APPENDIX F, PART 19

PRNS FIVE-YEAR TREATMENT PLAN AND MAPS

IMPLEMENTATION STRATEGY FOR THE PRNS FIRE MANAGEMENT PLAN

PORE FIVE YEAR FUELS TREATMENT PLAN

YEAR 2006

	Project	FMU	Acres	Project Type	Specifics	%grass	%shrub	% forest/ wdland	Timing	Funding	Last Treated	Maint. Freq.	Issue 1	Issue 2	Obj 1	Obj 2	Date Completed
	RX BURN PROJECTS		**244**														
1	Hagmeier	Hwy One	59	Rx		100%	0%	0%	july - sept		1998	8	hazard fuel reduction along Hwy 1.	French broom and velvet grass.	Maintain or decrease the % cover of non-native species.	Maintain GEMO at 10% cover. & Obj #3 Hazard reduction on Hwy One.	
2	Lime Kiln	Hwy One	15	Rx		100%		0%	july - sept		1999	2	French broom	high fuel	Maintain or decrease the % cover of non-native species.	Maintain GEMO at 10% cover. & Obj #3 Hazard reduction on Hwy One.	
3	Point Reyes Hill	Inverness Ridge	30	Rx		0%	100%	0%	july - sept		1995 Fire	11			No Crushing		
4	Limantour Phase 2	Limantour	40	Rx		0%	100%	0%	july - sept	15,000.00	1995 Fire	phased	high fuel	tending towards baccharis monoculture	20% decrease in Baccharis cover by 1 year post-burn.	Increase cover of native plants & maintain height of BAPI below xx cm.	10/20/2006
5	Limantour Phase 3	Limantour	30	Rx		0%	100%	0%	july - sept		1995 Fire	phased	high fuel	tending towards baccharis monoculture			
6	D Ranch	Minimal Management	65	Rx		100%	0%	0%	winter		2005	phased	non-native grasses		Prepare site for seed drilling	Reduce residue grass/thatch by 75%.	11/1/2006
7	Limantour spit	Limantour	5	Rx		100%	0%	0%			1st Treatment		European beach grass		Use a combination of fire & herbicide to control European beach grass		
	MECHANICAL PROJECTS		**365**														
8	Marin Manzanita monitoring	All	0	compliance	mapping	0%	100%	0%	january	2,500.00	N/A	N/A	CNPS 1B fire adaptive plant	Becomes rare as overstory or taller shrubs develop	Determine extent & population dynamics of A. virgata population in PORE		
9	Bolinas Ridge Fuel Zone	Bolinas Ridge	15	mechanical	thinning, piling, chipping	0%	50%	50%	oct - march	15,000.00	2004	phased	High fire hazard	Rare plants	Hazard fuel reduction	coordinate with Janet Klein at MMWD	
10	North District Nonnative Plant Treatment	Estero/ Minimal management	125	mechanical	mowing	0%	100%	0%	august - sept	$48,000 ($15,000)	1st Treatment	annual	Scotch broom		% reduction in Scotch broom in mature plants.		
11	Park Structures Defensible Space	All	50	mechanical	mow, brush	75%	25%	0%	yearound	55,000.00	2005	annual	Protection of life & property		Defensible space		
12	Hwy 1 Broom, McDonald, McCurdy, Hagmaier and Wilkins	Hwy One	125	mechanical	mow	0%	100%	0%	spring	23,000.00	2005	annual	Broom		Reduction in broom		
13	Herbicide application [euc stumps]	Hwy One, Inverness Ridge, Palomarin	25	chemical	chemical	0%	0%	100%	aug-march	5,000.00	2005	continu-ation	Fire hazard	Invasive plants	Reduce eucalyptus density & spread		
14	Euc Removal Highway One	Hwy One	25	mechanical	thinning, piling and chipping	0%	0%	100%	aug-march	20,000.00	2005	phased	Fire hazard	Invasive plants	Reduce eucalyptus density & spread	decrease dead and downed fuels	decrease dead and downed fuels

