

Memorandum

To: Cody Kelsey, Senior Environmental Scientist

From: Adona White, PE, Water Resource Control

Engineer Document date: May 8, 2023, updated on
June 15, 2023

Subject: Drive-by Inspection of Humboldt County APN 404-051-036

Summary: On May 5, 2023, between ~16:44 – 16:56, I conducted a drive-by inspection of 5032 Greenwood Heights with pig farming that is resulting in potential health and safety issues for our neighborhood due to waste runoff from Property. During the inspection, light rain was beginning.

Based on my observations, runoff from the Property carries waste from a fenced enclosure, crosses other parcels and runs along the public roadway. Offensive odors were obvious from Greenwood Heights Road, creating unpleasant and likely impactful conditions for the neighborhood.

From the roadway, I was unable to determine if the runoff reaches a stream or wetlands.

I recommend further evaluation the pig farming operation for resulting impacts to waters of the state and creation of nuisance conditions to the neighborhood.



Figure 1. Property location map. The Property associated with 5032 Greenwood Heights has an Assessor's Parcel Number of Humboldt County 404-051-036 and is owned by Elizabeth N. Olsen.

May 5, 2023 Inspection Summary
HUM APN 404-051-036

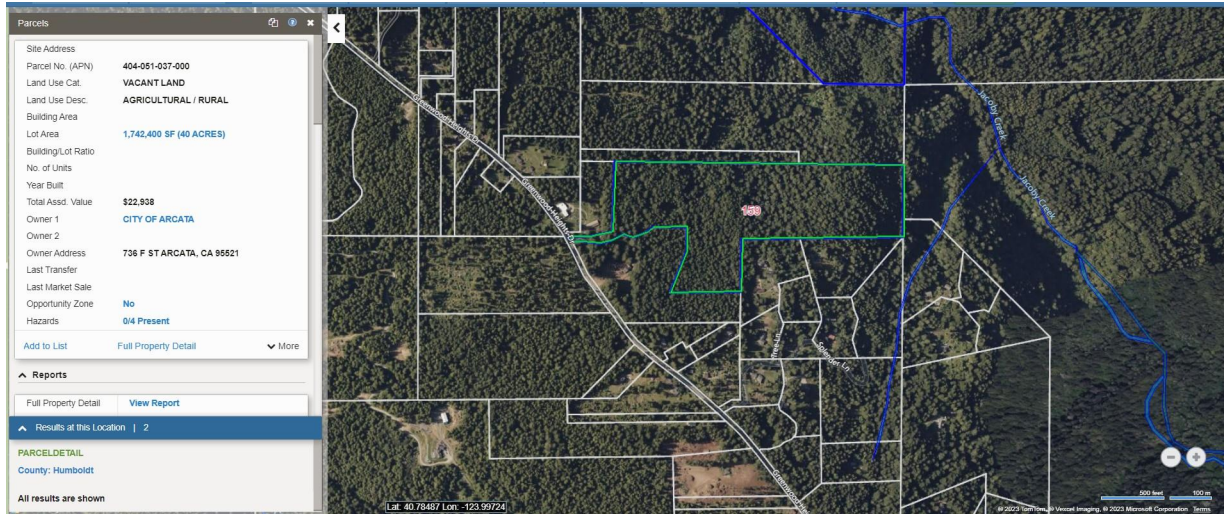


Figure 2. The adjacent parcel, APN 404-051-037 is owned by the City of Arcata and adjoins numerous parcels associated with the Jacoby Creek Community Forest.



Figure 3. LiDAR with contours. The Property is located on the ridge between Freshwater Creek and Jacoby Creek.



Figure 4. Driveway and mailbox associated with 5032 Greenwood Heights Road. The Property is on east side of roadway (photo looking approximately north).



Figure 5. Driveway and mailbox.



Figure 6. Photo of enclosure used by pigs. Driveway is on right of photo. There are two levels in the enclosure, both with accumulated waste. Around the house area is also cleared and appeared to be used by pigs also.



