COMMUNITY WILDLIFE CONNECTION

2024 Annual Report

CAMERA MONITORING

Camera Locations

Six monitoring areas were selected by the City of Wilsonville and communicated to Samara Group at the start of the project. Prior to monitoring, each location was investigated for ideal camera locations that took into account viewshed, presence of an existing game trail, and likelihood of vandalism or theft. After these locations were identified, we began installing cameras on August 17, 2023. Below is a detailed account of the necessary adjustments to camera locations since their original installment:

- Due to high human activity and challenges with finding an optimal location for wildlife activity, the camera located at Memorial Park has been installed at 6 different locations since August 26, 2023. It has been at its current location since March 16, 2024, successfully capturing wildlife activity.
- In addition to its impact on wildlife activity in the area, ongoing construction and associated tree and vegetation removal around the Boeckman "Dip" has caused challenges with continuous camera monitoring. On October 23 and 30, 2023, the camera was moved by construction crew working in the area and the camera stopped taking photos. To avoid further disturbance, we moved the camera up to a nearby hill on December 5, 2023. The camera was adjusted again on or shortly after February 14, 2024 by construction crew, making it impossible to capture wildlife activity and we re-adjusted the camera on March 16, 2024 so that it could continue monitoring. On March 26, 2024, plastic barrier fencing was installed directly in front of the camera, so we chose to move the camera again on March 27, 2024, just north of the fencing.
- Due to challenges with capturing wildlife activity, the camera at Boeckman Creek Primary was moved twice before installing it at its current location on October 8, 2023.
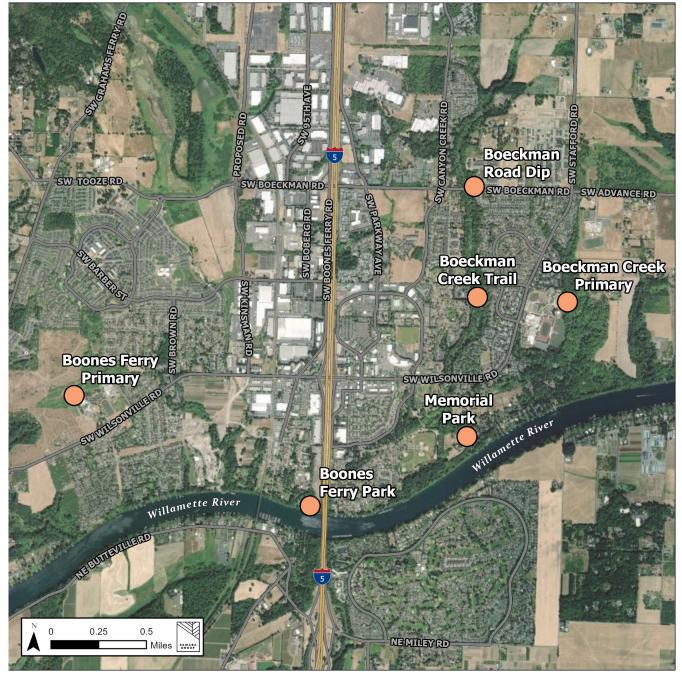

Raccoon at Boeckman "Dip".

Coyote at Boones Ferry Primary.

Monitoring Summary

We have documented 1,210 instances of wildlife activity from at least 14 different species, including bobcat, gray fox, river otter, beaver, skunk, and coyote. These data represent camera monitoring through June 27, 2024.

- Boones Ferry Primary: 249 instances of wildlife activity from at least 7 different species.
- Boones Ferry Park: 87 instances of wildlife activity from at least 8 different species.
- Memorial Park: 100 instances of wildlife activity from at least 10 different species.
- Boeckman Creek Trail: 352 instances of wildlife activity from at least 10 different species.
- Boeckman Creek "Dip": 256 instances of wildlife activity from at least 10 different species.
- Boeckman Creek Primary: 166 instances of wildlife activity from at least 7 different species.

Map showing the locations of the 6 active cameras under the Community Wildlife Connection project: Boones Ferry Primary, Boones Ferry Park, Memorial Park, Boeckman Creek Trail, Boeckman Road "Dip", and Boeckman Creek Primary.

Bobcat at Boones Ferry Primary.

Rabbit at Boones Ferry Park.

River otter at Memorial Park.

Columbian black-tailed deer at Boeckman Creek Primary.

Raccoon at Boeckman "Dip".

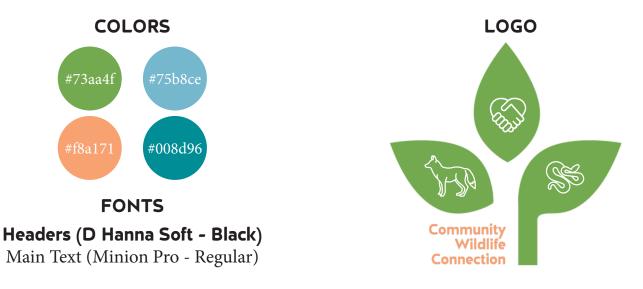*Townsend's chipmunk at Boeckman Creek Trail.*

COMMUNITY MEMBER ENGAGEMENT

To support learning, research, and partnerships for students and faculty at local K-12 schools, Samara Group has shared photo datasets collected from Boones Ferry Primary and Boeckman Creek Primary with Amy Schauer, former Director & Science Instructional Coordinator at the Center for Research in Environmental Sciences and Technologies (CREST). Before sharing these photos, all human and dog activities are removed to ensure privacy. Shared photos can be downloaded from [this Google Drive folder](). Going forward, all photo datasets collected from Boones Ferry Primary and Boeckman Creek Primary will be shared with the school district contacts that Amy provided to us (Helena Kilstrom and Danielle Schroeder).

To increase awareness about this project and engage interested members of the community, Samara Group developed a narrative for the city's website that details the "Past, Present, and Future" of wildlife monitoring in Wilsonville, including remote camera monitoring and sand tracking. Additionally, Samara Group shared representative wildlife photos collected at the 6 monitoring locations that can be used to create a summary slideshow for the City of Wilsonville's website. Samara Group has also contributed to discussions related to the best platform and distribution plan for sharing monitoring images and data with community members interested in the diversity and abundance of Wilsonville's wildlife.

Project Logo & Style Guide

To enhance engagement materials created under this project, Samara Group developed a project logo and style guide, designed to complement the look and feel of the current City of Wilsonville branding. A first draft was shared with the City of Wilsonville and finalization is pending feedback.

COLORS

#73aa4f #75b8ce

#f8a171 #008d96

FONTS

Headers (D Hanna Soft - Black)
Main Text (Minion Pro - Regular)

LOGO

Community Wildlife Connection

NEXT STEPS

Over the next year, Samara Group will develop an informative handout about the Community Wildlife Connection project and provide updated wildlife photos to add to the summary slideshow on the City of Wilsonville's website. Additionally, Samara Group will finalize the project's logo and style guide.

With our next and final annual report (2025), we will also provide detailed documentation of the steps required to maintain the wildlife monitoring cameras and best practices for photo data management. This documentation will provide enough detail so that any future project lead will be able to continue the established monitoring, data management, and data sharing protocols.