

**CITY OF DERBY
WATER POLLUTION CONTROL AUTHORITY
MARCH 17 2010
Special Meeting
MINUTES
5:30 p.m.**

Meeting called to order 5:00 p.m.

Pledge of Allegiance all rose and pledged allegiance

Roll Call

Present: Leo DiSorbo - Chair, Carolyn Duhaime (arrive 5:44 p.m.),
Richard Bartholomew, and John Saccu.

Also Present: Lindsay King WPCA Superintendent, Mr. Tony DiSimone, Dan
Lawrence and Christopher Westor of Weston & Sampson.

Absent: Richard Stankye

Additions, Deletions Corrections to Agenda

Mr. DiSorbo will add a Superintendent report after Nitrogen Credit. **A MOTION** to approve the agenda by Mr. Bartholomew, second by Mr. Saccu, all in favor, **motion carried.**

Public Portion

No one from the public spoke. Public Portion closed.

Approval of minutes - February 17, 2010 Regular Meeting

Approval of minutes - March 9, 2010 Special Meeting

A MOTION to approve by Mr. Saccu, second by Mr. Bartholomew, all in favor, **motion carried.**

Approval of expenditures - February 12, 2010 - March 12, 2010

A MOTION to approve by Mr. Bartholomew with a second by Mr. Saccu, all in favor, **motion carried.**

Nitrogen Credit

There is a permit for discharging nitrogen into the river in pounds per day. The state manages this program with DEP. There is a limit of 70 lbs per day. It is going down each year until 2014 which will be the final limit of 50 lbs per day. If WPCA is below that number, WPCA sells the credits and makes money, if WPCA is above the limit, WPCA buys credits. The amount has gone down steadily. We are looking at \$22,000.00 this year from the state.

Superintendent Report

Division Street pump station was down again. There was high flow at the plant. Mr. King had to turn on the storm water pumping station to get the effluent out.

Derby Water Treatment Plant Evaluation as presented by Anthony DiSimone and Christopher Westor of Weston & Sampson.

The goal is an overview of the facility planning **(20 year plan)** and allow WPCA to set a course. It will establish boundaries of the areas serviced by the municipal sewage system. It will show areas where sewers are to be avoided.

This is an important aspect, to make sure the system is conforming to the state's plan of conservation and development. If you do something that is in conflict, it can eliminate you from state funding.

It is a definitive planning tool. It is important legally, it is non arbitrary, it allows you to make a decision if a developer comes in that wants to develop a piece of property that has not been identified, it allows you to deny or approve it, it is defensible.

This plan should be coordinated with planning and zoning, wetlands and open space so that there are no loopholes.

Needs Analysis will be approximately \$40,000.00 - \$80,000.00.

Build Out Analysis will be approximately \$40,000.00 - \$80,000.00.

Treatment Plant will be approximately \$100,000.00 - \$140,000.00.

Collection System will be approximately \$80,000.00 - \$110,000.00.

Total approximate cost is \$260,000.00 - \$400,000.00.

The process will be to determine the path, and then go get the funding for that path.

Mr. Wester said to get yourself funded for these things you need to show a need and there is a priority list. Mr. DiSimone stated WPCA facilities plan is on the priority list.

Mr. DiSimone addressed:

What's Been Done:

BNR Upgrades - 2000 This includes MLE process (capacity reduction), aerated grit improvements, sludge collectors (2nd Clarifiers) and mechanical/electrical upgrades)

What's Left To Do:

Preliminary Treatment Facilities
Primary Clarifier Facilities
Aeration Tanks
Secondary Clarifiers
Solids Handling Facilities
Odor Control
Effluent Disinfection
Dechlorination
UV Disinfection
Energy Management
Electrical Systems
Process Analysis/Control
Instrumentation Systems

The plant was originally designed to handle 3 million gallons per day. When there is a rain storm everything coming down the pipe is clean water, you are still putting out the same volume of sewage, but what you're putting out there is not concentrated on a normal day, it is much more diluted than on a normal day.

The issue of 3 mgd versus 1.5 mgd is based on the fact that when the plant was designed, it was designed to treat one piece of the sewage (BOD). When the state said you have to get rid of nitrogen, all of a sudden you need more tanks to do it, etc. You can only remove 1 1/2 mgd's of that nitrogen, that is why the capacity went down.

There is a target date of April 14th for a budget meeting for 5:30 p.m.

Adjournment

A MOTION to adjourn at 6:38 p.m. by Ms. Duhaime, second by Mr. Bartholomew, all in favor, **motion carried.**

Respectfully Submitted,

*Denise Cesaroni
Recording Secretary*

*****These minutes are subject to the approval of the Water Pollution Control Authority at its next regularly scheduled meeting.*