Figure 7. View of enclosure and house.



Figure 8. Three pigs were visible in the roadside enclosure. Offensive odors were obvious to me from the roadway.



Figure 9. Waste runoff from the enclosure leaves the area and runs down the inside ditch of Greenwood Heights Road and down a hillslope to a logging road.



Figure 10. Picture of polluted runoff seeping from enclosure.



Figure 11. Waste runoff is visible in the inside ditch downslope (north) of the Property.



Figure 12. Waste deposits are visible along the eastern road edge.



Figure 13. At the northern boundary of the parcel, the Property adjoins a logging road. Runoff crossing the logging road at Greenwood Heights Road.

May 5, 2023 Inspection Summary
HUM APN 404-051-036



Figure 14. At the intersection of the logging road with Greenwood Heights Road, a sign is posted associated with a Non-industrial Timber Management Plan (NTMP).

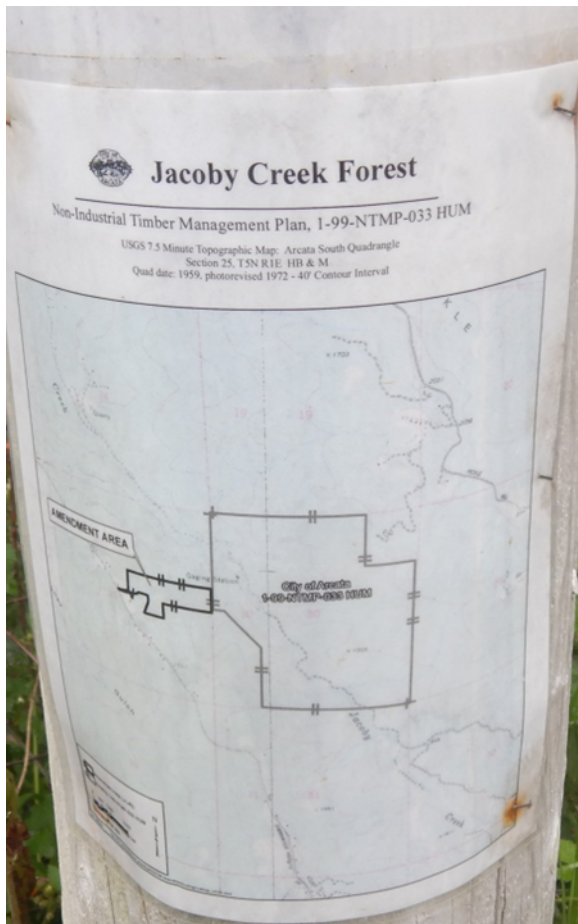


Figure 15. CIWQS includes a regulatory measure record associated with NTMP 1-99-NTMP-033 HUM for the City of Arcata, with enrollment under the Timber GWDR R1-2013- 0005 and WDID number 1B199NTMP033HUM.



Figure 16. Runoff from the pigs crosses the logging road as evidenced by deposits on the gravels and green algae growth.



Figure 17. Runoff from the pig comes down a grassy slope onto the logging road.



Figure 18. Pooled green muck on logging road.



Figure 19. Muck crossing logging road



Figure 20. Muck leaving logging road to next property north.



Figure 21. Muck on outside edge of logging road.



Figure 22. The logging road at Greenwood Heights.



Figure 23. Pig-waste muck from the ditch and the logging road runs to Greenwood Heights Road.



Figure 24. Runoff goes down the inside ditch of Greenwood Heights and deposition is evident.

May 5, 2023 Inspection Summary
HUM APN 404-051-036



Figure 25. Deposits on driveway associated with APN 404- 051-007.



Figure 26. A runoff pathway and deposits continue down the roadway.



Figure 27. Ditch.

May 5, 2023 Inspection Summary
HUM APN 404-051-036



Figure 28. Ditch.



Figure 29. Ditch.



Figure 30. The ditch goes under the next driveway associated with 4906 Greenwood Heights (APN 404-061- 004).