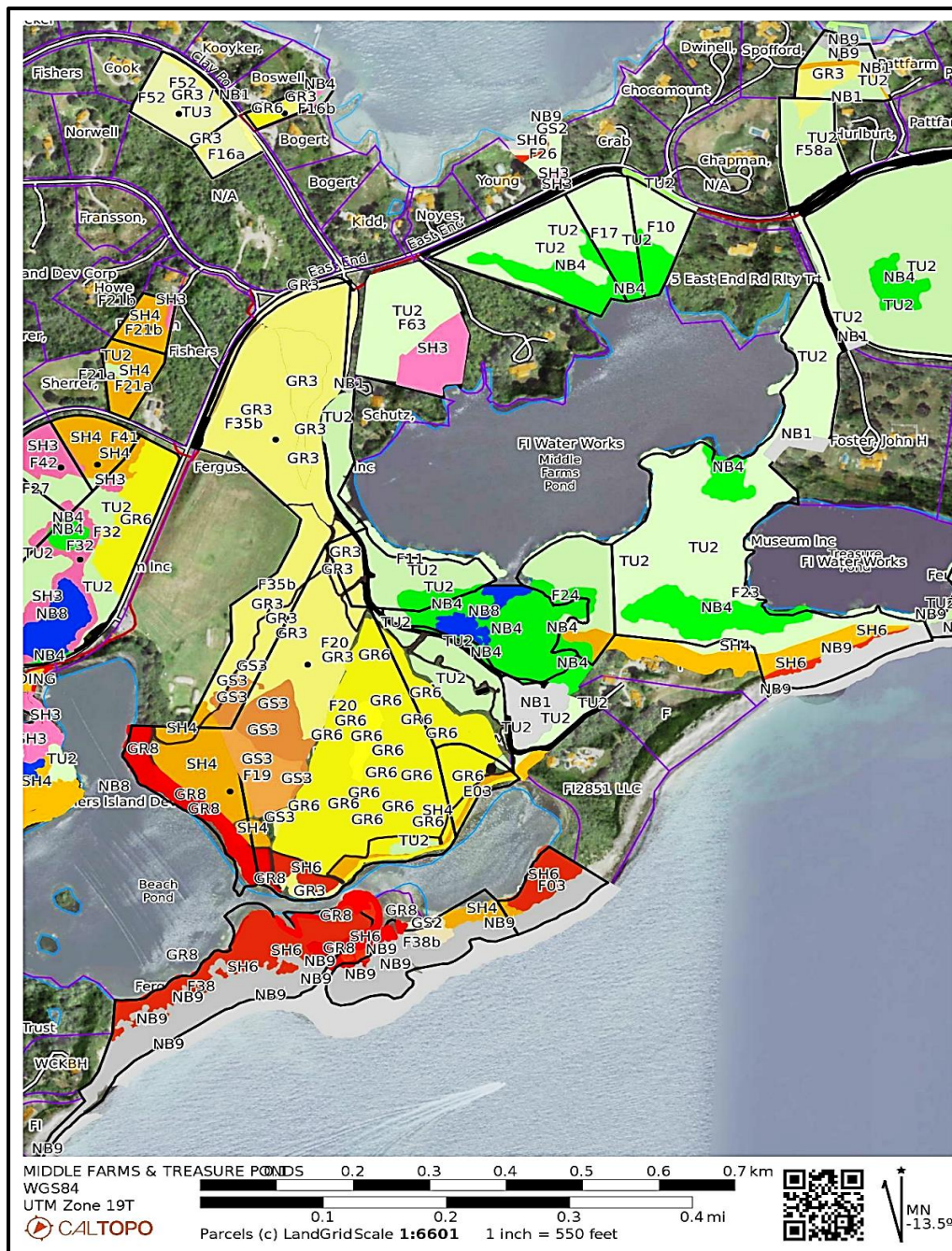


MIDDLE FARMS, TREASURE POND AND BARRIER BEACH

The Middle Farms Flats parcels (F19/F20 /F35b/E01/E03) consist of grass fuels including grass shrub fuels in the grassland itself. These fuels are low risk when they are burned or mowed. East of the grassland the parcels have low risk timber fuels. West and south of the grassland is a mixture of low risk timber, moderate risk shrub fuels and high risk phragmites that basically hug shorelines of Island Pond. Since these fuels are placed between open water and the low risk maintained field they present low wildfire risk.