YEAR 2006

	Project	FMU	Acres	Project Type	Specifics	%grass	%shrub	% forest/ wdland	Timing	Funding	Last Treated	Maint. Freq.	Issue 1	Issue 2	Obj 1	Obj 2	Date Completed
	ON HOLD - UNFUNDED																
15	Palomarin Eucalyptus Removal	Palomarin	25	mechanical	felling	0%	0%	100%	aug-march	0 (45000)			High Fire Hazard	Wilderness			
16	Palomarin Eucalyptus Removal	Palomarin	25	chemical	felling	0%	0%	100%	aug-march	5,000.00			High Fire Hazard	Wilderness			
17	Elizabeth Ct. Fuel Break	Inverness Ridge	15	mechanical	thinning, piling, chipping	0%	0%	100%	aug-march	0 (30000)			High Fire Hazard	WUI			
18	Elizabeth Ct. Fuel Break	Inverness Ridge	15	mechanical	thinning, piling, chipping	0%	0%	100%	aug-march	0 (20000)			High Fire Hazard	WUI			
19	Bear Valley Euc Removal	Limantour	7	mechanical	thinning, piling, chipping	0%	0%	100%	aug-march	0 (12000)			High Fire Hazard	Near center of visitor activities			
20	Lime Kiln Compliance	Hwy One	15	compliance	cultural resource Survey	75%	25%	0%	aug-march	0.00			Cultural Resource	Creek supporting listied salmonids			
21	Five Brooks Defensible Space	Hwy One	1	Mechanical	brush, felling	0%	20%	80%	aug-march								
	PORE WUI PROJECTS																
22	Cascade Canyon Fuels Treatment Plan	N/A		compliance/ FWS consultation	fuel reduciton zone, roadside fuel reduction	25%	25%	50%	aug-march	$105,000	N/A	N/A	Project area is within 0.25 miles of 2 NSOW activity sites	Rare plants in serpentine area	Complete NEPA compliance	Complete FWS consultation & obtain MCOSD permit	75% complete, needs to complete consultation
23	Laurel Canyon Roadside Fuel Reduction Project	N/A	14.4	implementatio n and monitoring	limbing trees, brushing shrubs	0%	2000%	8000%	aug-march	$21,000	N/A	85	NSOW activity site near project area.	Project area adjacent to creek supporting steelhead and coho	Complete NPS NEPA compliance.	Complete consultation with USFWS.	Feb-06
24	Seahaven Roadside Fuel Reduction	N/A	3.4	compliance & implementation	limbing trees, brushing shrubs	0%	1000%	9000%	aug-march	$24,000	N/A	N/A	high fuel loading	hazardous trees	improve access and safety	reduce roadside fuels	Mar-06

