

Environmental Sub-Committee of the WCAC

Agenda for Meeting

Friday, January 06, 2017 at 1:00pm

Town Hall, 159 Pantigo Rd, East Hampton, NY 11937

Attendees: Frank Dalene Rick Del Mastro Virginia Edwards
Susan Macy Simon Kinsella Kim Shaw
Sara Davision Kathee Burke-Gonzalez

Excused Absences: Carolyn Logan-Gluck Bruce Solomon

Approval of Minutes

Approval of the minutes from the prior ESC meeting on November 18, 2016.

Advanced Septic Treatment (Sara Davision) –

East End Informational Session on December 9, 2016

Airborne Hexavalent (Rick Del Mastro)

Up-date as to the nature and danger posed by airborne *hexavalent chromium* and whether there is a method to assess and/or quantify the risk posed by airborne hexavalent chromium contamination nearby the Pit.

Request for the Protection of the Wainscott Hydrologic System (Si Kinsella)

Discussion on the draft Request for the Protection of the Wainscott Hydrologic System before it's tabled at the full WCAC meeting on January 7, 2016. In the interests of expediency, the draft request was not only emailed to ESC members, but also emailed to WCAC members so that they may have more than one night to read the request.

DEC Shinnecock Bay/Atlantic Ocean Watershed Assessment (Si Kinsella)

Waterbody Inventory & Priority List - Assessment Report, June 20, 2016 (attached):

- Georgica Pond (1701-0145) **Impaired**
- Wainscott Pond/Fairfield Pond (1701-0144) **Impaired**

ESC Water Testing Program (Si Kinsella) –

A Program for Wainscott home owners, especially those living around or down-stream from the Pit, to co-ordinate having their drinking water tested for hexavalent chromium. The more people who request to have their drinking water tested, the lower the cost would be per household. If successful, the program could be extended to test for other drinking water contaminants which form part of the EPA's Unregulated Contaminant Monitoring Rule (UCMR) program.

Suffolk County Health Department (Si Kinsella & Kim Shaw)

Discussion on water quality with the Suffolk County Health Department.

New Public Wells –

On Stephen Hand's Path being considered which require clearing five acres and installing a chain-link fencing. As the number of usable Montauk well fields declines, the number of East Hampton well fields will increase.

Immediate Contaminant Concerns –

- a) Hexavalent Chromium (Si Kinsella)
- b) Diethylene Dioxane (Susan Macy)

Contaminants of Interest – *contaminated waters predominate near agricultural lands –*

- *Simazine* – an herbicide manufactured by Novartis, which the electric company uses to defoliate its utility substations. It has not been banned, though the EPA suspects it's a human carcinogen.
- *Aldicarb (Temik)* – a Union Carbide insecticide used on potato crops. It was voluntarily withdrawn from Long Island in 1979. Temik was banned in 1990, but approved for reintroduction in some western states five years later. It is a nerve toxin, said to be 10 times more poisonous than cyanide. It was found as well in private East Hampton wells on Long Lane and in the Georgica Association in 1999 and also in private wells on Town Line Road and Beach Lane in Wainscott.
- *Carbofuran* – used on potato and corn fields until it was banned in 1982. Found in monitoring wells on Buell Lane, East Hampton in 1999.
- *Dinoseb* – manufactured by Dow Elanco and used on potatoes, strawberries, and corn until it was banned in 1986. Found in monitoring wells on Buell Lane, East Hampton in 1999. The EPA banned dinoseb (a pre-emergent herbicide), because of its potential to cause birth defects. Long-term exposure can affect the thyroid, testes, and intestines.
- *Dichloropropane* – a soil fumigant used on potato farms from the 1950s through the 1980s, was found on Town Lane and Hollow Road in Wainscott in 1999.
- *Atrazine* – an herbicide found nearby Montauk Highway in Amagansett in 1999.
- *Alachlor*
- *Aldicarb Sulfoxide & Aldicarb Sulfone*
- *bis 2-ethylhexylphthalate (DEHP)*
- *Chlordane*
- *Tetrachloroterephthalic Acid (dacthal metabolite TCPA)*
- *Kehtylene Dibromide (EDB)*
- *1,2,3-Tricholopropane*
- *Dichloropropane*

East Hampton Town Up-date (Kathee Burke-Gonzalez & Kim Shaw)

Update/overview of new environmental developments that have come to the attention of East Hampton Town since the ESC's last meeting.

Other Business

There's been significant concern recently about the habitat of fauna living around Wainscott Pond, especially to the north of Wainscott Pond where a chapel has become an essential meeting place and host for extraordinary habitation rituals of great anthropologic interest involving the species Homo sapiens. This matter is of great importance and requires the full attention of the ESC.

Close of Meeting

Recommended Reading

Ground Water and Surface Water: A Single Resource

U.S. Geological Survey Circular 1139

By Thomas C. Winter, Judson W. Harvey, O. Lehn Franke, William M. Alley

An online copy can be downloaded for free (in PDF format) from the following link –

<https://pubs.usgs.gov/circ/circ1139/pdf/circ1139.pdf>

An atlas of Long Island's Water Resources: by Cohen, Philip, Franke, O.L.,; Foxworthy, B.L

An online copy can be downloaded for free (in PDF format) from the following link –

https://archive.org/stream/usgswaterresourcesnewyork-nywrc_bull_62/nywrc_bull_62#page/n0/mode/2up