Barrier Beach parcels (F38/F38b) have both abundant Maritime Shrub/Scrub and phragmites grasses but are surrounded by water. F03 fuels are limited to a band of high risk Maritime Shrub between the waters of Island Pond and Block Island Sound. This band of Maritime Shrub continues east of the property line of Parcel F03 onto adjacent private lands. There is no history of these Maritime Shrub/Scrub habitats burning on Fishers Island, however these fuels may have a very long fire return interval (200 or more years).

The parcels north and south of Middle Farms Pond (north are F63/Town Owned/F17/F10/F26; south are F11/F09/F24/F23/F05) are generally low risk timber models with some low risk shrub areas and non-burnable wet marsh habitats. F26 has a band of maritime shrub surrounded by low risk fuels. Along the southern edge of F23 there is a maritime bluff band of fuels that runs east-west. This feature contains a good mix of shrub/scrub plants that will burn intensely under very rare conditions. The good news is that this band is hemmed in by low risk timber fuels, unburnable marsh thicket and non-burnable rock beaches. So the wildfire risk is low.



Model	Fuel Type	Risk
GR3	Grass	Low
GR6	Grass	Low
GR8	Grass	High
GS3	Grass	Low
SH3	Shrub	Low
SH4	Shrub	Mod
SH6	Shrub	High
TL2	Timber	Low
TL4	Timber	Low
TU2	Timber	Low
TU3	Timber	Low
NB1	No Burn	N/A
NB4	No Burn	N/A
NB8	No Burn	N/A
NB9	No Burn	N/A

