MINUTES OF MEETING
MEDITERRA
COMMUNITY DEVELOPMENT DISTRICT

The Board of Supervisors of the Mediterra Community Development District will hold a Workshop on March 11, 2025 at 10:30 a.m., in the Bella Vita II Room at the Sports Club at Mediterra, 15735 Corso Mediterra Circle, Naples, Florida 34110.

Present:

Kenneth Tarr	Chair
Vicki Gartland	Vice Chair
Mary Wheeler	Assistant Secretary
Stephen Light	Assistant Secretary

Also present:

Neal Spungen	Dryad Systems
Mark Zordan	District Engineer

FIRST ORDER OF BUSINESS **Call to Order/Roll Call**

Mr. Tarr called the workshop to order at approximately 10:32 a.m.

Supervisors Tarr, Gartland, Wheeler and Light were present. Supervisor Henry was not present.

SECOND ORDER OF BUSINESS **Presentation/Discussion: [Neal Spungen, Dryad Systems]**

Mr. Spungen gave a presentation about Dryad System's Wildfire Protection Plan and sensors. He discussed the world-wide locations where Dryad sensors are being used, causes of wildfires, wildfires in Florida over the past few years, etc. He noted the following regarding the Dryad System and sensor:

- The sensor can be attached to a tree or structure.
- Sensors are solar powered.

- Detection can occur within minutes and is transmitted to Dryad and the necessary authorities.
- The sensors can be validated and tested periodically; the system continuously tests the sensors and the CDD would likely have access to a console depicting the sensors and status.
- Generally, the sensors are located away from residences enough such that grilling and fire pits would not trigger a warning.
- The sensor detects smoke, air pressure, humidity, air quality and temperature, which are reported every two hours.
- The sensor is AI driven and uses technology.
- The sensors are 100% waterproof.
- The sensors will provide the exact location of any issues.
- Information/alerts from the sensors are transmitted wirelessly.
- A sound sensor, movement sensor and drones will be available in the future.
- The cost per sensor is approximately $100.
- Other types of sensors are being developed.
- The system has a 15% annual service fee that covers communication and system updates.
- The system has a 10-year warranty but is expected to have a 15-year lifespan.
- The system network is currently a closed network but the network might be opened in the future to launch water/irrigation in an area with a fire.
- About 300 sensors would be needed to cover the conservation areas.

Mr. Tarr wondered if the CDD could get permission to install sensors in adjacent areas that are not CDD-owned, if they could possibly pose a threat.

- Local contractors are hired to install the sensors and Dryad oversees the installation.
- Notification is received if a sensor goes off line.
- The anticipated system would be 300 sensors, 13 gateways, one week with an engineer on site, at a cost of approximately $75,000. This does not include the installation cost.

Discussion ensued regarding the potential benefits, cost, early wildfire detection, vegetation in the conservation/preserve areas, insurance potentially not covering fires and potential insurance rate savings if a detection system is in place.

Those in attendance discussed the cost to clear vegetation in the conservation/preserve areas, whether adhering to the Best Management Practices of clearing vegetation is worthwhile, reducing response time to a fire, developing a process to address fires, potential contractors to install poles and sensors, seeking a grant to offset the cost of the system.

THIRD ORDER OF BUSINESS **Adjournment**

The workshop adjourned at 11:50 a.m.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

Secretary/Assistant Secretary

Chair/Vice Chair