

From: [Philip Milburn](#)
To: [Patrick Ewing](#)
Cc: [Nigel E Seidel](#)
Subject: RE: OR-003 (SL02674B) 500" GT Eco-Site @ Stoddart Property
Date: Wednesday, February 13, 2019 7:31:16 AM
Attachments: [660-013-0115 Sage Grouse \(copied 2-11-19\).docx](#)
[OAR Div 140.doc](#)

Mr. Ewing,

Thank you for contacting me about the proposed cell tower on Tax Lot 200 30S38E. The Department of Land Conservation and Development's (DLCD) OAR 660-023-0115 defines criteria for siting development projects in sage grouse habitat, outlines the mitigation hierarchy (avoidance, minimization, and mitigation), and highlights the Department's Sage-grouse Mitigation Policy (OAR 635-140-0000 through 0025) as they apply in the review and approval of proposed developments in potential sage-grouse habitat. In accordance with OAR 660-023-0115(3)(i) and (7), the project would qualify as a large scale development, is located in designated low density area for sage-grouse, and has assumed indirect impacts that extend into core area. For your convenience I have attached copies of the rules including the definitions. The complete rules can be found here <https://sos.oregon.gov/Pages/index.aspx>

To identify the appropriate level of mitigation, the Department will use a habitat quantification tool (HQT) to determine the loss of functional sage-grouse habitat that will result from direct and indirect project impacts. Mitigation for direct project impacts will be calculated from the loss of functional habitat within the project footprint area. Indirect impacts result from sage-grouse avoidance of habitat adjacent to the tower and reduced sage-grouse nest and brood rearing success from avian predators perching and nesting on the tower. Mitigation for indirect project impacts will be assessed within two buffered distances. The first buffer starts at the project footprint edge and extends out to 0.6km with a weighting of 80% loss of functional habitat nearest to the project that linearly decays to 3% at the outer edge of the buffer. The second buffer starts at 0.6km and extends out to 10km with a 3% loss of functional habitat nearest to the project that linearly decays to 0% at the outer edge of the buffer.

If you can provide a GIS shapefile of the project footprint we will run a preliminary mitigation calculation for the project using remotely sensed data to provide a maximum mitigation scenario. The final mitigation calculation will require actual ground verified vegetation data.

I hope you find this information useful. Please contact me if you have other questions or would like us to run the preliminary mitigation calculation. If you have questions about the Department's Sage-grouse Mitigation Program or mitigation calculation feel free to contact our Sage-grouse Mitigation Coordinator at 503-947-6074.

Philip Milburn
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From: Patrick Ewing [mailto:pewing@velocitel.com]
Sent: Monday, January 28, 2019 11:20 AM
To: philip.j.milburn@state.or.us
Subject: OR-003 (SL02674B) 500' GT Eco-Site @ Stoddart Property

Good morning:

As discussed, the attached .pdf is a review set of zoning drawings. Requested alterations to these, which will bring them into compliance with elements required by Malheur County, will not alter the general story here.

Constructing a 500' guyed tower on tax lot #200 30S38E. Fenced area intended to be 80'x80' with additional footprint for guy wire anchor points (6 @ ~10'x10'). Map shots were pulled from the siting tool:

I will educate myself a bit with OAR 635-149

Thanks for looking at the details.

Patrick Ewing
503-319-1137