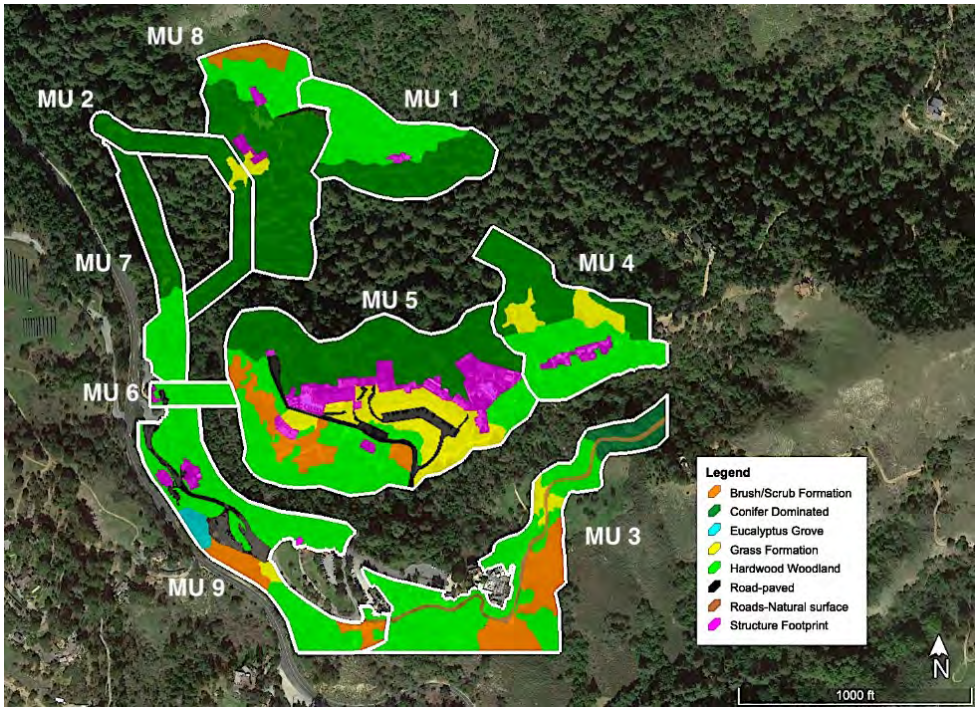
ATTACHMENT F

Fuel Model Distributions and Acreage Summaries for Individual Management Units



Above, is a composite map of the nine MUs comprising the Alila Ventana Big Sur fuels treatment area, showing the fuel models addressed in the analysis. Following are larger scale maps of the individual MUs that include:

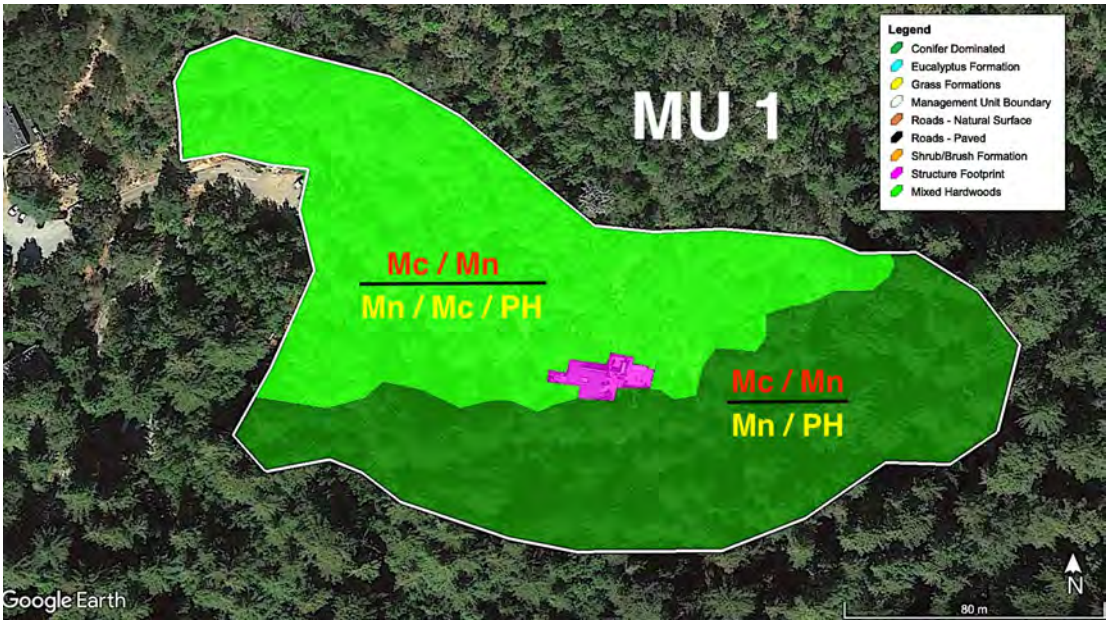
- For each vegetation-related Fuel Model Category (FMC) mapped, a listing of the Treatment Activities (TA) that could reasonably be implemented (based on localized setting conditions) in order to achieve the desired fuels modification;
- Occupied surface area, in acres, for each FMC;
- The TA set lists for each occurrence of FMC that are 1(color-coded (red for those proposed for use in the Initial Treatment Phase (ITP) and yellow for those in the Maintenance Phase (MP), and, 2) arranged in an over/under format, see to the right, where the codes above the line are those used in the ITP and those below, the MP, and;
- The maximum ("up-to") acreage of implementation for each of the TAs.

Mn; Mc

Mn; Mc; PH

The "up-to" a maximum acreage approach is necessary in this case because there will be significant overlap of TA type use (i.e. the same piece of ground will most likely be treated first with one type of TA and, then, by a second TA type). For example, a typical sequence of treatment involves 1) use of manual methods for removing smaller diameter ladder fuels and limbs from the tree boles, 2) laying the cut material on the surface, where 3) they are reduced in a mastication that is primarily designed to address heavier materials.

