

Application for Unmanned Aircraft Systems (UAS) on Longmont Public Lands

Title: EAB Study Using a Drone

Application Date: 7/26/2018

Purpose: Gather data about early detection and spread of EAB in Longmont

City Staff Contact: Ken Wicklund

Explanation of Work and Proposed Flight Information

Expectations/Purpose of Flight:

The purpose of this flight is to help determine the spread of EAB in Longmont. The pilot plans to gather data to detect early signs of an EAB infestation from the air using multispectral sensing.

Proposed flight path (please include a brief description of where you plan to fly the UAS):

The pilot plans to fly over the tree canopy of several public parks including Valley Park, Hover Park, Pratt Park, Loomiller Park, Willow Farm Park and also Twin Peaks Golf Course.

Type of Equipment (model name, size, color): see web site: arbordrone.net

Time Frame and Date(s) (weather permitting): 8/9/2018

Operator Name: Dan Staley and Tim Haynie (Dan Staley will be pilot in charge)

Company Name: Dan: Arbor Drone, LLC ; Tim: Spectrabotics, LLC

Contact Phone Number: 303-552-6623

Contact E-mail: staley.dan@gmail.com

FAA License Number: 4009972

How will the information gathered be managed and stored?:

Data will be stored on Spectrabotics server, including EXIF data and imagery. Data will be analyzed and managed on Spectralink, a password-protected cloud-based server under Spectrabotics, LLC.

Please attach a copy of your insurance certification to this form

Approvers Signature & Date

PW&NR Manager: _____

Recreation Manager Signature: _____