



## SHAKER HEIGHTS

### Sustainability Committee Meeting Agenda Via Zoom Pursuant to Ordinance No. 22-02 and Resolution No. 22-03, enacted January 10, 2022. Thursday, February 10, 2022 at 8:00 a.m.

Join the Zoom meeting online as a viewer or listener from a PC, Mac, iPad, iPhone or Android device at [https://zoom.us/j/95689437182?](https://zoom.us/j/95689437182?pwd=SUkyVjMvTWxBNDd6cWdKcG1QVi9VUT09)

pwd=SUkyVjMvTWxBNDd6cWdKcG1QVi9VUT09, Password: 33553400:

Description: Sustainability Committee; or join by phone at 833-548-0282 (toll free); Webinar ID: 956 8943 7182, Password: 33553400. International numbers available at <https://zoom.us/u/ahwKbeuA>.

1. Approval of the January 13, 2022 Meeting Minutes.

Documents:

[SUSTAINABILITY MIN 20220113.PDF](#)

2. Renewal of Coventry Land contract for Sustainability Consulting Services.

Documents:

[COVENTRY SUS 2022.PDF](#)

3. Request for Additional Appropriation for Citizen-led Initiatives.

Documents:

[SUSTAINABILITY ADDITIONAL APPROPRIATION 2022.PDF](#)

4. Sustainability Committee Goals and Priorities for 2022.

5. Review of Existing Roadmap/Objectives.

- a. Subcommittees Update on Progress

- i. Stormwater and Greenspace

- ii. Renewable Energy (Norman Robbins)

- iii. High School Advisory Group (Shanna Keown)

6. Old Business/New Business.

*To request an accommodation for a person with a disability, call the City's ADA Coordinator at 216-491-1440, or Ohio Relay Service at 711 for TTY users.*



**Sustainability Committee Minutes**

**Thursday, January 13, 2022**

**7:45 A.M.**

**Via Zoom Conference Pursuant to Ordinance No. 21-76  
And Resolution No. 21-77, Enacted August 23, 2021**

Members Present: Nancy Moore, Committee Chair, Council Member  
Sean P. Malone, Council Member  
Anne Williams, Council Member  
Shanna Keown, Citizen Member

Others Present: Jeri Chaikin, Chief Administrative Officer  
Michael Peters, Sustainability Coordinator  
Julia Larouche, Stormwater and Green Space Subcommittee  
Matthew Burkhart, Resident  
Shaker Youth LEEDS Subcommittee members:  
Kathleen Gua, Co-president, Hathaway Brown  
Sophie Gao, Co-president, Hathaway Brown  
Natalie Conrad, Shaker Heights High School  
Ava Keresztesy, Hathaway Brown  
Fanon Miller, University School  
Cindy Yu, Hathaway Brown  
Torrey McMillan, SYLEEDS Advisor, Hathaway Brown

The meeting was called to order by Committee Chair Nancy Moore at 7:45 A.M.

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**Shaker Youth LEEDS Presentation**

The Shaker Youth LEEDS subcommittee (“SYLEEDS”) was started in 2019 to assist in evaluating potential credits for the City’s LEED for Cities certification. Now in its third academic year, the group is open to any high school student living in or going to school in Shaker Heights. It currently consists of members from Hathaway Brown, Shaker Heights High School, and University School.

The group members presented on two topics: Horseshoe Lake and their EcoChallenge.

The group did research to better understand the dam removal proposed for Horseshoe Lake. This included a tour with the Executive Director of the Doan Brook Watershed Partnership and creating and distributing a survey to residents. The survey was open to the public and outreach for participation included high school students, the Shaker Historical Society, the Friends of Lower Lake, and the Save Horseshoe Lake proponents. They received 91 responses. Overall there was a feeling that the respondents wanted more information and needed greater awareness of the situation.

**CITY OF SHAKER HEIGHTS**

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**shakeronline.com www.shaker.life**

During questions the discussion included a description of the 2-year public planning process (that hopefully the students can participate in), an offer to share drone footage and the website link for additional info, and a suggestion that SYLEEDS could help the City in future survey and outreach activities.

The EcoChallenge, which will be held for the second year, will encourage residents to take sustainable actions that align with the credit categories of LEED for Cities. Participants log their activities and the group is working with local businesses for prizes. They are hoping to partner with additional new businesses this year (last year's businesses included 3-19 Coffee, Stump Plants, and Rust Belt Riders) and potentially expand the geography of the EcoChallenge to Cleveland. They are also looking to partner with other regional youth groups interested in sustainability topics.

