

Mad River Properties Inc.
Forestry and Environmental Services
(707) 496-0054

May 25, 2022

County of Humboldt
Planning and Building Department
Cannabis Services Division
3015 H Street Eureka CA 95501

RE: New Earth Farms, Michael Bobillot
Permit Application No. 17225, APN: 524-072-010

This document provides a Northern Spotted Owl (NSO) habitat assessment after the Knob Fire (2021) burned ~2,421 acres surrounding the New Earth Farms cannabis project (APN: 524-072-010) to the south of Willow Creek, Ca. There were three known NSO Activity Centers (AC)(HUM049, HUM1059, HUM0050) within 1.3 miles of the project area. Two of the three NSO Activity Centers (HUM0049 and HUM1059) were located on the edge of the fire perimeter and as a result may no longer be considered NSO habitat (see attached Knob Fire perimeter map). One NSO AC (HUM0050) was located outside of the Knob Fire footprint and should still be treated as an AC. Since there is still at least one NSO AC within 1.3 miles and NSO habitat located to the south of the New Earth Farms Parcel, NSO surveys are still recommend prior to ground breaking construction relating to cannabis cultivation on APN: 524-072-010. Since there is still potential habitat to the south of the site and HUM050 was not burned during the Knob Fire NSO surveys for NSO are still recommended. Additionally, NSO that were documented in 2020 and in 2021 at HUM1059 may have relocated to a new AC within the area as a result of the Knob Fire.

The on-going Willow Creek Northern Spotted Owl Demographic study has been surveying from the early 1990s through 2022. There were five sites being monitoring by the Willow Creek Demographic study (China (HUM049), Schoo (HUM1059), Brush (HUM086), Fourm (HUM050) and Panth (HUM0325)) in the area surrounding the New Earth Farm project (See attached Willow Creek NSO survey map). As of the end of the 2021 NSO survey season, of the five NSO sites in the area, Schoo (HUM1059) is the only site that has been documented to be occupied by NSO since 2017. In 2017, 2018, 2019 and 2020 HUM1059 was occupied by a non-nesting NSO pair. NSO were not detected at HUM1059 in 2021. Additionally, a female NSO was detected near point WC 64 while surveying the FOURM site (HU050) on 6/15/20.

There were no additional NSO detections during follow-up surveys and the Willow Creek Demographic study attributed the NSO detection on 6/15/20 to the female from the Schoo site (HU1059). No additional NSO were detected outside of the historic sites in 2021. No additional surveys are recommended at this time.

Please see attachments as follows:

- Knob Fire (2021) perimeter map
- NSO Activity Center map
- Willow Creek NSO survey map

