

The regular meeting of the Board of Directors of The Miami Conservancy District (MCD) sitting as the Board of Directors of The Aquifer Preservation Subdistrict (APS) was called to order at 10:30 a.m. by Beth G. Whelley, President, with Mark G. Rentschler, Vice President present. William E. Lukens, member, attended via teleconference.

Members of the staff in attendance were: Janet M. Bly, General Manager; and Rhonda K. Snyder, Secretary.

Members of the staff in attendance via teleconference: Raymond M. Burton, Project Crew Supervisor; James B. Casper, Operations and Maintenance Supervisor; Michael P. Ekberg, Manager, Water Resources Monitoring and Analysis; Brenda Z. Gibson, Manager, Public Relations and Education; Sarah Hippensteel Hall, Manager, Watershed Partnerships; Kenneth P. Moyer, Treasurer; Donald P. O'Connor, Chief of Construction and Planning; Shannon E. Phelps, Manager of Administration; Barry M. Puskas, Chief of Technical and Engineering Services; and Kurt A. Rinehart, Chief of Operations/Chief Engineer.

Legal counsel in attendance via teleconference: W. Chip Herin III, Coolidge Wall Co., LPA and Stephen M. McHugh, Coolidge Wall Co., LPA.

COMPLIANCE WITH SUNSHINE LAW AND BYLAWS

The meeting was held in compliance with the Sunshine Law and MCD and Subdistrict Bylaws. The meeting information was posted on MCD's website. Miami Valley news media and individuals requesting such notification were notified of the meeting by first-class and/or electronic mail dated March 17, 2020.

MINUTES

The Minutes of the Board of Directors December 18, 2019, meeting were provided to members of the Board for review and comment.

M 2020-129

The Board of Directors, on motion by Mr. Rentschler and seconded by Mr. Lukens, unanimously approved the Minutes for December 18, 2019.

M 2020-130

The Board of Directors, on motion by Mr. Rentschler and seconded by Mr. Lukens, unanimously accepted the following staff reports. The reports were provided to the Board of Directors for review prior to the meeting.

2019 Groundwater Quality Survey and Contaminant Trends

MCD staff completed a summary report of groundwater quality data collected in 2019. The data showed samples collected from 10 out of the 12 MCD monitoring wells met human health-based benchmarks for all of the analytical parameters. Parameters that exceeded health-based benchmarks in at least one groundwater sample included arsenic, iron, and manganese. There were also detections of parameters at concentrations which did not exceed any benchmarks or regulatory standards but reflected anthropogenic sources. These parameters included chloride, chloroform, nitrate, sodium, and trichloroethene.

"Nuisance contaminants" were present at levels exceeding aesthetic-based standards in samples collected from 8 of the 12 monitoring wells. Nuisance contaminants are naturally occurring and do not typically pose a health threat. They can, however, have adverse impacts on water taste and odor, plumbing fixtures, and laundry. Nuisance contaminants exceeding aesthetic benchmarks in groundwater samples included iron, manganese, and total dissolved solids.

MCD monitoring wells are installed in sand and gravel aquifers comprising the buried valley aquifer system.

Dayton Water Quality and Infrastructure Review

A regional committee of local leaders convened to conduct a review of the City of Dayton's and interconnected water utilities' management practices. The committee formed at the direction of Congressman Mike Turner. The committee's purpose is to ensure and/or validate that water utility management practices are sufficient to support ongoing economic and quality-of-life factors for businesses and residents in the Dayton metropolitan area. The committee identified a need to hire an independent consultant to perform a specific scope of work.

In September 2019, the committee chair asked MCD to assist with the consultant selection process and manage the project once a consultant was selected.

On October 2, 2019, the committee sent a Request for Qualifications and Proposal (RFQ) to 15 potential consultants with a deadline of November 6, 2019, for responding. None of the consultants submitted a proposal. On December 16, 2019, the committee sent the RFQ out a second time to a different group of potential consultants. Two of those consultants (LimnoTech and Civil and Environmental Consultants) submitted proposals.

On January 30, 2020, the committee selected LimnoTech. MCD is in the process of executing agreements with organizations who have agreed to contribute funds to APS to pay the cost of the consulting contract. Once the agreements are executed and the necessary funds are received to conduct the project, MCD will execute an agreement with LimnoTech to proceed with the work. The project is scheduled to be completed in nine months once the agreement with LimnoTech is finalized.

Test Your Well

The combined Butler and Preble county Test Your Well event took place on March 10 at the Collinsville Community Center in Collinsville, Ohio.

A total of 19 water samples were tested onsite for nitrate and arsenic. Nitrate was present at concentrations above 3 milligrams per liter in 3 out of the 19 samples. A concentration of nitrate exceeding 3 milligrams per liter in regional groundwater is a good indication of human impact. None of the samples exceeded the drinking water maximum contaminant level for nitrate of 10 milligrams per liter. There were no detections of arsenic in the water samples.

FUTURE BOARD MEETING

The Board members set Thursday, May 21, 2020, for the next regular meeting of the Board of Directors of The Miami Conservancy District sitting as the Board of Directors of The Aquifer Preservation Subdistrict.

ADJOURN

There being no further business, the meeting was adjourned by unanimous consent.

ATTEST:

APPROVED:



Rhonda K. Snyder
Secretary



Beth G. Whelley
President