Fuel Models Present / Wildfire Risks

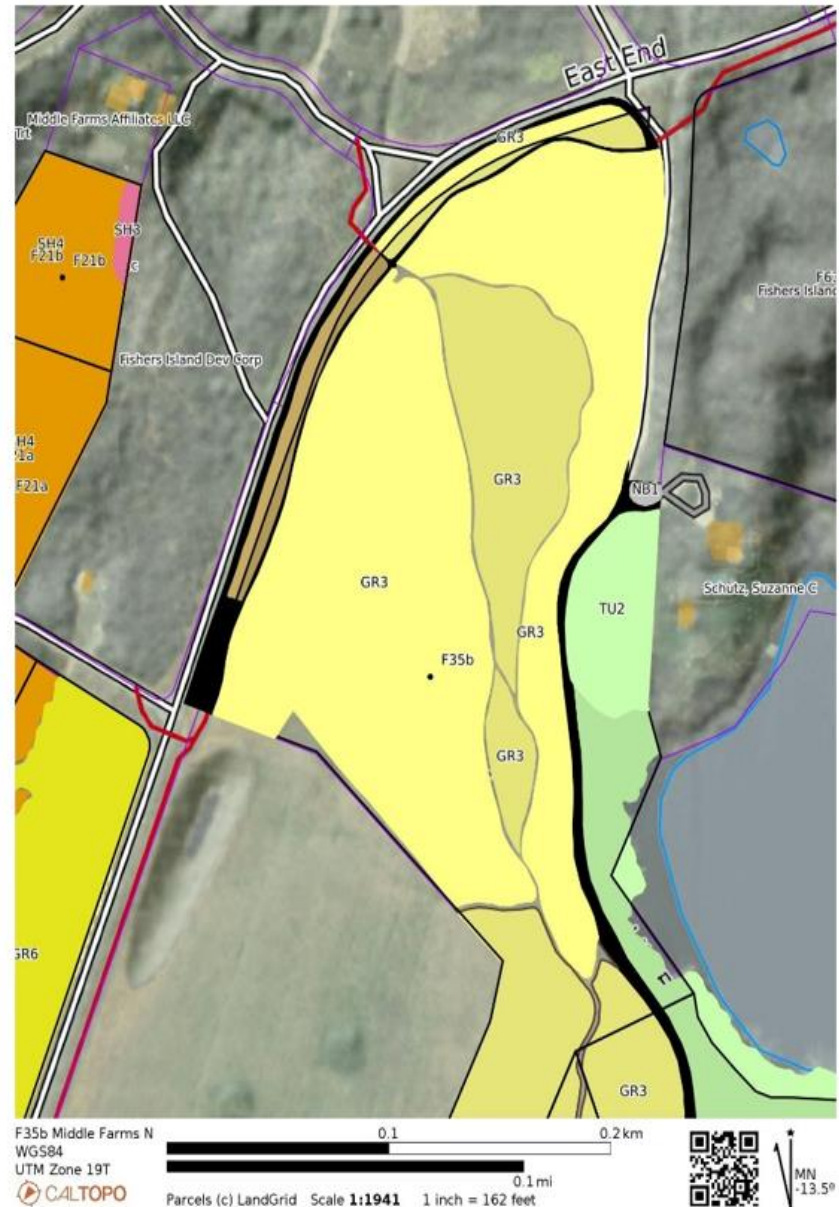
PARCEL	WILDFIRE RISK
F19	LOW
F20	LOW
F35B	LOW
E01	LOW
E03	LOW
F11	LOW
F09	LOW
F23	LOW
F24	LOW
F63	LOW
F05	LOW
TOWN	LOW
F10	LOW
F17	LOW
F26	LOW
F38	LOW
F38b	LOW
F03	HIGH

F35b

Middle Farms
North

PARCEL	WILDFIRE RISK
F35b	LOW

FUEL MODEL	FUEL NAME	DESCRIPTION / CHARACTERISTICS
GR3	Low Load, Very Course, Humid Climate Grass (Dynamic)	The primary carrier of fire in GR3 is continuous, coarse, humid-climate grass. Grass and herb fuel load is relatively light; fuelbed depth is about 2 feet
TU2	Moderate Load, Humid Climate Timber-Shrub	The primary carrier of fire in TU2 is moderate litter load with shrub component. High extinction moisture. Spread rate is moderate; flame length low.