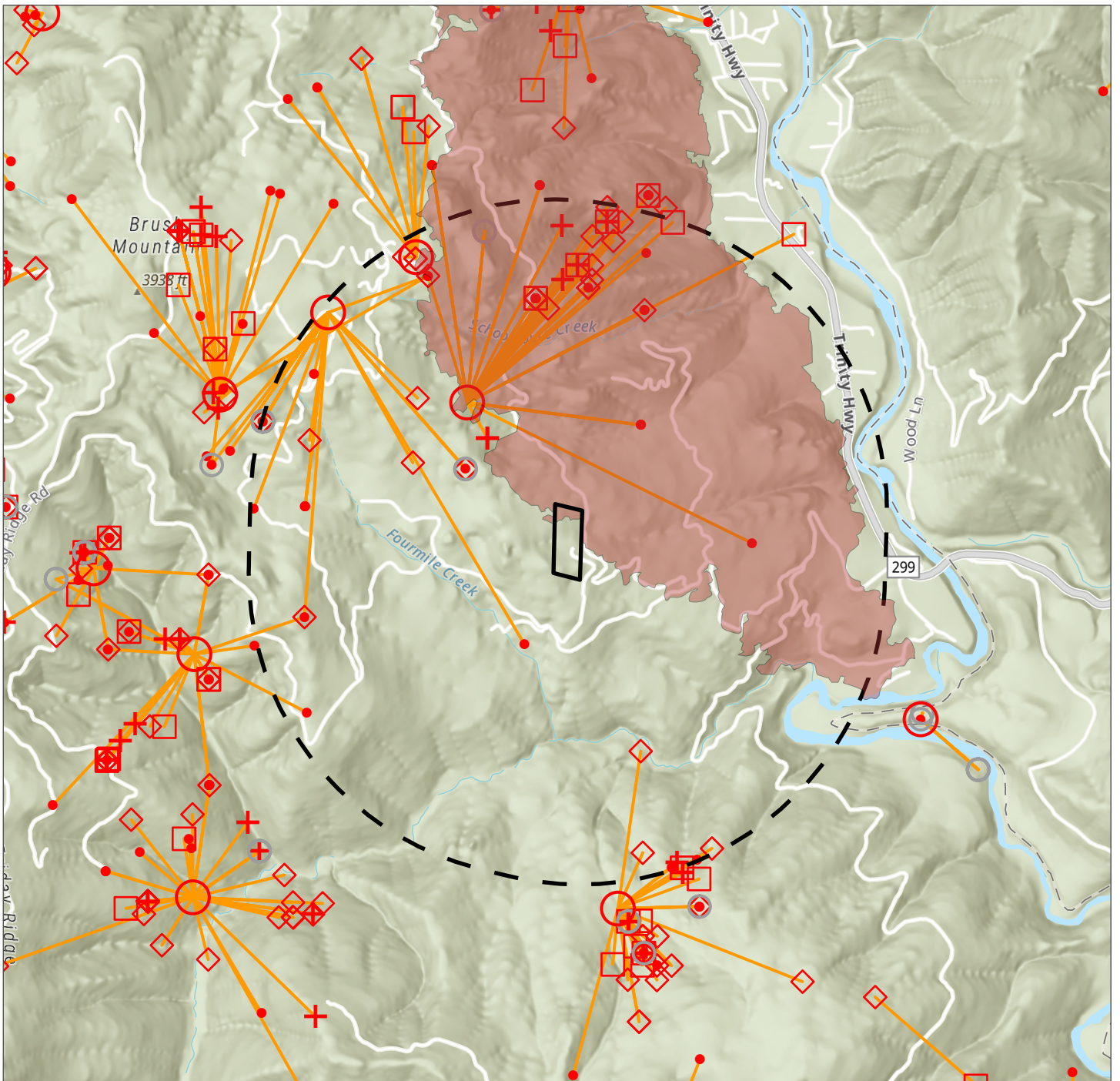
Please let me know if you have any questions or concerns.

Sincerely,








Corrina Kamoroff






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Ckamoroff@hohmanandassociates.com