2006 Projects

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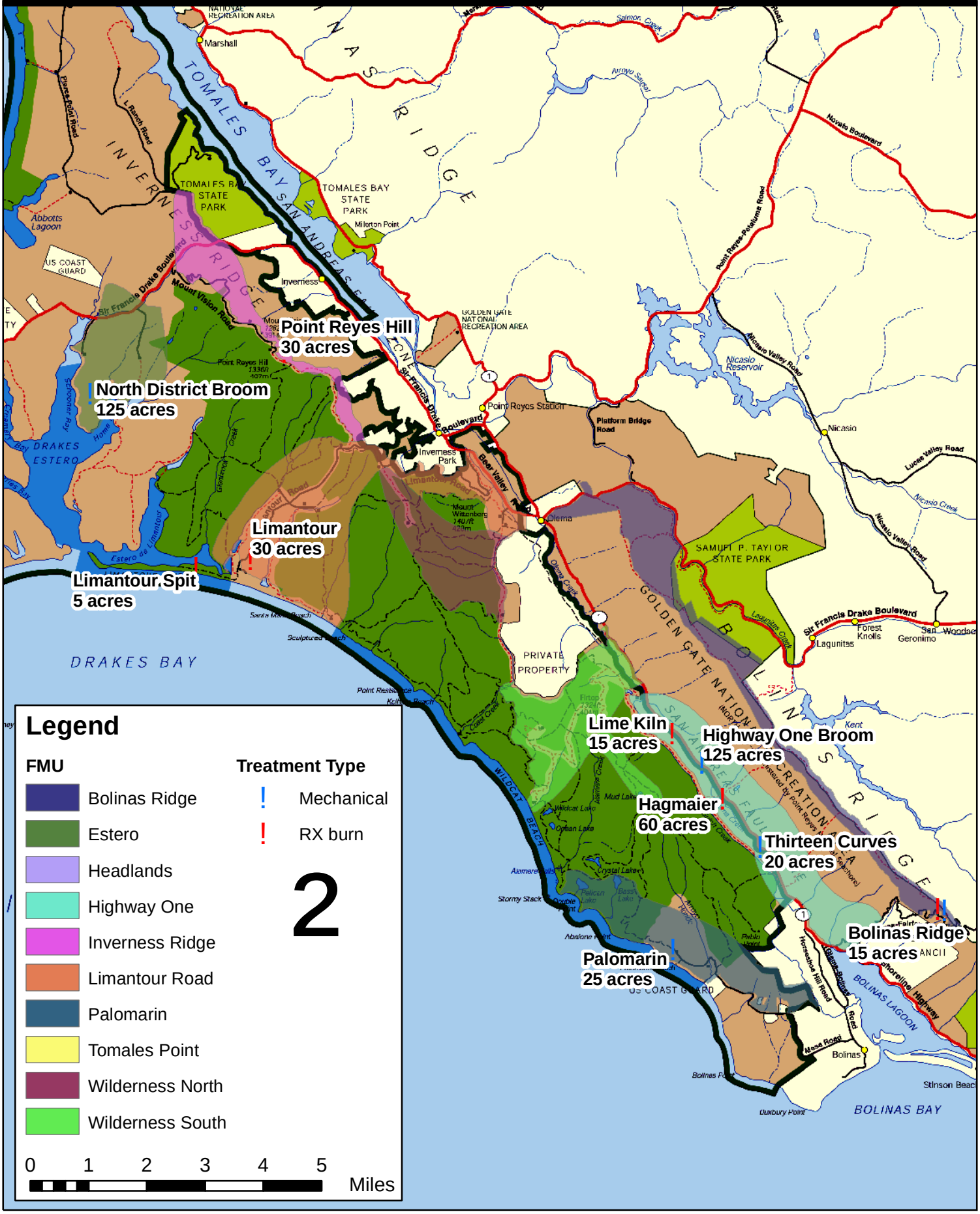

