

**CITY OF DERBY
WATER POLLUTION CONTROL AUTHORITY
NOVEMBER 12 2009
MINUTES**

Meeting called to order 7:00 p.m.

Pledge of Allegiance all rose and pledged allegiance

Roll Call

Present: Mr. Bartholomew, Mr. DiSorbo, Ms. Duhaime, and Mr. Saccu.

Absent: Mr. Stankye.

Also Present: Lindsay King WPCA Superintendent and Mr. Christopher Westor of Weston & Sampson.

Additions, Deletions Corrections to Agenda

A MOTION to approve the Agenda by Ms. Duhaime, second by Mr. Saccu, all in favor, **motion carried.**

Public Portion

No one from the public spoke. Public Portion closed.

Elect the W.P.C.A. Chair

Ms. Duhaime nominates Mr. Leo DiSorbo as Chair. He has done a wonderful job in the past and his experience is invaluable, second by Mr. Bartholomew, all in favor. **Motion carries.**

Adopt Robert's Rules of Order

A MOTION to adopt the Robert's Rules of Order by Ms. Duhaime, second by Mr. Saccu, all in favor, **motion carries.**

Adopt Meeting Calendar

A MOTION to adopt the meeting calendar starting December 2009 through January 2011 on the third Wednesday of each month in the Aldermen Chambers at 7:00 p.m. by Mr. Bartholomew, second by Mr. Saccu, all in favor, **motion carries.**

Mr. King update for new Board. There are nine employees at the plant. There is 40 miles of pipe going through the City most of it old clay tile pipe.

At this time they react to emergencies. They need to be more proactive and go after sections of pipe and rehabilitate them.

Orange is tying into our sewer system. There is pipe in that part of town that will be rehabbed (Bellevue Drive, Grandview and Chestnut). That is 3,000 feet.

There are five pump stations in the City with equipment from the 60's and 70's. A couple of them have failed multiple times. One station is ready for bid (Division Street) we just have to find the funding. Mr.

DiSorbo suggested going out to referendum at some point as each one of these stations are over 300,000 to 400,000 a piece. Ms. Duhaime said this is an authority and not everyone in the City uses it. Ms. Duhaime suggests going over this with Keith.

Mr. Saccu asked about the sewer separation project from 20 years ago and if it has ever been completed. Mr. King said they just worked in the street. If it was a catch basin connected, it was disconnected. Anything on private property wasn't touched. An inflow/infiltration study was done in the Smith Street and Hawthorne Avenue area. A comprehensive study for the rest of the City has not been done. Letters are being sent to everyone in town asking them to disconnect.

There are capacity issues coming down Rte 34. The intent was to remove as much clear water coming in the system than the Orange project would actually cause and the developer paid for that impact study. This latest bid should remove more than what they actually will put in.

Mr. DiSorbo will have Denise mail out W.P.C.A. Regulations to the new members.

There was a partial upgrade in 2000. The upgrade included the removal of nitrogen and doing well by receiving credit from the program. The effluent in the water is good quality.

There is however major odor problems. The solids taken out of the waste and that equipment is from the 60's and 70's and pretty much broken. There is not a lot to do without a major upgrade. There was an odor control study done and carbon scrubber units were recommended.

Two pumps stations have failed twice in the last three or four years. The collection system has issues all the time with pipes collapsing and blockages. A number of houses have been backed up. The plant runs it is just hard to keep it going. The pump seals go all the time, they are constantly replacing parts on the pumps.

The board will take a tour on November 28th at 10:00 a.m.

The new DOT road will have a new pumping station.

Mr. King was under the impression the plant capacity was at 3 million gallons a day. However, Weston & Sampson found parts of the plant was undersized and his feeling is more 1.7 million. An average day flow is 1 -1.5 million. The flow could go up to 10 million gallons when it rains, not sustained, it would average out to 3 million gallons. When it rains, 90% of the flow is from rainwater. The impact is, it has to get processed. The plant could get hydraulically overloaded. A short storm is not bad, a sustained heavy rain there is a good chance the plant gets washed out. Mr. Saccu feels there still has to be catch basins that did not get separated. Mr. King said there is ground water all the time. There is probably a good 500,000 gallons a day of ground water.

Mr. Wester said the cost of not treating it, a cost study would need to be done. Weston & Sampson has been keeping an eye on the plant and the infrastructure. The plant is in dire need of attention. Mr. Saccu asked if Weston & Sampson could put together a report on the conditions at the plant including the worst possible problems that could exist with the system and how imminent that might be. This is the City's infrastructure you don't want a catastrophe on your hands. A plan has to be developed.

Mr. Wester said they would be very willing to come in and give an update of the studies they have done and get the new board up to speed at the next meeting.

Mr. Saccu said they need to come up with a potential threat list and take a look at the impact of those threats.

Mr. Wester said they are looking at the biggest energy consumers such as pumping air into the tanks for treating wastewater and talking with U.I. for energy efficient blowers. An aeration upgrade could be 4 million dollars. That is the heart of the operation, but just one piece.

The next meeting will be on December 16th at 7:00 p.m.

Adjourn

A MOTION to adjourn by Mr. Bartholomew with a second by Mr. Saccu at 7:36 p.m., all in favor, **motion carries.**

Adjournment

Respectfully Submitted,

*Denise Cesaroni
Recording Secretary*

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