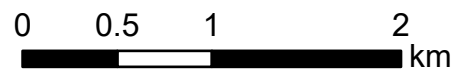


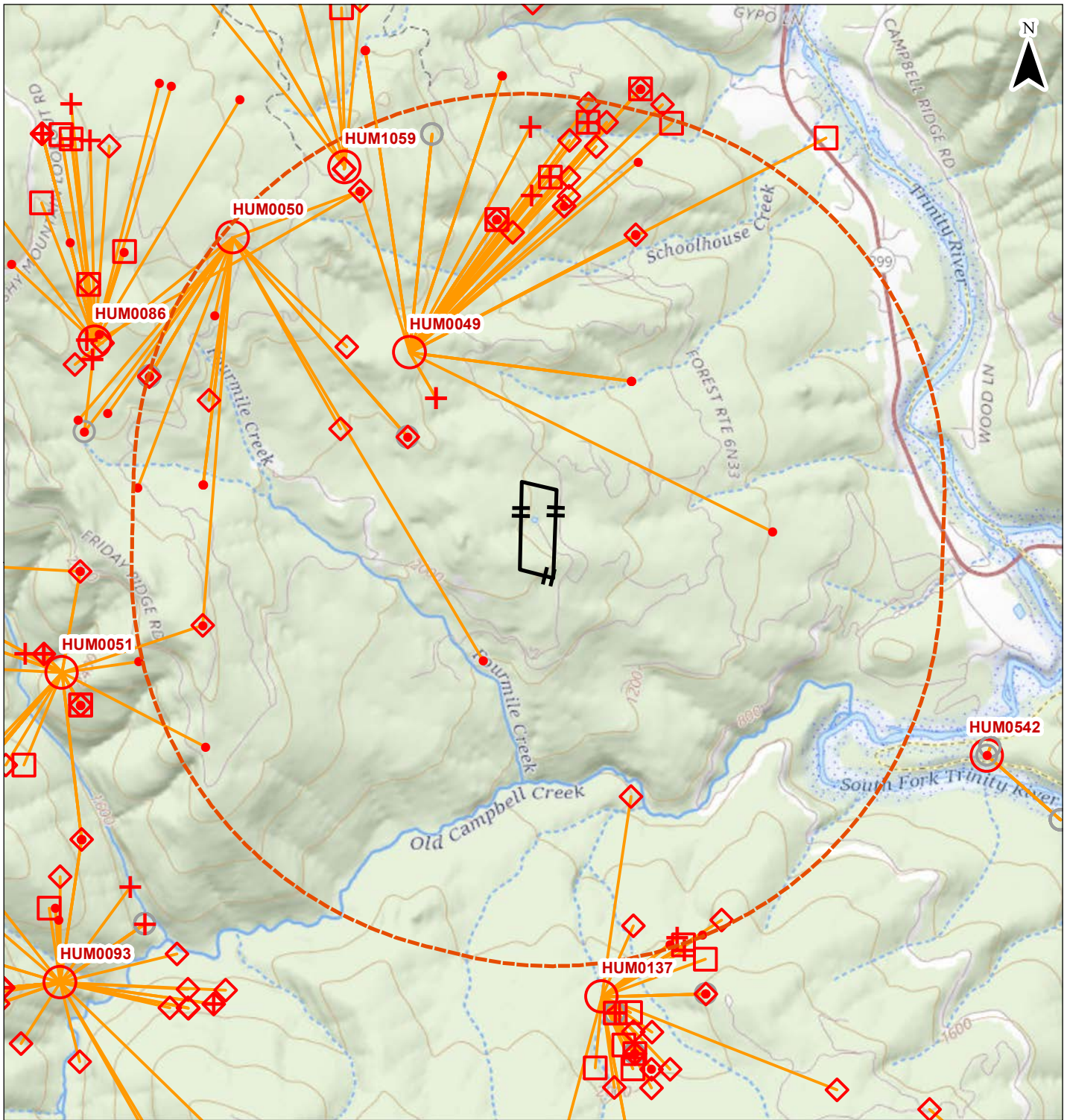
Staton Road Cannabis Project
NSO Fire Map

Section 17, T6N, R5E,
Humboldt County, HB&M;
Willow Creek USGS 7.5' Quad

-  Parcel Boundary
-  Knob Fire 2022 Perimeter
-  NSO 1.3 mile Buffer
-  Nest
-  Young










-  Pair
-  Other Positive Observation
-  Negative Observation
-  Activity Center
-  Spotted Owl Spider Diagram





Staton Road
 APN: 524-072-010

Section 17; T6N; R5E; HB&M; Humboldt
 County
 Located on the Willow Creek 7.5' USGS
 Quadrangle

-  Parcel Boundary
-  1.3 mi BAA
-  Nest
-  Young
-  Pair
-  Other Positive Observation
-  Negative Observation
-  Activity Center
-  Spotted Owl Spider Diagram