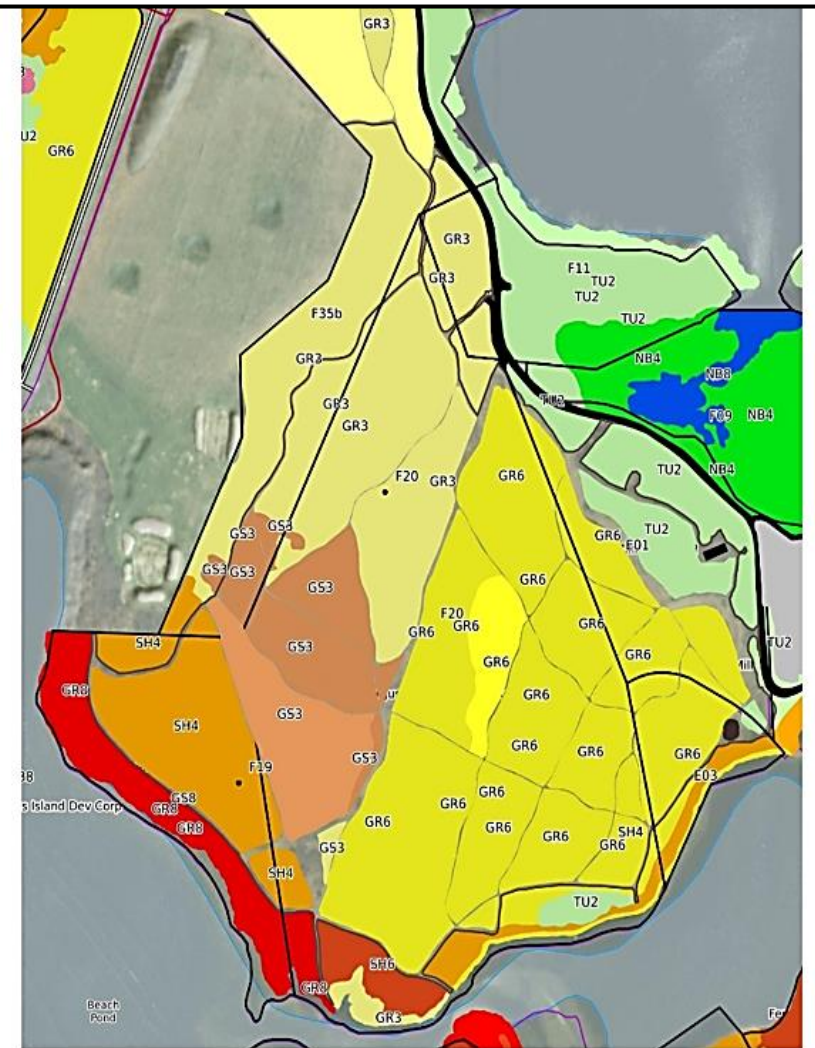


Middle Farms South

Parcels F19 / F20 / F35b / E01 / E03

FUEL MODEL	FUEL NAME	DESCRIPTION / CHARACTERISTICS
GR3	Low Load, Very Coarse, Humid Climate Grass (Dynamic)	The primary carrier of fire in GR3 is continuous, coarse, humid-climate grass. Grass and herb fuel load is relatively light; fuelbed depth is about 2 feet
GR6	Moderate Load, Humid Climate Grass (Dynamic)	The primary carrier of fire in GR6 is continuous humid-climate grass.
GS3	Moderate Load, Humid Climate Grass-Shrub (Dynamic)	The primary carrier of fire in GS3 is grass and shrubs combined. Moderate grass/shrub load, average grass/shrub depth less than 2 feet. Spread rates high; flame length moderate. Moisture of extinction is high
GR8	High Load, Very Coarse, Humid Climate Grass (Dynamic)	The primary carrier of fire in GR8 is continuous, very coarse, humid-climate grass. Load and depth are greater than GR6. Spread rate and flame length can be extreme if grass is fully cured. This fuel here is Phragmites.
TU2	Moderate Load, Humid Climate Timber-Shrub	The primary carrier of fire in TU2 is moderate litter load with shrub component. High extinction moisture. Spread rate is moderate; flame length low.
SH3	Moderate Load, Humid Climate Shrub	The primary carrier of fire in SH3 is woody shrubs and shrub litter. Moderate shrub load, possibly with pine overstory or herbaceous fuel, fuel bed depth 2 to 3 feet. Spread rate is low; flame length low
SH4	Low Load, Humid Climate Timber-Shrub	The primary carrier of fire in SH4 is woody shrubs and shrub litter. Low to moderate shrub and litter load, possibly with pine overstory, fuel bed depth about 3 feet. Spread rate is high; flame length moderate.