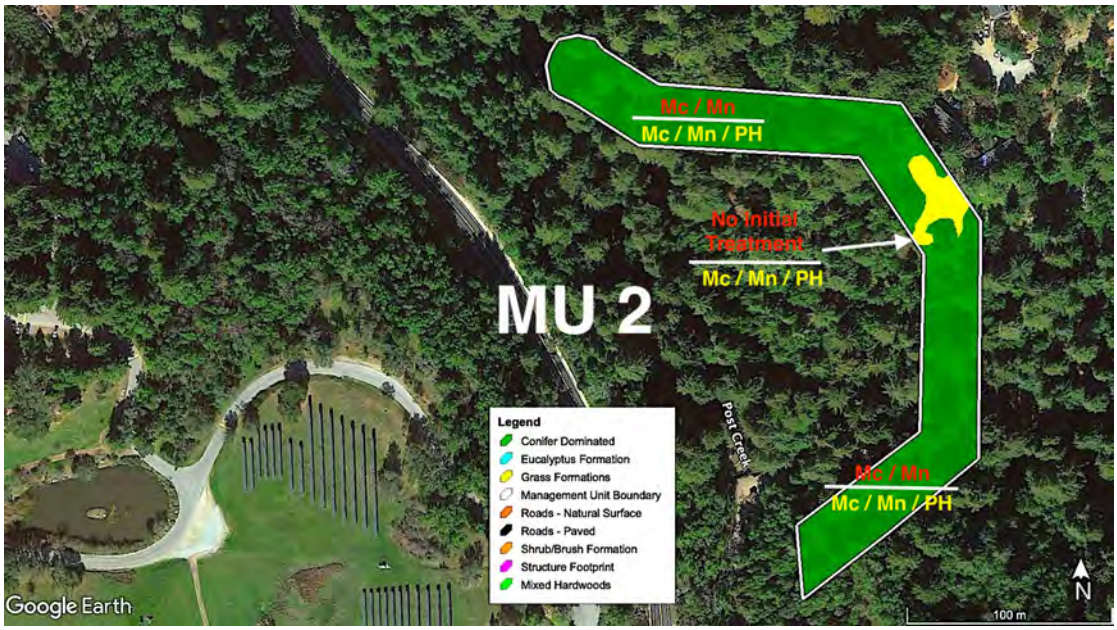
MANAGEMENT UNIT 1



Management Unit (MU) 1				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	0.00	No involved CNPS Alliances	NTA	NTA
Structure Footprint	0.07	No involved CNPS Alliances	NTA	NTA
Grass Formations	0.00	No involved CNPS Alliances	NTA	NTA
Shrub/Brush Formations	0.00	No involved CNPS Alliances	NTA	NTA
Mixed Hardwoods	2.61	Coast Live Oak Woodland and Forest	Mc: 2.61 Mn: 2.61	Mn: 2.61 Mc: 2.61 PH: 2.61
Conifer-Dominated	2.95	Coast Redwood Forest and Woodland	Mc: 2.95 Mn: 2.95	Mn: 2.95 PH: 2.95
MU Acreage Total	5.63			

TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

MANAGEMENT UNIT 2

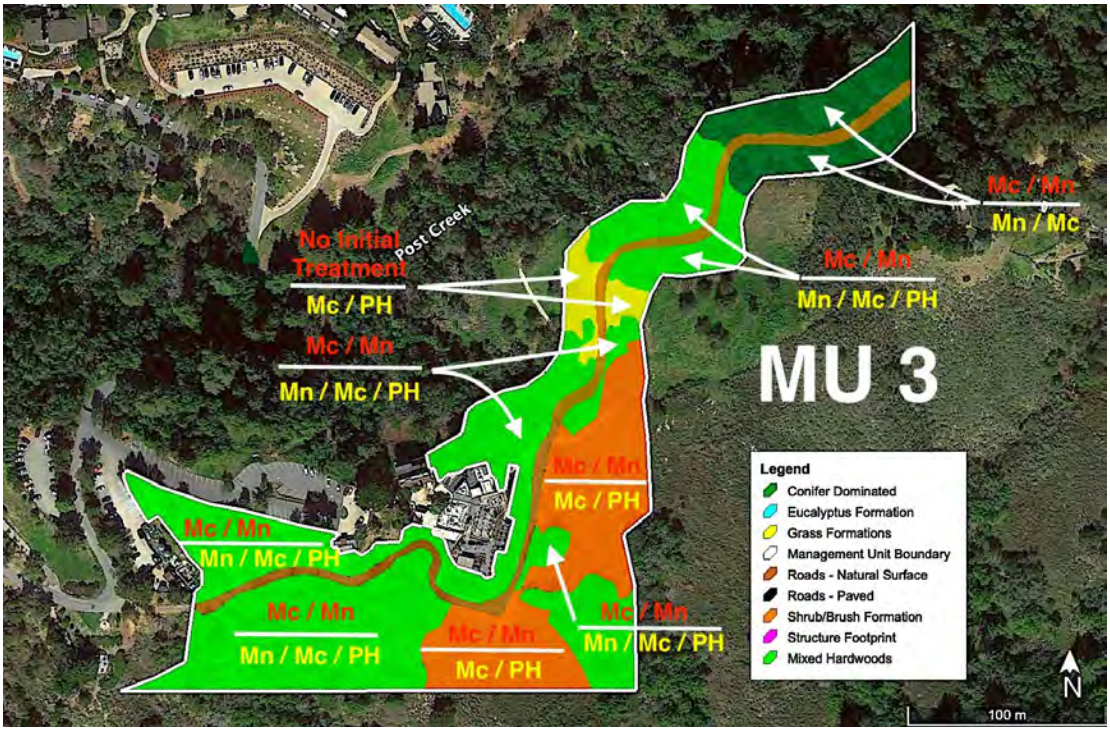


Management Unit (MU) 2				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	0.00	No involved CNPS Alliances	NTA	NTA
Structure Footprint	0.00	No involved CNPS Alliances	NTA	NTA
Grass Formations	0.16	No involved CNPS Alliances	No Initial Treatments	Mc: 0.16 Mn: 0.16 PH: 0.16
Shrub/Brush Formations	0.00	No involved CNPS Alliances	NTA	NTA
Mixed Hardwoods	0.00	Coast Live Oak Woodland and Forest	NTA	NTA
Conifer-Dominated	2.90	Coast Redwood Forest and Woodland	Mc: 2.90 Mn: 2.90	Mc: 2.90 Mn: 2.90 PH: 2.90
MU2 Acreage Total	3.06			

TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

This MU is a Special Management Situation (SMS) where the treatments must fulfill the requirements for maintaining clearances around the electrical facilities as well as addressing the fuels management objectives.