YEAR 2007

	Project	FMU	Acres	Project Type	Specifics	%grass	%shrub	% forest/ wdland	Timing	Funding	Last Treated	Maint. Freq.	Issue 1	Issue 2	Obj 1	Obj 2
	RX BURN PROJECTS		**341**													
1	Limantour Phase 4	Limantour	40	Rx		100%	0%	0%	aug-sept		1995 Fire	phased	priority substitute for Beebe			
2	Pt. Reyes Hill	Inverness Ridge	30	Rx		25%	65%	10%	aug-nov		1st Treatment	phased				
3	Vision Rd Switchback	Inverness Ridge	20	Rx		0%	85%	15%	aug-nov		1st Treatment		Heavy Fuels		Roadside fuel reduction	
4	Strain Hill	Hwy One	115	Rx		100%	0%	0%	fall		late FY 2005	2	Broom	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
5	McCurdy Broadcast	Hwy One	76	Rx		100%	0%	0%	fall		late FY 2005	2	Broom	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
6	Dogtown	Hwy One	30	Rx		100%	0%	0%	aug-nov		late FY 2005	2	Broom	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
7	Beebe	Bolinas Ridge	30	Rx		80%	20%	0%	aug-nov	16,000	late FY 2005	4	Hazard fuels/ funded	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
	MECHANICAL PROJECTS		**391**													
8	Park Structures Defensible Space	All	50	mechanical	mow, brush	N/A	N/A	N/A	yearound	$45,000	2006	annual	funded			
9	Hwy 1 Broom, McDonald, McCurdy, Hagmeirer, Wilkins	Hwy One	125	mechanical	mow	90%	10%	0%	spring	$23,000	2006	annual	funded			
14	Bayview Trail Fuel Break	Limantour	10	mechanical	remove	0%	100%	0%	aug-march	17,600	1st Treatment	2	funded			
15	Bayview Trail Fuel Break	Limantour	6	mechanical	piling	0%	100%	0%	aug-march	0	1st Treatment	2	funded			
16	Bayview Trail Fuel Break	Limantour	10	mechanical	chipping	0%	100%	0%	aug-march	0	2005	2	funded			
11	Elizabeth Ct. Fuel Break (thin)	Inverness Ridge	15	mechanical	thin	0%	0%	100%	oct - march	30,000	1st Treatment		unfunded			
12	Elizabeth Ct. Fuel Break (disposal)	Inverness Ridge	15	mechanical	disposal	0%	0%	100%	oct - march	20,000	1st Treatment		unfunded			
13	Highway One Euc Removal - 13 curves (intermed. cut)	Hwy One	25	mechanical	thin	0%	0%	100%	aug-march		2006	phased	unfunded			
14	Highway One Euc Removal - 13 curves (intermed. cut)	Hwy One	25	mechanical	chip	0%	0%	100%	aug-march		2006	phased	unfunded			
15	Highway One Euc Removal - 13 curves (intermed. cut)	Hwy One	25	mechanical	herbicide	0%	100%	100%	aug-march		2006	phased				
16	Bolinas Ridge	Bolinas Ridge	10	mechanical	brush	0%	50%	50%	aug-march		2006	phased				
17	Palomarin (first thinning)	Palomarin	25	mechanical	thin	0%	0%	100%	aug-march	45,000	1 treatment	phased	funded			
18	Palomarin (first thinning)	Palomarin	25	mechanical	treat	0%	0%	100%	aug-march	0	1 treatment	phased	funded			
19	Palomarin (first thinning)	Palomarin	25	mechanical	disposal	0%	0%	100%	aug-march	0	1 treatment	phased	funded			

2007 Projects

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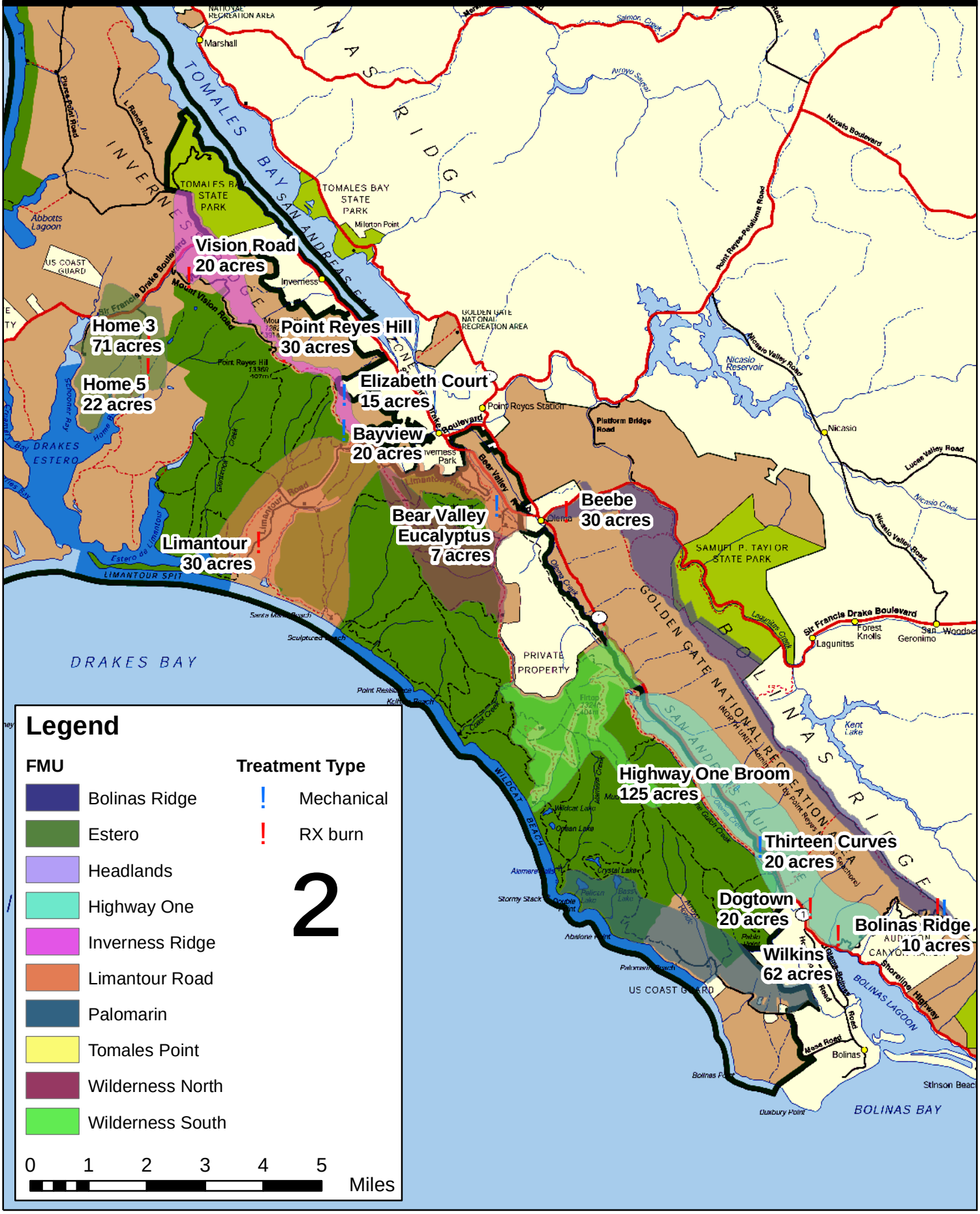