PARCEL	WILDFIRE RISK
F19	MODERATE
F20	MODERATE
F35B	LOW
E01	LOW
E03	LOW



Middle Farms South
WGS84

UTM Zone 19T

CALTOPO

0.1 0.2 0.3 km

0.1 mi
Scale 1:2841 1 inch = 237 feet

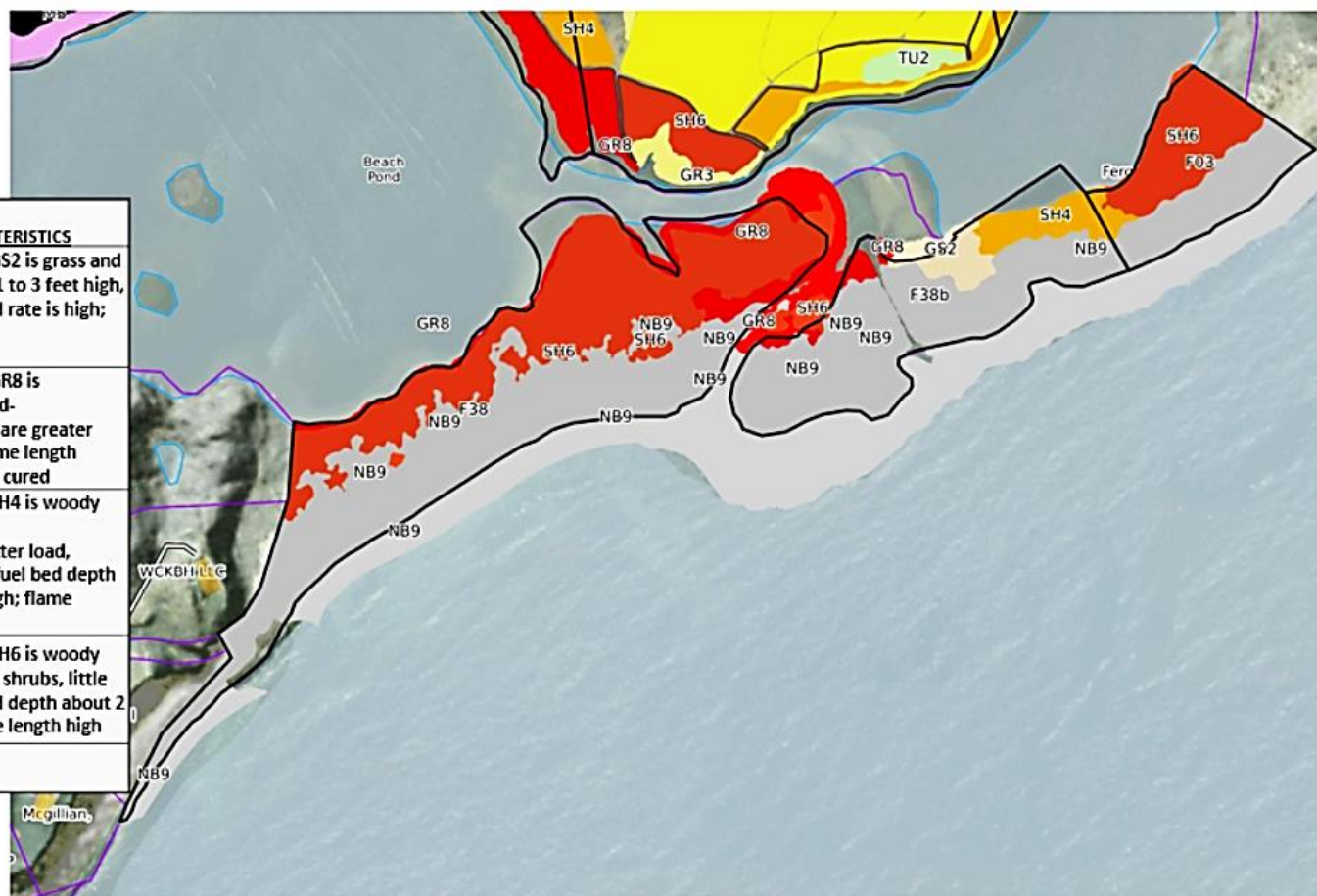


MN
-13.5°

F38 / F38b / F03

FUEL MODEL	FUEL NAME	DESCRIPTION / CHARACTERISTICS
GS2	Moderate Load, Dry Climate Grass-Shrub (Dynamic)	The primary carrier of fire in GS2 is grass and shrubs combined. Shrubs are 1 to 3 feet high, grass load is moderate. Spread rate is high; flame length moderate.
GR8	High Load, Very Coarse, Humid Climate Grass (Dynamic)	The primary carrier of fire in GR8 is continuous, very coarse, humid-climate grass. Load and depth are greater than GR6. Spread rate and flame length can be extreme if grass is fully cured