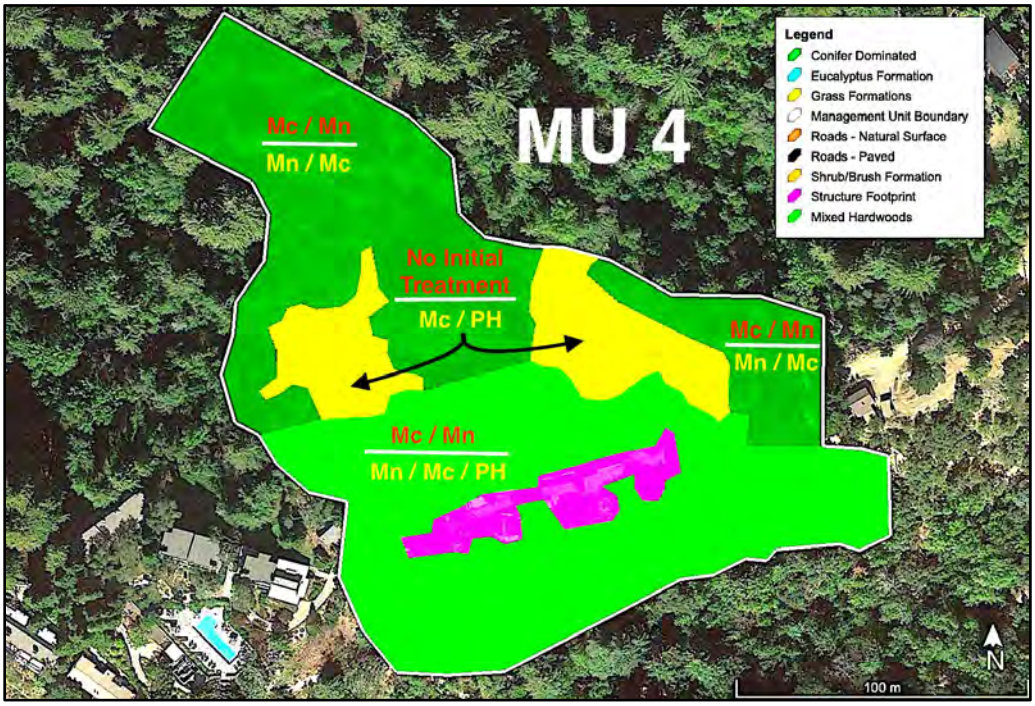
MANAGEMENT UNIT 3



Management Unit (MU) 3				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	0.70	No involved CNPS Alliances	NTA	NTA
Structure Footprint	0.00	No involved CNPS Alliances	NTA	NTA
Grass Formations	0.34	No involved CNPS Alliances	No Initial Treatments	Mc: 0.34 PH: 0.34
Shrub/Brush Formations	1.86	Cystius scoparius-Genista monspessulana-Cotoneaster spp. Shrubland Semi-Natural Alliance (not considered 'Sensitive')	Mc: 1.86 Mn: 1.86	Mc: 1.86 PH: 1.86
Mixed Hardwoods	5.03	Coast Live Oak Woodland and Forest	Mc: 5.03 Mn: 5.03	Mc: 5.03 Mn: 5.03 PH: 5.03
Conifer-Dominated	1.10	Coast Redwood Forest and Woodland	Mc: 1.10 Mn: 1.10	Mc: 1.10 Mn: 1.10 PH: 1.10
MU Acreage Total	8.64			

TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

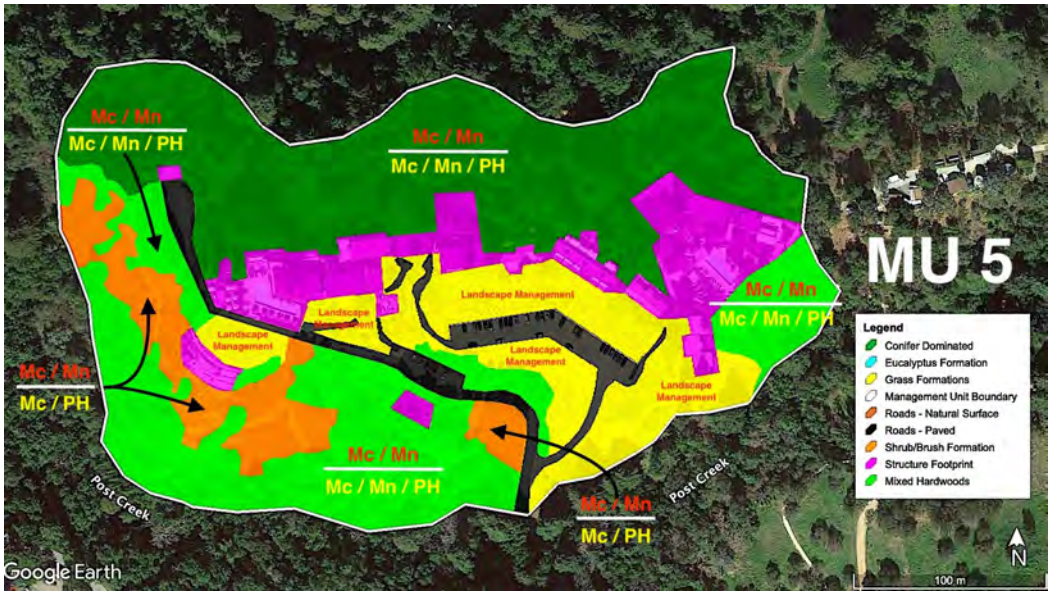
MANAGEMENT UNIT 4



Management Unit (MU) 4				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	0.00	No involved CNPS Alliances	NTA	NTA
Structure Footprint	0.34	No involved CNPS Alliances	NTA	NTA
Grass Formations	0.88	No involved CNPS Alliances	No Initial Treatments	Mc: 0.88 PH: 0.88
Shrub/Brush Formations	0.00	No involved CNPS Alliances	NTA	NTA
Mixed Hardwoods	2.99	Coast Live Oak Woodland and Forest	Mc: 2.99 Mn: 2.99	Mc: 2.99 Mn: 2.99 PH: 2.99
Conifer-Dominated	2.70	Coast Redwood Forest and Woodland	Mc: 2.70 Mn: 2.70	Mc: 2.70 Mn: 2.70 PH: 2.70
Total MU Acreage	6.91			

TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

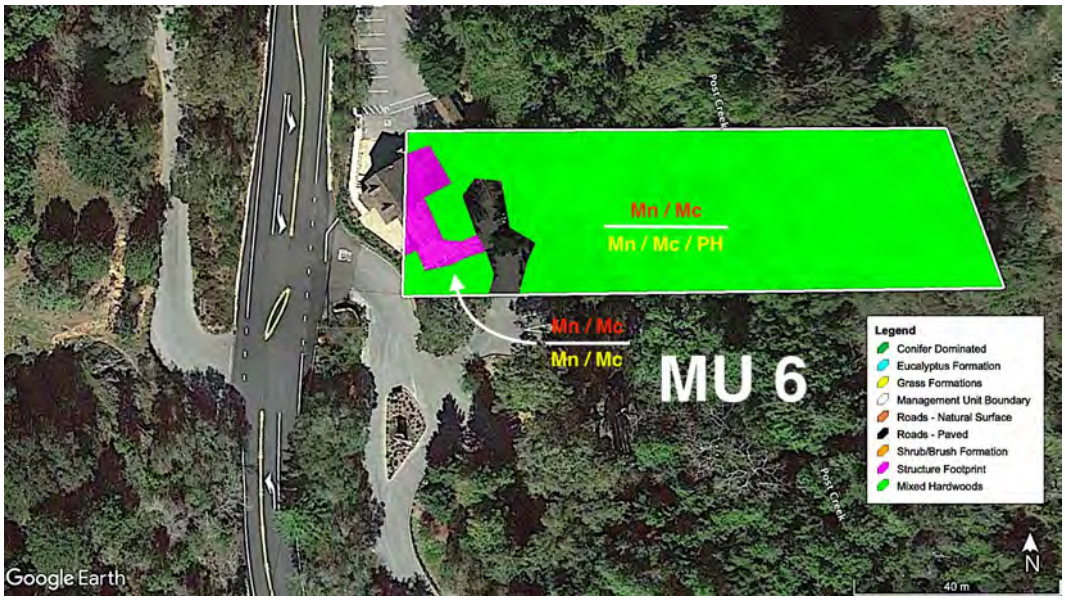
MANAGEMENT UNIT 5



Management Unit (MU) 5				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	1.08	No involved CNPS Alliances	NTA	NTA
Structure Footprint	2.48	No involved CNPS Alliances	NTA	NTA
Grass Formations	2.64	No involved CNPS Alliances	No Initial Treatments	Mc: 2.64 Mn: 2.64 PH: 2.64
Shrub/Brush Formations	1.47	No involved CNPS Alliances	Mc: 1.47 Mn: 1.47	Mc: 1.47 PH: 1.47
Mixed Hardwoods	4.47	Coast Live Oak Woodland and Forest	Mc: 4.47 Mn: 4.47	Mc: 4.47 Mn: 4.47 PH: 4.47
Conifer-Dominated	6.00	Coast Redwood Forest and Woodland	Mc: 6.00 Mn: 6.00	Mc: 6.00 Mn: 6.00 PH: 6.00
Total MU Acreage	18.14			

TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

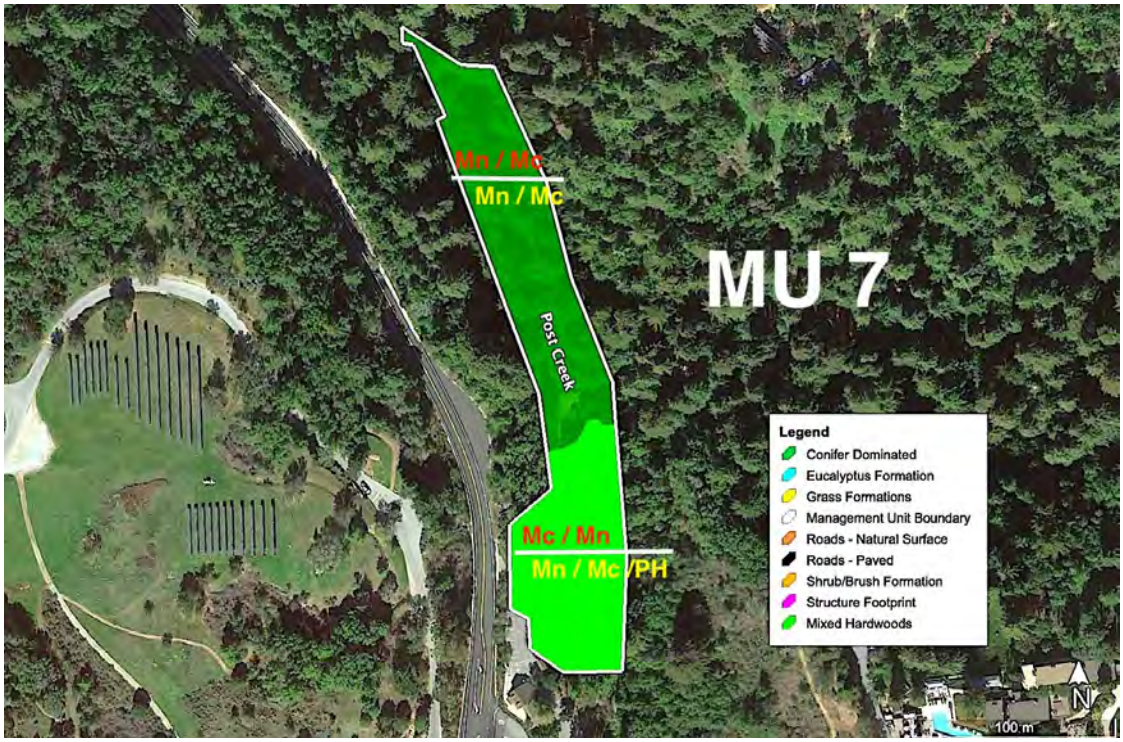
MANAGEMENT UNIT 6



Management Unit (MU) 6				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	0.04	No involved CNPS Alliances	NTA	NTA
Structure Footprint	0.04	No involved CNPS Alliances	NTA	NTA
Grass Formations	0.00	No involved CNPS Alliances	NTA	NTA
Shrub/Brush Formations	0.00	No involved CNPS Alliances	NTA	NTA
Mixed Hardwoods	0.79	Coast Live Oak Woodland and Forest	Mc: 0.79 Mn: 0.79	Mc: 0.79 Mn: 0.79 PH: 0.79
Conifer-Dominated	0.00	Coast Redwood Forest and Woodland	NTA	NTA
MU Acreage Total	0.87			

TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

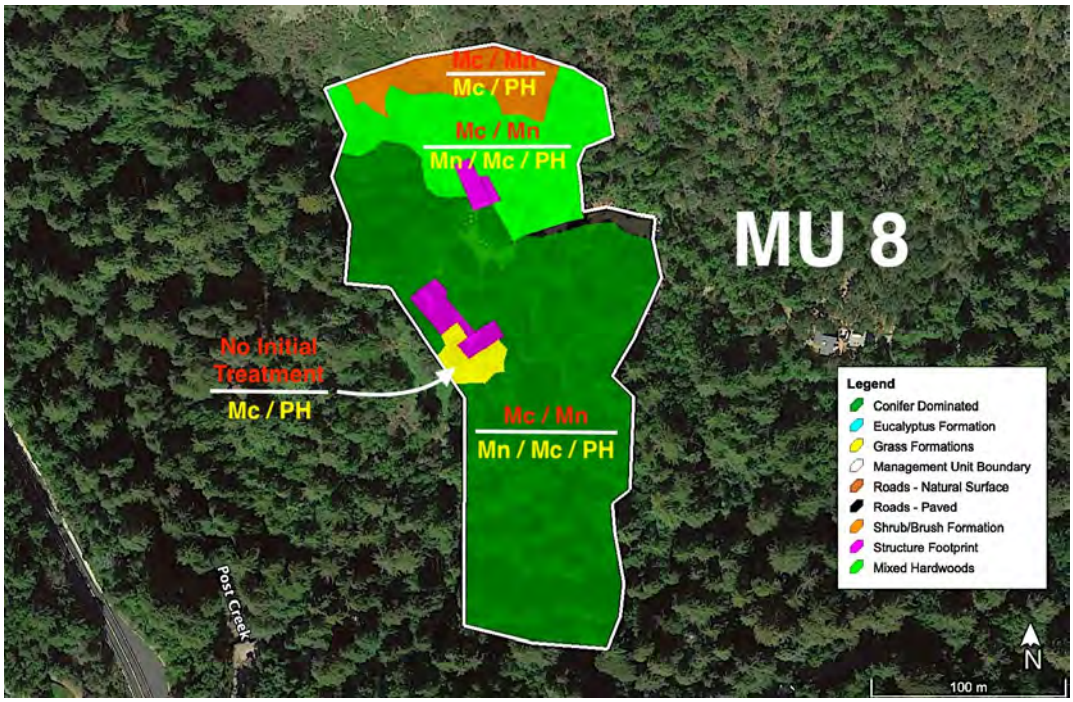
MANAGEMENT UNIT 7



Management Unit (MU) 7				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	0.00	No involved CNPS Alliances	NTA	NTA
Structure Footprint	0.00	No involved CNPS Alliances	NTA	NTA
Grass Formations	0.00	No involved CNPS Alliances	NTA	NTA
Shrub/Brush Formations	0.00	No involved CNPS Alliances	NTA	NTA
Mixed Hardwoods	1.33	Coast Live Oak Woodland and Forest	Mc: 1.33 Mn: 1.33	Mc: 1.33 Mn: 1.33 PH: 1.33
Conifer-Dominated	1.76	Coast Redwood Forest and Woodland	Mc: 1.76 Mn: 1.76	Mc: 1.76 Mn: 1.76
MU Acreage Total	3.09			

TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

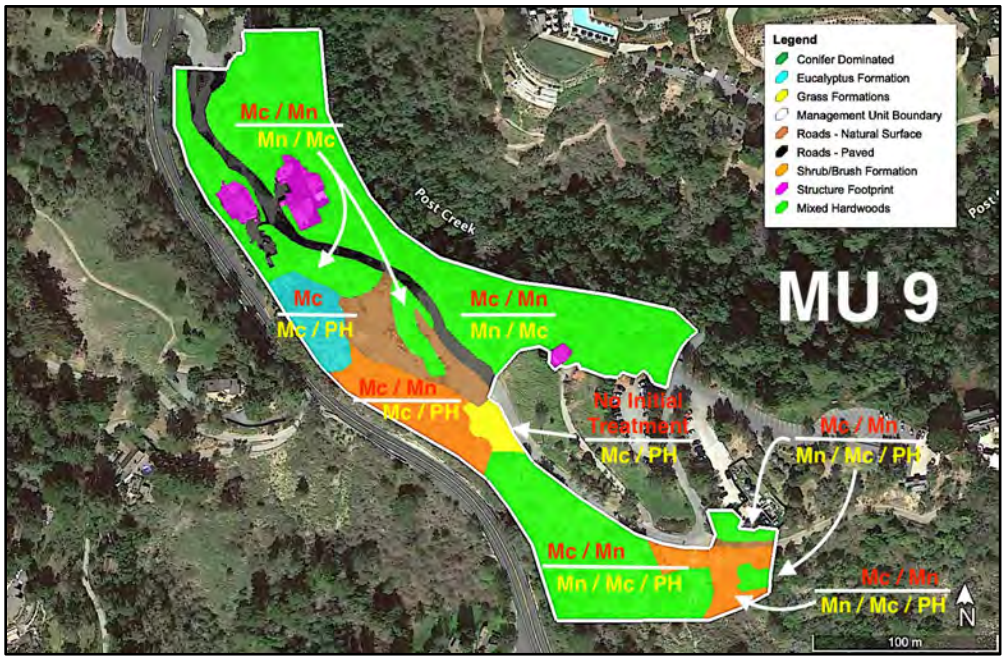
MANAGEMENT UNIT 8



Management Unit (MU) 8				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	0.11	No involved CNPS Alliances	NTA	NTA
Structure Footprint	0.24	No involved CNPS Alliances	NTA	NTA
Grass Formations	0.15	No involved CNPS Alliances	No Initial Treatment	Mc: 0.15 PH: 0.15
Shrub/Brush Formations	0.58	No involved CNPS Alliances	Mc: 0.58 Mn: 0.58	Mc: 0.58 PH: 0.58
Mixed Hardwoods	1.53	Coast Live Oak Woodland and Forest	Mc: 1.53 Mn: 1.53	Mc: 1.53 Mn: 1.53 PH: 1.53
Conifer-Dominated	5.35	Coast Redwood Forest and Woodland	Mc: 5.35 Mn: 5.35	Mc: 5.35 Mn: 5.35 PH: 5.35
MU Acreage Total	7.96			

TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

MANAGEMENT UNIT 9

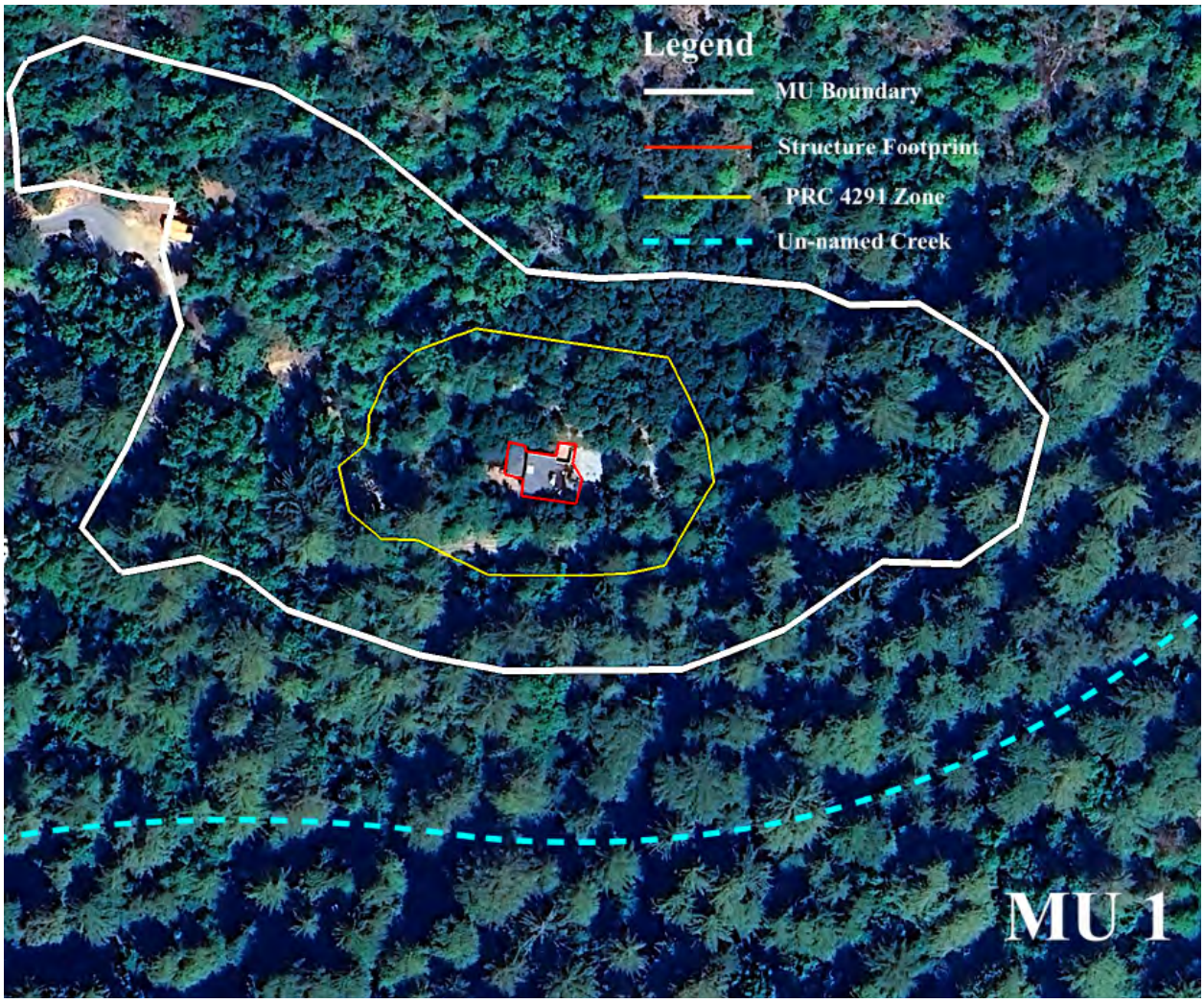


Management Unit (MU) 9				
Fuel Model Category	Occupied Surface Area (ac.)	Associated CNPS Alliances	Maximum Acreages of TAs Implemented	
			Initial Treatment Phase (ac.)	Maintenance Phase
Non-flammable Surface (Roads: Paved and Natural Surface	0.91	No involved CNPS Alliances	NTA	NTA
Structure Footprint	0.31	No involved CNPS Alliances	NTA	NTA
Grass Formations	0.14	No involved CNPS Alliances	No Initial Treatment	Mc: 0.14 PH: 0.14
Shrub/Brush Formations	0.86	No involved CNPS Alliances	Mc: 0.86 Mn: 0.86	Mn: 0.86 Mc: 0.86 PH: 0.86
Mixed Hardwoods	5.10	Coast Live Oak Woodland and Forest	Mc: 5.10 Mn: 5.10	Mc: 5.10 Mn: 5.10 PH: 5.10
Conifer-Dominated	0.00	Coast Redwood Forest and Woodland	NTA	NTA
Eucalyptus Formation	0.34	No involved CNPS Alliances	Mc: 0.34	Mc: 0.34 PH: 0.34
MU Total Acreage	7.66			

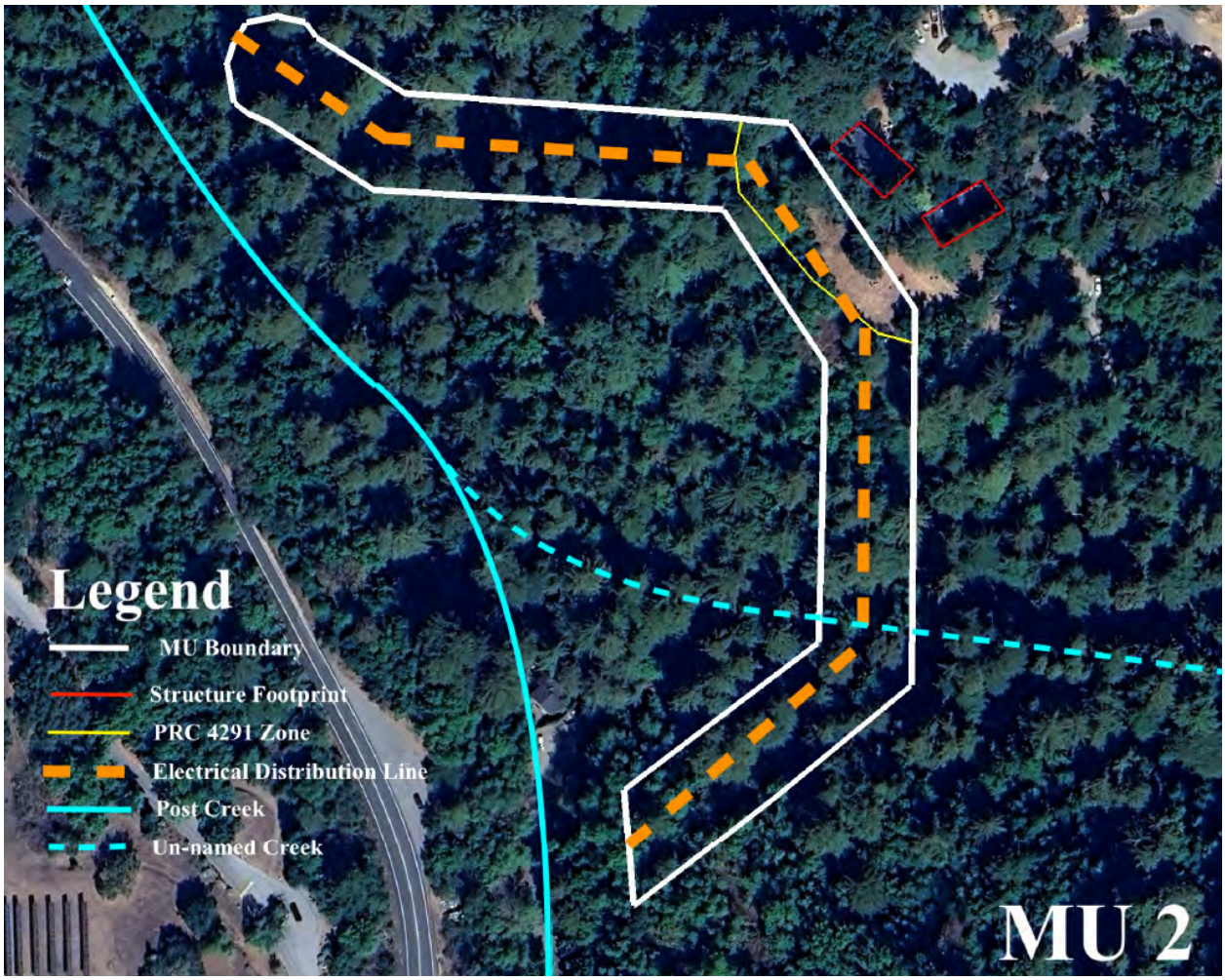
TA: Treatment Activity NTA: No Treatment Activities Mc: Mechanized Activities Mn: Manual Activities
PH: Prescribed Herbivory

CCC staff requested additional management unit maps showing detailed locations of PRC 4291 through 4293 fuels treatment zones. The following maps provide this detail.

