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## **Exhibit A SCOPE OF WORK**

### **St. Edward Park Ballfield Development Additional Environmental Support (Addendum 4) Prepared By: ESA Prepared For: Perteet July 13, 2017**

On behalf of Perteet and the City of Kenmore (City), Environmental Science Associates (ESA) has prepared a scope of work (SOW) and cost estimate to provide continued environmental permit support for a planned ballfield development at St. Edward Park in Kenmore, Washington. The site is located at an existing ballfield, due east of the main parking lot at St. Edward Park and south of NE 145<sup>th</sup> Street (the main entrance road into the park). This scope of work is to conduct surveys for bird species using the site during twilight periods. The purpose of the survey is to provide the City with baseline information on the bird species present when the ballfields would be illuminated by the proposed lighting.

#### **Task 1. Bird Survey**

Two ESA biologists will conduct four field visits to observe bird species use of the study area during twilight periods. Two of the surveys would be conducted in the evening (between a half hour after sunset and midnight) and two of the surveys would be conducted in the morning (two hours before and a half hour after sunrise). The surveys will target crepuscular and nocturnal bird species such as owls and nightjars. Surveys will consist of walking the study area, conducting passive visual and aural observations of bird activity, and documenting individual species, activity, and abundance. Surveys will also include active acoustical playback methods to elicit territorial behavior from individuals.

The study area includes the existing ballfield, Saint Edward Seminary building, the open fields surrounding the building, and the two canyons with older age-class forest running from Lake Washington to the Seminary area. The study area does not include the Bastyr College grounds. This study area is the same as the bat survey study area currently being conducted by State Parks.

#### Deliverables:

- None under this task.

#### Assumptions

- Surveys target nocturnal bird species and are not focused on diurnal species (i.e., species principally active during the day).

- Surveys will follow established protocols (e.g., Ralph and Scott, 1998; Takats et al. 2001).
- Due to project timing, surveys must be conducted during the months of July, August, and September.
- Actual survey dates will be determined based on environmental conditions that can affect detectability of owl species (wind, precipitation, and temperature).
- City will provide ESA with authorization for after-hours access to Park.

## **Task 2. Survey Results Memorandum**

ESA will prepare a brief memorandum summarizing the survey methods and results. The memo will describe the species observed, general location, and activity. ESA will also review the literature review developed by State Parks titled *Potential Environmental Impacts of Artificial Lighting at St. Edwards State Park* and provide an evaluation of its content in this memo. After submittal to the City, ESA will revise the memo up to 2 additional times to address comments from the City and the public.

### Deliverables:

- Draft Survey Results memo for City review (provided in electronic format)
- Final Survey Results memo (provided in electronic format)

### Assumptions

- The memo will not include an analysis of potential impacts from the proposed lighting on the species observed. Impact analyses, if requested, will be conducted at a later phase and under a separate scope of work.
- ESA will be provided with a final version of the literature review developed by State Parks prior to completion and delivery of the draft memo.
- This scope does not include additional literature review regarding the potential impacts of lighting on nocturnal bird species.