The group also inquired about potential funding and encouraged everyone to follow them on [Instagram](#).

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### **Approval of the December 9, 2021 Meeting Minutes**

It was moved by Anne Williams and seconded by Sean Malone that the minutes of the December 9, 2021 meeting be approved as recorded; unanimously passed.

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### **NOACA EV Charger Grant**

The Northeast Ohio Areawide Coordinating Agency (“NOACA”) has proposed the installation of electric vehicle (“EV”) chargers at The Van Aken District on public right-of-way. These would be DC Fast Chargers that would complement the City’s existing AC Level 2 chargers at City Hall, Thornton Park, The Dealership, and Larchmere Public Parking. These chargers are capable of recharging EVs much more quickly than the AC Level 2 chargers (but are more expensive to install and operate).

NOACA would pay for the engineering, equipment, and installation and transfer ownership of the equipment to the City upon completion. Through a Partnership Agreement, the City would agree to operate the chargers for a minimum of five years.

These chargers are an important addition to the City’s charging network and will provide economic development, equity, and sustainability benefits. This includes allowing residents in multifamily apartment and condo buildings to have access to charging, which would allow them to own EVs as private homeowners who can install chargers can.

While the equipment will be paid for by NOACA, the City will be assuming operational costs, primarily for the electricity consumption. This type of equipment requires a commercial connection that is subject to “demand charges” due to the large electricity draw when a vehicle is charging. An estimate of costs was created with the utility (as no actual bills from the region are available as there are very few of these chargers currently). The cost to operate the chargers could be in the \$1,800 to \$1,900 per month range, offset in part by any fees that drivers pay.

The request to the Committee is to encourage the Mayor to enter into the Partnership Agreement with NOACA. An allocation for operating costs will be included in the 2023 budget (there is expected

to be limited financial implications in 2022 as the chargers would likely only be operational late in the year). The motion was made by Anne Williams, seconded by Sean Malone, and passed unanimously.

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### **2022 Committee Goals**

The Committee was asked to consider goals for 2022 both as a Committee and at the Subcommittee level. Each Subcommittee will discuss in their upcoming meetings.

Many potential goals are ongoing from 2021 and include:

- Developing potential options for the City’s electric aggregation program
- Continuing to evaluate options for rooftop solar on City facilities
- Expanding the electric vehicle fleet and electric vehicle charging stations
- Engaging the City Green Team for updates and new ideas
- Continuing to track developments and opportunities related to LED streetlights
- Tracking opportunities to reduce waste and better quantify the commercial waste generated in the City
- Working with the Stormwater & Green Space Subcommittee on transitioning to electric landscape equipment

Additional suggestions from Committee members included:

- Reviewing the stormwater code revisions (expected early 2022) in collaboration with the Safety & Public Works Committee
- Investigating opportunities for residents to increase energy efficiency (potentially through Dominion program)
- Participating in the planning process for Horseshoe Lake, which could include subcommittee work from both Stormwater & Green Space and SYLEEDS
- Funding additional tree planting
- Expanding mobility options such as shared scooters and activating the Rapid Stations at Coventry Road and Lynnfield Road

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### **Subcommittee Updates**

Stormwater & Greenspace (Julia Larouche)

- The December meeting included a discussion of the stormwater code revisions (presentation on these expected in March 2022)
- A planting session will be held April 30<sup>th</sup> at Grow Not Mow site #1 (Courtland and South Park Boulevards)
- Continuing to work with The Nature Center of a Certified Yard Habitat program for residents
- A question was asked regarding the participation of the schools; outreach will be made to the schools as a follow-up item
- Next meeting is Friday, January 28<sup>th</sup> at 4pm via Zoom

Renewable Energy (Norman Robbins)

- Next meeting is Tuesday, January 18<sup>th</sup> at 4pm via Zoom
- Noted availability of Dominion home energy audit; it has a small cost but also includes potential rebates

Shaker Youth LEEDs / High School Advisory Group (Shanna Keown)

- The group is working on the EcoChallenge
- Meetings are on Tuesday evenings

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**New Business**

- In collaboration with the Recreation Department, Shaker Heights will once again host a Drive Electric Earth Day event on April 23<sup>rd</sup> in conjunction with the City's "Touch a Truck" event. This national program, hosted by non-profit organizations Plug In America, the Electric Vehicle Association, and EVHybrid Noire, lists the event on their website, which has a large media and social media following.

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There being no further business, the meeting was adjourned at 8:57 A.M. The next meeting is scheduled for February 10, 2022 at 8:00am.