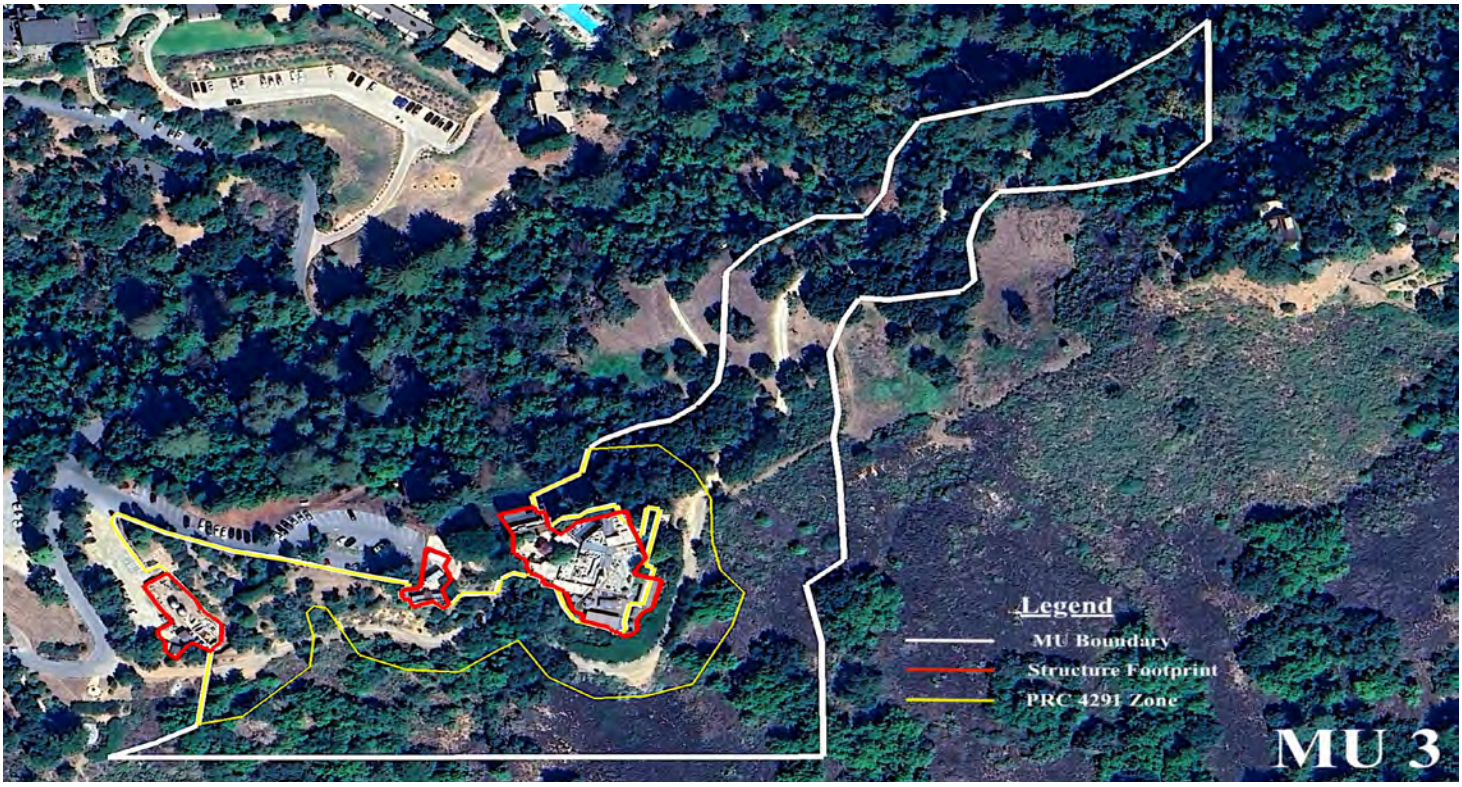
MANAGEMENT UNIT 1



MANAGEMENT UNIT 2



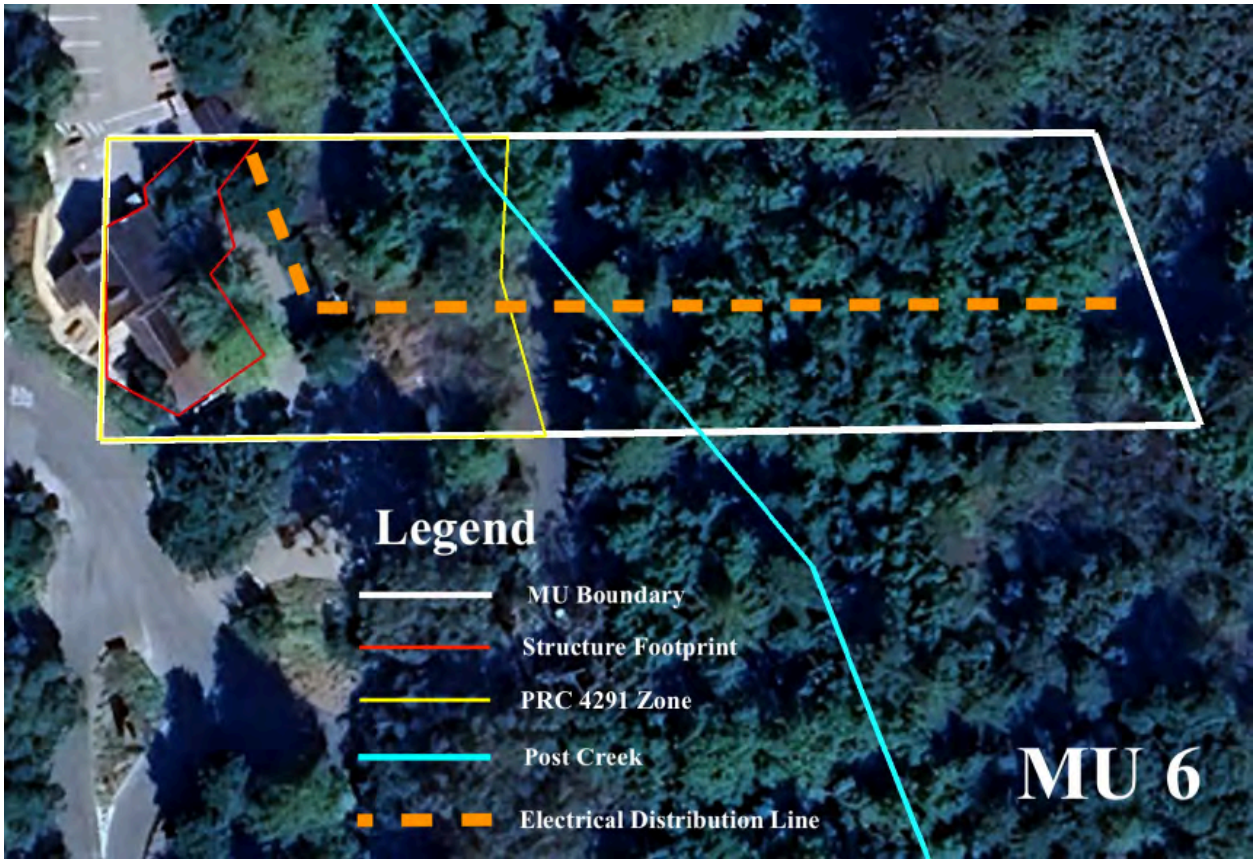
MANAGEMENT UNIT 3



MANAGEMENT UNIT 4

MANAGEMENT UNIT 5

