## HEALTH, SOCIAL, EDUCATIONAL & ENVIRONMENTAL COMMITTEE MEETING Held in Room 318

### Putnam County Office Building Carmel, New York 10512

(Chairman Oliverio, Legislators Othmer & Tamagna)

Wednesday September 12, 2012 6:30 P.M.

The meeting was called to order at 6:30 P.M. by Chairman Oliverio. Legislator Othmer lead in the Pledge of Allegiance. Upon roll call Legislators Othmer and Tamagna and Chairman Oliverio were present.

### #3) Approval of Minutes – August 14, 2012

The Minutes were approved as submitted.

### #4) Fracking Waste Presentation/Paula Clair

Legislator Tamagna made a motion to accept all the additional. Seconded by Legislator Othmer. All in favor.

Chairman Oliverio called upon Ms. Paula Clair to give a presentation on Fracking.

High Volume Hydraulic Fracturing is as follows:

(HVHF) is a relatively new technology used for gas extraction from shale formations. To extract gas from shale, a vertical well is drilled several thousand feet deep and then turned horizontally for another several thousand feet through the layer of shale. The well is then cased and perforated; and two to eight million gallons of fresh water mixed with hundreds of chemicals and sand are forced into the well bores to crack open the shale. The fissures created by this fracturing (or Fracking) are held open by the sand particles so that bubbles of natural gas can be released up the drill shaft. Generally 10% - 40% of this highly toxic mixture is returned to the surface with the gas and additional contaminants including volatile organic compounds (VOCs) heavy metals (e.g., arsenic, lead, chromium, and mercury), brine (as much as 8 times saltier than sea water) and radioactive elements including radon and radium.

Shale gas extraction produces two types of wastewater. Floback water is the chemically treated Fracking fluid that returns to the surface shortly after a Fracking operation. Produced water, also known as formation water or brine, is the fluid that comes out of the target drilling formation along with the gas. It has high levels of chlorides and bromides and contains toxic heavy metals. Produced water from the Marcellus Shale could potentially contain high levels of radium -226, radium -228 and other radioactive materials

One approach the gas industry has taken to dispose of Fracking wastewater is to send it to wastewater treatment plants. Disposal of Fracking wastewater at treatment plants is highly

problematic: in 2011 the Fracking wastewater produced in Pennsylvania – enough to cover Manhattan in three inches – was sent to treatment plants not equipped to treat such waste.

The New York State Department of Environmental Conservation (DEC) currently permits the use of "produced water" or Brine from low-volume Fracking operations for road spreading as a de-icer or for dust control if the road spreader obtains a Beneficial Use Determination (BUD). DEC's draft environmental impact statement on (HVHF) calls for a temporary prohibition on spreading brine from the Marcellus Shale on roads pending further study of its radioactive ingredients. Fracking waste from low-volume wells has been recently spread on the roads in at least two NYS municipalities: Pittsfield NY (Oswego County) and Columbus, NY (Chenango County)

It has been stated that Fracking Brine spread on roads can run off into school playgrounds, residential properties, or ditches leading into streams, and can ultimately leach into underground aquifers.

What Ms. Clair is urging is for the Putnam County Legislature to take swift action to ban the acceptance of Fracking wastewater at treatment plants within the County, and to ban the spreading of Fracking Brine on County roads to protect the health, environment and safety of Putnam residents.

Ms. Clair stated that Governor Cuomo has stated that he is planning to allow Fracking in five financially distressed Counties near the Pennsylvania boarder. Those Counties are not near us, but once the door is open for Fracking in New York State, we could be at risk. In order for the Gas companies to make the maximum profit, they need to build a lot of wells and put in infrastructures such as pipelines etc. to get the gas to market.

Chairman Oliverio stated for the record, two years ago, this County passed a "No Fracking Bill", stating that we in Putnam County did not support Fracking. To be clear, we are now speaking about the waste products of that at this time, which is a different topic.