SH4	Low Load, Humid Climate Timber-Shrub	The primary carrier of fire in SH4 is woody shrubs and shrub litter. Low to moderate shrub and litter load, possibly with pine overstory, fuel bed depth about 3 feet. Spread rate is high; flame length moderate.
SH6	Low Load, Humid Climate Shrub	The primary carrier of fire in SH6 is woody shrubs and shrub litter. Dense shrubs, little or no herbaceous fuel, fuelbed depth about 2 feet. Spread rate is high; flame length high
NB9	Nonburnable Beach / Rock	Will not burn, no fuel.

PARCEL	WILDFIRE RISK
F38	LOW
F38b	LOW
F03	HIGH



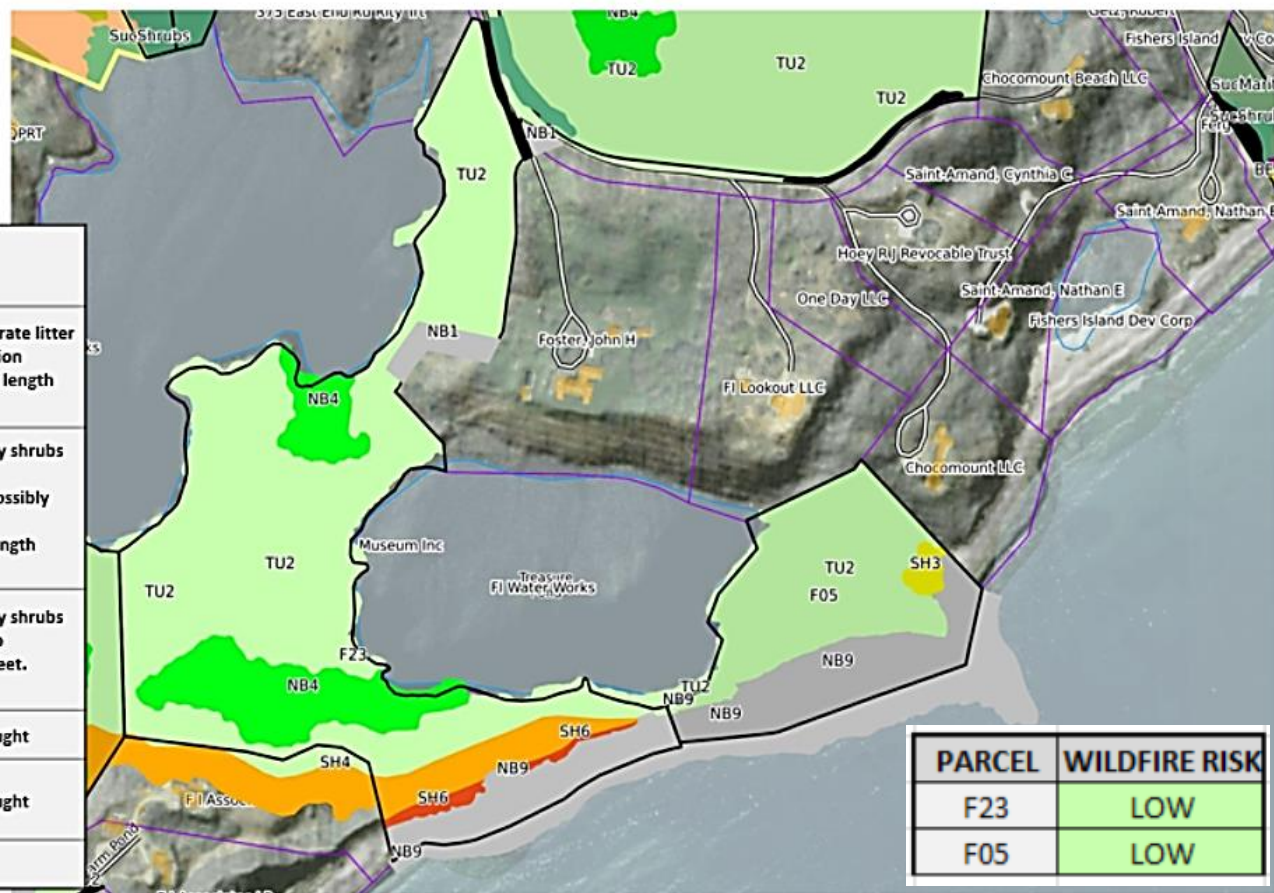
F38 / F38b / F03
 WGS84
 UTM Zone 19T
 C4LTOPO