MANAGEMENT UNIT 6



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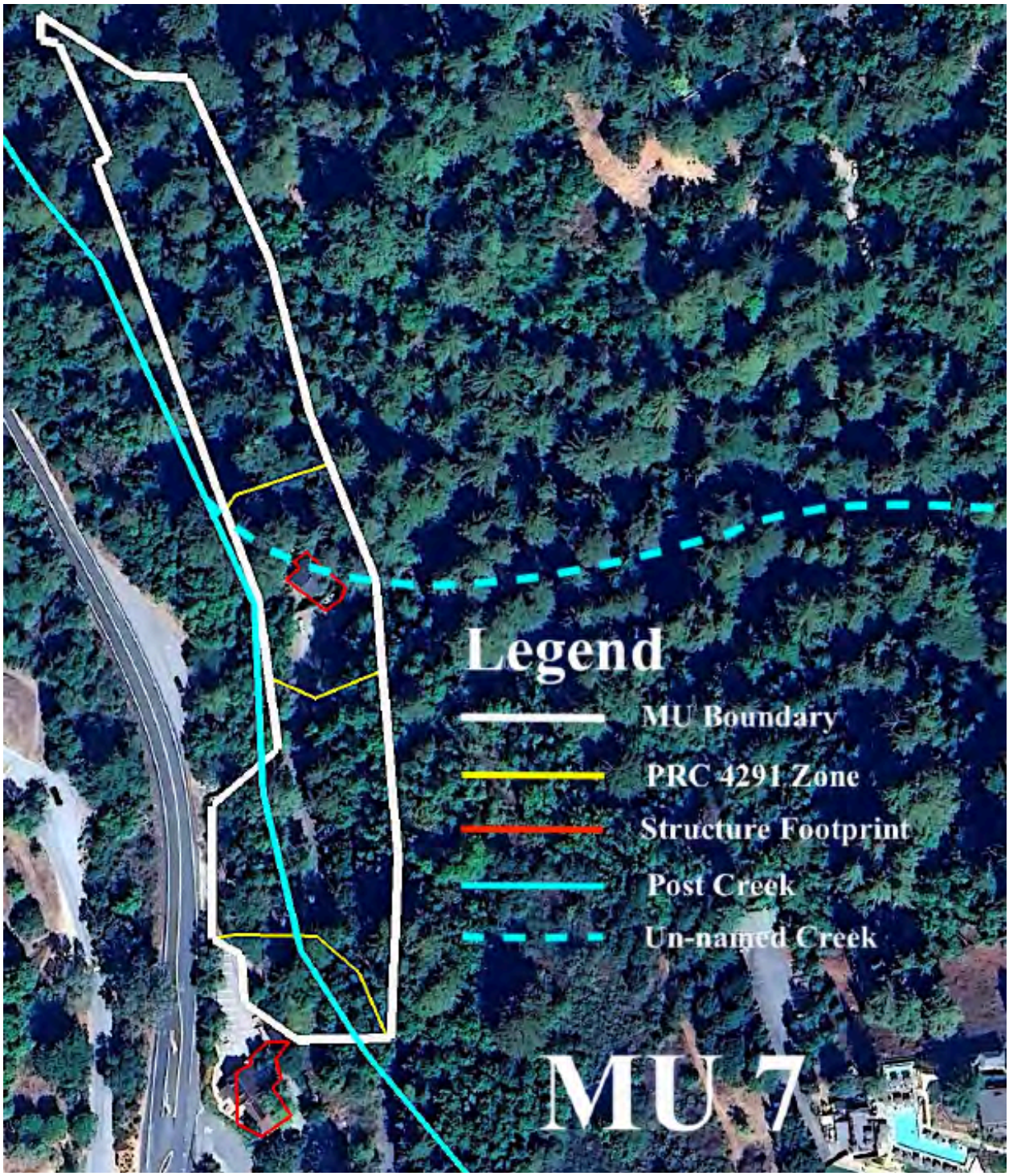
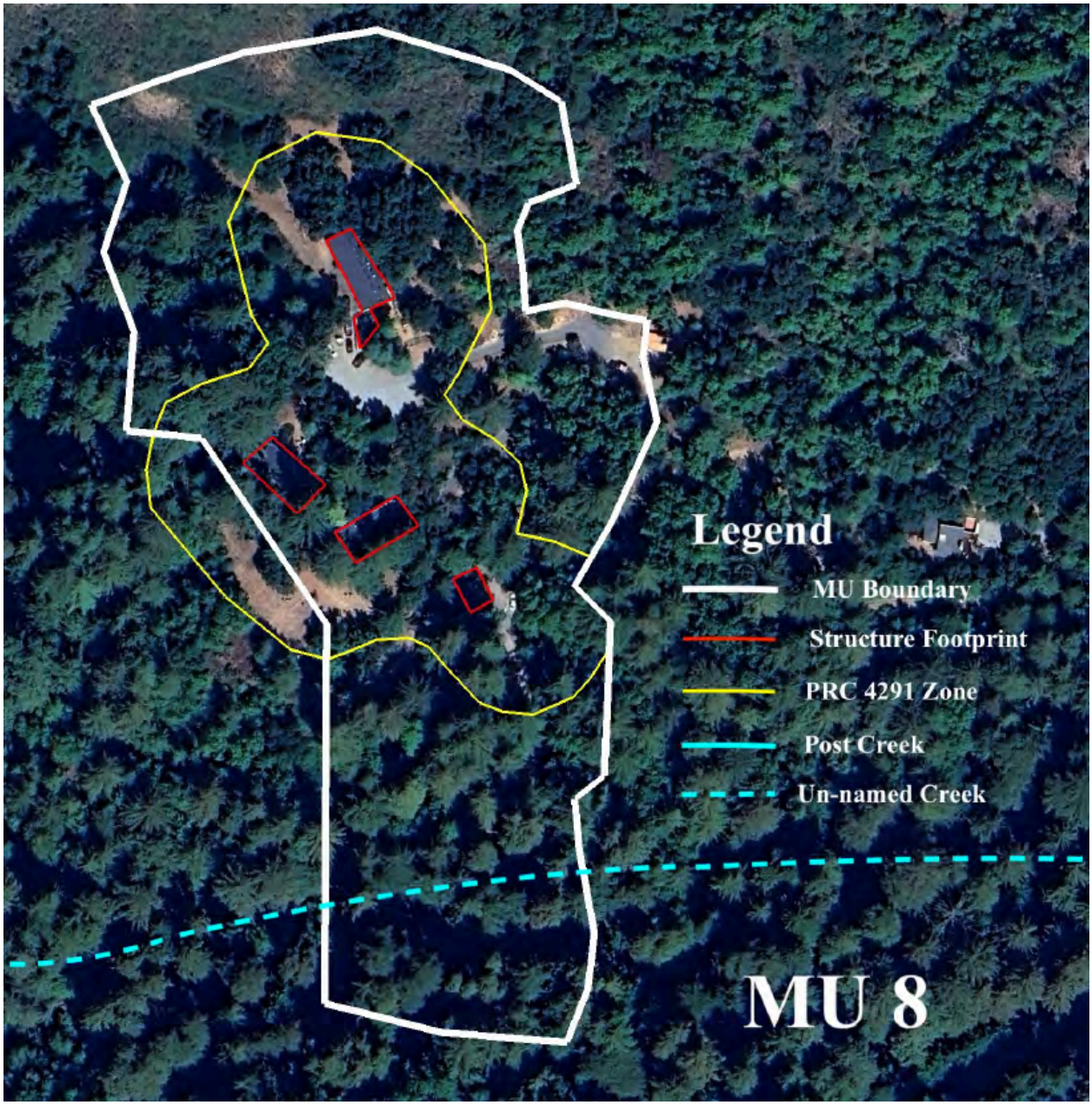


MANAGEMENT UNIT 8



MANAGEMENT UNIT 9