

4. Old business

- Update in re: Redress letter for Y-12 clearing of Pine Ridge for power line (R.Kennedy for R. Bowman) Robert integrated the judge's decision and a natural resources assessment into the letter.

- Status of the citywide tree-preservation policy letter: (R. Kennedy for G. Dean) Send out as current version. Dan Robbins suggested that an ordinance be adopted requiring replacement metrics –requiring for example cutting 1 dbh at six inches requires 6 trees as replacement along with one year of maintenance.

Arboretum—native plant propagation—seedling bank—there is willingness in managing this if the city builds one and funding is acquired.

- Update/status re: DOE's proposed new nuclear waste dump within city limits ("EMDF" or as we like to call it, "Soggy Bottom" – R. Kennedy). Moved the deadline for the ROD to December 19th.

Issue has blown up in an unexpected direction. 2 appropriations in senate bill has several statements about our landfill. No money could be spent on detailed design until ROD approving it. Money going to the state of TN will be reduced which is what they use for oversight of 3-way agreement governing the cleanup process. Current expectation was to get 4 million, zero out money.

Interior and Environment bill language threatening EPA—to justify why Region 4 is trying to write new standards under Super Fund. EPA can set its own standards regarding radionuclides rather than using NRC standards. No cancer risk greater than 10E-04. EPA claims that the NRC standards are not strong enough.

- Update/status re Energy-Efficient Codes Coalition (EECC) (R. Kennedy) People have been registered to vote. The vote should be coming up later this month.

5. New business

- 69-kV power line cutting thru BORCE to @ Horizon Center

Seeking stakeholder input. Jack Suggs gave a presentation entitled Horizon Center Overview. This has been an issue since 2004. Looking at the questions need to be raised. The economic aspects of our development is based on power. Ec. Dev. Prospects 15mgw of power needed for each group at the Horizon Center. We can't currently provide this. We need to develop a proposal to address the power issues. We need to be environmentally sensitive when developing the site. Diversify our site from a DOE based economy.

Looking for an easement to resolve the lack of power issue. 325 acres of land in the hand of the IDB which needs power which is currently not available. Need 5 to 50 MW each. Development area 5, 6, and 7 need more power. When park originally built there was no substation to service it. Power came from K-25. Oak Ridge Substation 50MW today. TVA Substation is also there. Original K-25 feed is 10.71MW. The section of line that goes underground is 4.78MW.

Currently under contract 3.25 MW. What can we expect to feed? Total 10.25. A couple ways to get more power re-build 13kV line power to front of Park \$650,000. When property was purchased, the city reserved an easement. To get power around to the back of the park, build a major power line following the patrol rd. jump onto IDB property and cross small piece of land to back of property. \$1.8 to 2 million total. Enough power to serve one large customer and a couple of small customers.

To build the line to the back we need: we have an existing easement and the TVA water crossing easements. On the back side, requires easement from the DOE, the other piece of property requires easement from IDB.

BORCE, no easement into the BORCE, power line next to patrol road. 25 ft. easement on either side of the power line. Only remove dead/diseased trees that would threaten power line. IDB area-only cut trees if necessary. 50 ft. swath cut through natural area to get to rear of park.

Paid Canon and Canon to develop a large number of alternatives for the site. Also consulted with TVA and the State to determine the needs for economic development. For areas 6 and 7 a preliminary design has been completed. This design has been staked so DOE could look at the layout to make sure the project wasn't encroaching on sensitive areas etc. one pole was noted to be too close to a small cave. The pole has since been moved.

Questions:

Robert Kennedy: maximum amount of light to the question: where power line will be and what it will impact. Our board's function is to get all information and layout facts. We don't want line to impact/encroach on the BORCE.

Environmental Study Report – on the easement was completed in 2014 and based on that, nothing will impact BORCE.

Comment: Why spend this amount of money when the park is basically empty.

Economic Dev. Standpoint—inquiry concerning data center complex—huge energy need.
Possible to put data center at Bull Run or K-25 rather than in the Park.

Parcel 6 was clear-cut and now it is only bush hogged and the parcel has still not sold. Area 4 no longer on the table—CROET gifted environmentally sensitive area.

A lot needs a minimum of 5MW and most want at least 15MW.

Use of herbicides in the power line easement: how to ensure that nearby plants aren't impacted.

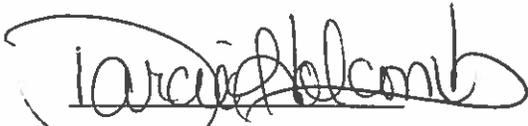
Patrol Road is currently used as a Greenway—bicyclists and walkers. How many people use this Greenway? Would not be pleasant in the summer when the area is cleared. DOE made a legal commitment to protect the entire green area due to ecological sensitivity.

What is the impact to the quality of life?

Intern John Scheb gave an oral report regarding the map that he produced depicting an Invasive Vegetation Inventory in the Oak Ridge Barrens State Natural Area. The map shows the Invasive Vegetation Concentration Relative to Native Flora. He will make recommendations based on what he found in his study. Final report will be available around December 10th. Most prevalent of the invasive species. Privet, hollies, Some are native in this habitat. Exotic plants can also have wildlife value. Nepal grass supports box turtles. Need to highlight educational opportunities related to the barrens.

6. Adjourn: 8:17 PM

Approved on 12/5/2019

A handwritten signature in black ink, appearing to read "Darcie Holcomb", written over a horizontal line.

Darcie Holcomb, Secretary