0.1 0.2 0.3 0.4 0.5 km
 0.1 0.2 0.3 mi
 Scale 1:3275 1 inch = 273 feet

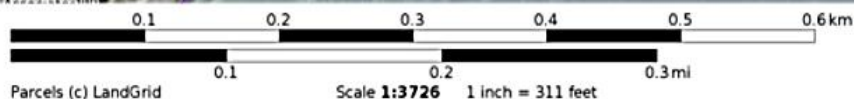


F23 / F05

<u>FUEL MODEL</u>	<u>FUEL NAME</u>	<u>DESCRIPTION / CHARACTERISTICS</u>
TU2	Moderate Load, Humid Climate Timber-Shrub	The primary carrier of fire in TU2 is moderate litter load with shrub component. High extinction moisture. Spread rate is moderate; flame length low.
SH4	Low Load, Humid Climate Timber-Shrub	The primary carrier of fire in SH4 is woody shrubs and shrub litter. Low to moderate shrub and litter load, possibly with pine overstory, fuel bed depth about 3 feet. Spread rate is high; flame length moderate.
SH6	Low Load, Humid Climate Shrub	The primary carrier of fire in SH6 is woody shrubs and shrub litter. Dense shrubs, little or no herbaceous fuel, fuelbed depth about 2 feet. Spread rate is high; flame length high
NB1	Nonburnable Grass Lawn	Will not burn except during extreme drought
NB4	Nonburnable Swamp / Marsh / Vineland	Will not burn except during extreme drought
NB9	Nonburnable Beach / Rock	Will not burn, no fuel.



