



CITY OF NORTH RIDGEVILLE

**Engineering Department
Daniel Rodriguez, P.E., City Engineer**

DRAINAGE AND FLOOD CONTROL BOARD

Minutes for Tuesday, January 23, 2018 Meeting

Meeting called to order by City Engineer Daniel Rodriguez at 7:00 p.m.

In attendance were:

Ed Dunham	Mike Borow	Bob Chapek
Mike Gillespie	Eugene Kleinholz	Brendan McCool
John Vrtachnik	Dennis Boose	City Engineer Daniel Rodriguez
Assistant City Engineer Cathy Becker		
Resident Rick Szalkowski		

Old Business

- A. Minutes for April 25, 2017 Meeting**
- B. Minutes for July 25, 2017 Meeting**
- C. Minutes for October 24, 2017 Meeting**

City Engineer Daniel Rodriguez asked for a motion to approve the minutes from the April 25, 2017 meeting. Board Member Mike Gillespie made a motion to approve the minutes. Board Member Ed Dunham seconded the motion. The motion was unanimously approved.

City Engineer Daniel Rodriguez asked for a motion to approve the minutes from the July 25, 2017 meeting. Board Member Mike Gillespie made a motion to approve the minutes. Board Member Gene Kleinholz seconded the motion. The motion was unanimously approved.

City Engineer Daniel Rodriguez asked for a motion to approve the minutes from the October 24, 2017 meeting. Board Member Mike Gillespie made a motion to approve the minutes. Board Member Gene Kleinholz seconded the motion. The motion was unanimously approved.

New Business

City Engineer Daniel Rodriguez had all meeting attendees introduce themselves since there are two new members (John Vrtachnik and Brendan McCool).

- A. EPA Phase II Storm Water Program Outfall Sampling Results from 2017**

City Engineer and Chairman of the Board of Drainage and Flood Control Daniel Rodriguez said that

this is an EPA-required program in which the Cuyahoga County Board of Health is hired by the City of North Ridgeville to screen and sample the storm sewer outfalls annually. Sampling is for E coli. Sampling results showing high E coli levels are forwarded to Lorain County Public Health if there is a septic system upstream of the outfall that may be failing and discharging to the storm water system. Lorain County Public Health is the agency with jurisdiction over septic system maintenance. Lorain County Public Health will work with the property owners of the septic systems to have their system repaired or replaced to reduce the illicit discharge.

Assistant City Engineer Cathy Becker displayed the outfall tracking map that the Cuyahoga County Board of Health had prepared for the 24-inch outfall of Otten Ditch Lateral on Case Road. Cuyahoga County Board of Health tracked the discharge back to a septic system on Case Road. This information was also forwarded to Lorain County Public Health.

Board Member Dennis Boose asked when Lorain County Public Health would work with the property owners, and Assistant City Engineer Cathy Becker said it would be sometime in 2018 after the weather improved. She said that the city is required to provide Ohio EPA with a schedule of elimination of illicit discharges each year with the annual report to Ohio EPA. She displayed the schedule that will be provided with the report to Ohio EPA in Spring 2018. Several locations that were sampled with high E coli readings in the past have shown no sewage odors when screened in the following years. This would indicate that the septic systems have been repaired.

Board Member Ed Dunham asked who was responsible for paying for the repairs to the failing septic systems, and City Engineer Daniel Rodriguez said that it was the responsibility of the property owner.

Board Member John Vrtachnik asked a general question about the storm sewer outfalls discharging to ditches, and City Engineer Daniel Rodriguez said that there were several types of septic systems and some of them do discharge to ditches. Sampling results from the outfall discharges to the ditches that show high E coli are tracked back to the septic systems that are failing. He said that Lorain County Public Health regulates septic system maintenance.

Board Member Gene Kleinholz stated that the Board of Health is also responsible for regulating trailer park systems.

Board Member Brendan McCool reviewed the sampling report and asked if the 576 E coli colonies per 100 milliliters is the cut off for a clean sampling result, and Assistant City Engineer Cathy Becker said that it was a limit that the Board of Health had set for determining what was clean.

B. Items from Committee Members:

Board Member Dennis Boose asked City Engineer Daniel Rodriguez to explain the French Creek Regional detention plan. City Engineer Daniel Rodriguez explained that the cost of the plan is now approximated at \$4.5 million, and he displayed the flood study recommendations plan. He said that the city received a grant of \$1 million for Phase 1 of the plan and is awaiting the grant agreement from the State of Ohio before proceeding with purchasing the property for building the detention basin north of Boulder Drive. The state-required appraisal of the property values it at \$750,000.00.

He said that the city has also applied to the State of Ohio for a grant for Phase 2 of the plan. Phase 2 would include construction of the improvements to prevent flooding beginning with the most downstream area at the existing basin behind the storage buildings on Center Ridge Road east of Lear Nagle Road. City Engineer Daniel Rodriguez said that this French Creek Regional detention plan was created in 2013.

Board Member Gene Kleinholz said that the city used to own a lot of the property that these improvements will be built on.

City Engineer Daniel Rodriguez also explained that the improvements constructed at the Ohio Turnpike in 2017 have helped redirect storm water flow from the Ohio Turnpike to the West Point Retention Basin. It is believed that the improvements are working after seeing the results from a recent storm.

Board Member Mike Gillespie asked how long it will take to get state approval for the Phase 2 grant and the agreement for Phase 1, and City Engineer Daniel Rodriguez said the city has been waiting for a few months.

Board Member John Vrtachnik asked if the Boulder area basin property is landlocked and how large the basin will be, and City Engineer Daniel Rodriguez said that there is really no access to it. He said that the proposed detention basin will have a volume of 50 to 60 acre-feet.

Board Member Gene Kleinholz asked why there are still sanitary sewer risers on Center Ridge Road (west end) and why the property owners have not tied into the sanitary sewer. Assistant City Engineer Cathy Becker said that she believed that most of the properties are now tied into the sanitary sewer, but it is Lorain County Public Health that enforces connections and they also have the database. City Engineer Daniel Rodriguez asked Gene to provide an address so that the city could check on it.

Board Member Gene Kleinholz said that he believes serving on this Board is the right thing to do to help improve drainage and flooding problems in the city, and he takes his responsibility seriously. He is disheartened that many Board members do not attend the meetings. City Engineer Daniel Rodriguez said he reported at the Council meeting that Board members need to attend the meetings. Board Member Bob Chapek said that his members were present, and Board Member Dennis Boose said the same and that we do have a quorum tonight. Board Member Dennis Boose suggested Gene talk to the Board members who were not present.

Board Member Mike Gillespie wanted to note that the drainage and flood control inside North Ridgeville also impacts the neighbors to the north in Avon.

Board Member Dennis Boose said that the city has a plan to abate flooding, and City Engineer Daniel Rodriguez said that the Engineering Department is here to respond to residents' complaints. Board Member Dennis Boose said that the response from City Engineer Daniel Rodriguez to a resident's complaint last week was the best response he had ever seen.

City Engineer Daniel Rodriguez stated that the next meeting was scheduled for Tuesday, April 24, 2018 in the Conference Room.

City Engineer Daniel Rodriguez adjourned the meeting at 7:34 p.m.

Respectfully Submitted,

Daniel Rodriguez
City Engineer