

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 1:00 p.m. by Beth G. Whelley, President, with Mark G. Rentschler, Vice President present. William E. Lukens, member, joined the meeting at 1:40 p.m. via teleconference. The meeting was held at the Sinclair Conference Center located at 444 West Third Street in Dayton.

Members of the staff in attendance were: Janet M. Bly, General Manager; Rhonda K. Snyder, Secretary; Raymond M. Burton, Project Crew Supervisor; James B. Casper, Operations and Maintenance Supervisor; Michael P. Ekberg, Manager, Water Resources Monitoring and Analysis; Daniel K. Foley, Great Miami Riverway Director; 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.

Members of the staff in attendance via teleconference: Brenda Z. Gibson, Manager, Public Relations and Education and Sarah Hippensteel Hall, Manager, Watershed Partnerships.

Legal counsel in attendance: W. Chip Herin III, Coolidge Wall Co., LPA.

Guests in attendance: None

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 electronic mail dated September 23, 2020.

MINUTES

The Minutes of the Board of Directors May 21, 2020, meeting were provided to members of the Board for review and comment.

M 2020-135

The Board of Directors, on motion by Mr. Rentschler and seconded by Ms. Whelley, unanimously approved the Minutes for May 21, 2020.

Next, Mr. Ekberg presented updates for the 2020 groundwater sampling, Dayton water quality study and infrastructure review and APS program continuation.

2020 Ambient Groundwater Sampling

MCD staff recently completed field sampling activities for the spring 2020 groundwater sampling event. Staff sampled the MCD network of 12 monitoring wells installed in the buried valley aquifer system. Groundwater samples were analyzed for a broad suite of parameters including major ions, nutrients, metals, semi-volatile and volatile organic compounds, bacteria, and a list of emerging contaminants. The emerging contaminant list included the compound 1, 4-dioxane, and 19 pharmaceutically active compounds.

Nuisance contaminants such as iron, manganese, total dissolved solids, and hardness were common in groundwater samples. These contaminants are present naturally and do not present a health concern, but impact the aesthetics of drinking water.

Naturally occurring arsenic which is a health concern was present in samples collected from 2 of the 12 wells but only exceeded the maximum contaminant level for drinking water in one of the wells.

Contaminants reflecting anthropogenic sources in one or more groundwater samples included chloride, nitrate, sodium, trichloroethene (TCE), 1, 4-dioxane, acesulfame K, and sucralose. Nitrate was the only anthropogenic contaminant detected in a sample at a concentration exceeding a human health-based benchmark. All of the other contaminants reflecting anthropogenic sources were detected at concentrations below human health-based benchmarks.

Dayton Water Quality Study 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. MCD was requested and agreed to manage the project.

On January 30, 2020, the committee selected LimnoTech as the consultant. As of early March, MCD was in the process of executing agreements with organizations to contribute funds to APS to pay the cost of the consulting contract. The project stalled due to the COVID-19 pandemic.

Aquifer Preservation Subdistrict Program Continuation

In May, the Board of Directors approved continuation of the APS program and directed legal counsel to apply to the Conservancy Court to authorize the continuation of the program. The Conservancy Court authorized continuation of the APS program at its meeting on August 21, 2020.

Next, Dr. Hall reported on the Greater Dayton Conservation Fund and the Lower Great Miami River project.

Greater Dayton Conservation Fund

MCD offered an APS funding match to successful grant applicants who apply to the Greater Dayton Conservation Fund (GDCF) of The Dayton Foundation. To be eligible for the APS match, projects must be located in the subdistrict boundaries and benefit water resources such as groundwater, wetlands, lakes, rivers, or streams.

The Middle Great Miami River Watershed Alliance was awarded a grant from the GDCF and a \$2,500 match from APS. The project will remove invasive amur honeysuckle and other non-native vegetation from streamside areas along the streams that drain into Piqua's drinking water reservoirs.

The grant was awarded at the Greater Dayton Partners for the Environment Fall

Awards Event via teleconference on September 16.

Lower Great Miami River Project

MCD staff facilitates a partnership of communities that manage wastewater treatment plants which discharge into rivers and streams in the Great Miami River Watershed.

In June 2020, Ohio Environmental Protection Agency (Ohio EPA) released Ohio EPA Technical Report AMS/2020-LRGRV-1, "Quality Assurance Project Plan (QAPP) for the Biological and Water Quality Survey of Ohio's Large Rivers 2020-2021" for public comment. In June, the partners requested that MCD hire a consultant to conduct a review of Ohio EPA's draft study plan for the Great Miami River. MCD hired Todd Royer, PhD., to complete the review. Dr. Royer's review was provided to the partners who collectively submitted comments to Ohio EPA.

FUTURE BOARD MEETING


The Board members set Thursday, December 17, 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