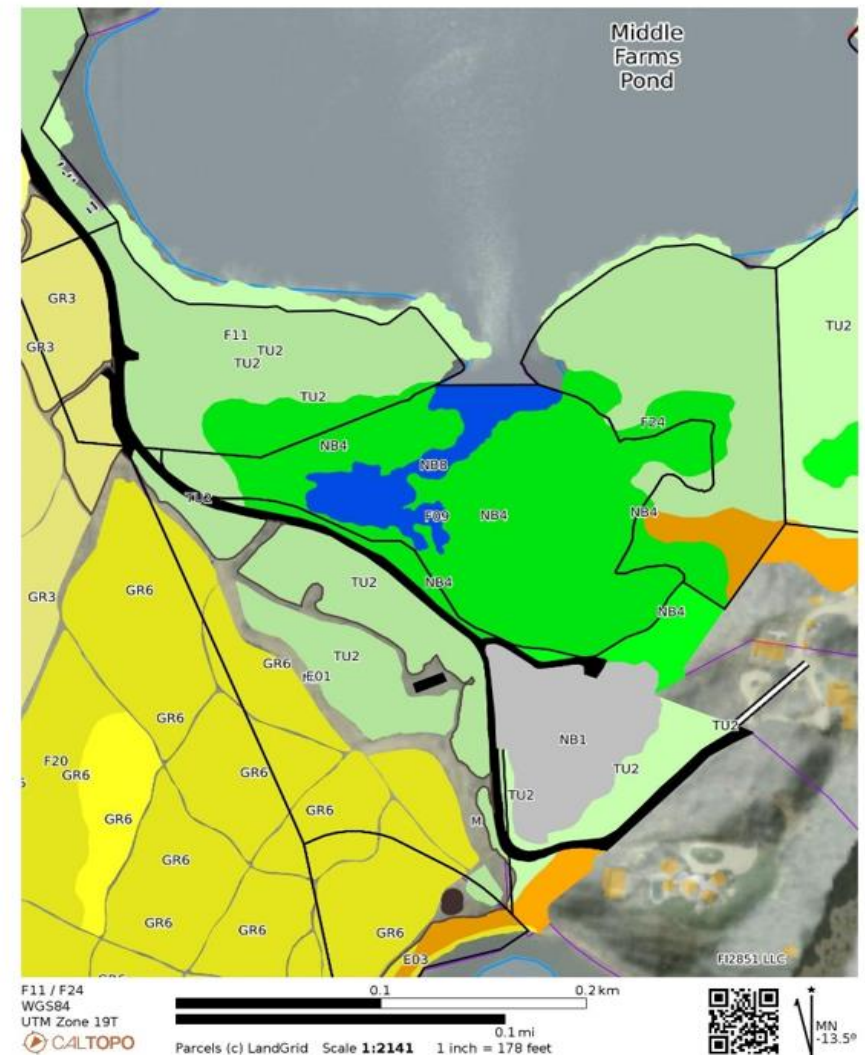
Mercator Projection
WGS84
UTM Zone 19T
CALTPOPO



F11 / F09 / F24 / E01

FUEL MODEL	FUEL NAME	DESCRIPTION / CHARACTERISTICS
TU2	Moderate Load, Humid Climate Timber-Shrub	The primary carrier of fire in TU2 is moderate litter load with shrub component. High extinction moisture. Spread rate is moderate; flame length low.
SH4	Low Load, Humid Climate Timber-Shrub	The primary carrier of fire in SH4 is woody shrubs and shrub litter. Low to moderate shrub and litter load, possibly with pine overstory, fuel bed depth about 3 feet. Spread rate is high; flame length moderate.
NB1	Nonburnable Grass Lawn	Will not burn except during extreme drought
NB4	Nonburnable Swamp / Marsh / Vineland	Will not burn except during extreme drought
NB8	Nonburnable Lake / Open Water	Will not burn

PARCEL	WILDFIRE RISK
F11	LOW
F09	LOW
F24	LOW
E01	LOW



F63 / TOWN /
F17 / F10 / F26

PARCEL	WILDFIRE RISK
F63	LOW
TOWN	LOW
F10	LOW
F17	LOW
F26	LOW

<u>FUEL MODEL</u>	<u>FUEL NAME</u>	<u>DESCRIPTION / CHARACTERISTICS</u>
SH3	Moderate Load, Humid Climate Shrub	The primary carrier of fire in SH3 is woody shrubs and shrub litter. Moderate shrub load, possibly with pine over story or herbaceous fuel, fuel bed depth 2 to 3 feet. Spread rate is low; flame length low
SH6	Low Load, Humid Climate Shrub	The primary carrier of fire in SH6 is woody shrubs and shrub litter. Dense shrubs, little or no herbaceous fuel, fuel bed depth about 2 feet. Spread rate is high; flame length high
TU2	Moderate Load, Humid Climate Timber-Shrub	The primary carrier of fire in TU2 is moderate litter load with shrub component. High extinction moisture. Spread rate is moderate; flame length low.
NB4	Nonburnable Swamp / Marsh / Vineland	Will not burn except during extreme drought