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Michael Peters  
Sustainability Coordinator



## Memorandum

**TO:** Sustainability Committee Members

**FROM:** Jeri E. Chaikin, Chief Administrative Officer

**CC:** Mayor David E. Weiss

**DATE:** January 28, 2022

**RE:** Recommendation to Enter into a Contract with Coventry Land Company LLC. in the Amount Not-to-Exceed \$51,500 for Sustainability Consulting Services for the Period March 1, 2022 through February 28, 2023.

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Council's Sustainability Committee was established in 2019 to formalize sustainability policies and priorities for the City. The Committee is currently chaired by Council member Nancy Moore and includes other Council members and residents as its members. Michael Peters of Coventry Land Company LLC is the consultant who serves as the Sustainability Coordinator for the City and works with the Sustainability Committee and its subcommittees. The contract with Coventry Land Company LLC expires on February 28, 2022, and it is recommended that the contract be renewed for a fourth year.

In 2019, Council began including funds in the General Fund budget for a Sustainability Coordinator to support the Sustainability Committee and provide assistance in making recommendations for, and implementing, energy-efficiency and cost-saving initiatives, and to research and recommend best practices for City-wide sustainability. Coventry Land Company LLC was selected in 2018 after a competitive request for proposal process to provide consulting services for sustainability initiatives. Funding has been included in the 2022 General Fund budget to continue these services.

In addition to managing the agenda for the monthly Sustainability Committee meetings, Mr. Peters' 2021 - 2022 accomplishments include, among others:

- Continue to use the EnergyCAP utility bill tracking and analysis software to reduce City facilities' energy usage.
- Residential and City facilities composting program with Rust Belt Riders.
- Continue to investigate solar power generation for residential properties and City facilities.
- National Drive Electric Week event at the Van Aken district.
- Coordinating promotion of City's sustainability initiatives on shakeronline.com via social media, and in *Shaker Life* magazine.
- Obtaining grant funding and managing the installation of EV charging stations in various locations in the City.
- Working to continue the City's LEED for Cities Gold status.
- Spearheading the purchase of the City's first electric vehicle which is assigned to the Recreation Department.

- Advocated for our Power a Clean Ohio membership.
- Worked with the Committee and the City Law Department on a recommendation for a 100% Green electric aggregation program for Shaker residents.

Coventry Land's contract remained at \$50,000/year for the first three years. A 3% increase from \$50,000 to \$51,500 is recommended for the fourth year.

Based on Mr. Peters' accomplishments to date, his successful work with the Sustainability Committee, and to provide for continuity in the leadership of the City's sustainability initiatives, it is recommended that the Sustainability Committee support the recommendation for a contract with Coventry Land Company LLC in the not-to-exceed amount of \$51,500 for sustainability consulting services for the period March 1, 2022 through February 28, 2023.

Jec22CoventryLandContract22





## Memorandum

To: Members of Sustainability Committee  
From: Chief Administrative Officer Jeri E. Chaikin  
cc: Mayor David E. Weiss  
Date: February 2, 2022  
Re: Request for Additional Appropriation in the Amount of \$25,000  
for Sustainability Committee Citizen-led Initiatives

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The General Fund operating budget includes a \$60,000 allocation to support the City's Sustainability initiatives. The 2022 \$60,000 budget is allocated as follows:

\$51,500	Coventry Land Contract
3,040	Rust Belt Riders – composting in City facilities
2,529	Energy Cap utility tracking software
<u>2,800</u>	First Energy EV charging station operations
\$59,869	

Recently added for 2023 is \$12,000 for demand charges for EV chargers at the Van Aken district to bring the total annual sustainability costs to \$71,869 in 2023.

The Sustainability Committee, like Council's newly-created Diversity, Equity and Inclusion Committee, is unique in that it has subcommittees that research and implement projects that engage residents (and non-residents) to work toward each committee's goals without adding to the workload of City employees. With \$500 spent so far this year on marketing, and assuming two months of demand charges for the NOACA chargers (total \$2,500), \$22,500 of the \$25,000 is available for 2022 initiatives. The \$12,000 for EV charging stations' demand charges will not be needed in 2022 due to NOACA's implementation timeline, but in 2023 with the \$12,000 in EV charging station demand charges \$13,131 additional will be available for the Sustainability Committee's 2023 goals.

The Sustainability Committee is requested to support a recommendation to City Council to appropriate an additional \$25,000 in the General Fund operating budget to support sustainability initiatives implemented by the Sustainability Committee.