Legislator Tamagna stated that he would like Ms. Clair, or another representative to return to the Committee in November, to give a more in depth/ detailed presentation, as there are some questions that need to be addressed. For example, some of the issues are: "what is the impact on air quality," "what the contaminants are," and" what the particulate in the air."

Chairman Oliverio stated that the issue regarding Fracking will be on the November Agenda for the Health Committee. At that time, if all the information is provided, this item will then be passed on to the Full Legislature.

### **#5)** Putnam Felines/Discussion

Jean Siegel, President of the Putnam Felines Board of Trustees was present to discuss the problem with the overpopulation of feral cats, as well as the rabid cat that was discovered in the Mahopac area.

After the recent discovery in Mahopac of a stray cat infected with rabies, Commissioner of Health/Dr. Allen Beals reached out to the Putnam Felines organization. Recognizing the imminent health risks of rabies in feral cats, and the alarming rate at which this disease could spread, Dr. Beals urged Putnam Felines to develop a task force to trap the cats in the Mahopac colony. As you can imagine this is huge task as well as a costly one. There is funding needed to help carry on with this task, as they want desperately to help all the abandoned/feral cats they can, but neutering and inoculating costs money. At this time they have stretched their volunteers' time and their donations to the absolute limit. Any help from the County, if possible, would be greatly appreciated.

Chairman Oliverio stated he would request a line in the 2013 Budget for Putnam Felines, in the amount of \$2,500.00.

Legislator Tamagna requested that a Memo be sent to the County Executive to ask that the line be put into the 2013 Budget.

Chairman Oliverio stated he will send the request to the County Executive.

### #6) Correspondence/Health Department/Putnam County Humane Society/FYI

Legislator Tamagna made a motion to table this item until the November 2012 Committee Meeting. Seconded by Legislator Othmer. All in favor.

# #7) Approval/Appointment/Putnam County Mental Health Community Services Board/Joseph DeMarzo

Legislator Tamagna made a motion to Approve/Appointment/Putnam County Mental Health Community Services Board/Joseph DeMarzo. Seconded by Legislator Othmer. All in favor.

#### #8) Other Business

## a) Approval/Budgetary Amendment (12A079) Health/Household Hazardous Waste Day

Chairman Oliverio called upon Rob Morris, Director of Environmental Health, to address the Committee.

Legislator Tamagna asked Mr. Morris to inform the Committee about Hazardous Waste Days, and how many a year there are, and where they are held.

Mr. Morris stated it is going to be at the County Health Department. This is the second this year. The first one was done in the spring at Fahnestock Park.

Legislator Tamagna requested that Mr. Morris send to the Committee the information on the last Hazardous Waste Day and how many people attended.

Mr. Morris stated he would.

Legislator Tamagna made a motion to Approve/Budgetary Amendment (12A079)/Health/Houshold Hazardous Waste Day. Seconded by Legislator Othmer. All in favor.

## b) Approval/Fund Transfer (12T211) DSS/Fund the 38% Local Share/Proposed (STSJP) Plan

Chairman Oliverio stated this item will be moved to the Audit and Administration Committee Meeting, along with a request that Commissioner Piazza be present.

Legislator Tamagna made a motion to pass Approval/Fund Transfer (12T211) DSS/Fund the 38% Local Share/Proposed (STSJP) Plan in concept to the Audit & Administration Committee. Seconded by Legislator Othmer. All in favor.

Legislator Tamagna stated that September is Prostate awareness month, and there is a website called September Beard, that has already raised one hundred and three dollars thousand dollars for the region. He would just like to bring awareness to everyone to be sure to get your testing done.

### **#9)** Adjournment

Being no further business to discuss, Chairman Oliverio made a motion to adjourn the meeting. Seconded by Legislator Othmer. All in favor.

The meeting was adjourned at 7:45pm.

Respectfully submitted: Claire E. Muller Administrative Assistant