YEAR 2008

		FMU	Acreage	Project Type	Specifics	%grass	%shrub	% forest/ woodland	Proposed Season	Funding	Yr. Last Treated	Maint. Freq.	Issue 1	Issue 2	Obj 1	Obj 2
	RX BURN PROJECTS		**677**													
1	Limantour 5	Limantour	48	Rx		50%	50%	0%	fall		2005	3				
2	Elk Range 2	Tomales Pt.	112	Rx		55%	45%	0%	late summer/fall or late winter		1st Treatment		Need to avoid exclosures & unfenced reference sites.	must avoid calving season.		
3	Bolinas Ridge	Bolinas Ridge	39	Rx		55%	45%	0%	fall		1st Treatment					
4	Lime Kiln	Hwy One	15	Rx		100%		0%	july - sept		1999	2	French broom	high fuel	Maintain or decrease the % cover of non-native species.	Maintain GEMO at 10% cover. & Obj #3 Hazard reduction on Hwy One.
5	Home 3	Estero	71	Rx		100%	0%	0%	aug-nov		2001	2				
6	Home 5	Estero	22	Rx		100%	0%	0%	aug-nov		2001	2				
7	Wilkins	Hwy One	62	Rx		100%	0%	0%	aug-nov		1st Treatment?	2	Broom	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
8	McDonald 1	Hwy One	187	Rx		55%	45%	0%	fall		2001	1 - 2 years				
9	McDonald 2	Hwy One	121	Rx		55%	45%	0%	fall		2001	1 - 2 years				
	MECHANICAL PROJECTS		**75**													
10	Park Structures Defensible Space	All	50	mechanical	mow, brush	N/A	N/A	N/A	yearound	$45,000	2007	annual				
11	Hwy 1 Broom, McDonald, McCurdy, Hagmeirer, Wilkins	Hwy One	125	mechanical	mow	90%	10%	0%	spring	$23,000	2007	annual				
12	Bear Valley Euc Removal (intermed. thin)	Limantour	7	mechanical	thinning, piling	0%	0%	100%	oct - march	12,000	2004	phased				
13	Bear Valley Euc Removal (disposal)	Limantour	7	mechanical	chipping & disposal	0%	0%	100%	aug-march		2004	phased				
14	Bear Valley Euc Removal (chemical)	Limantour	7	mechanical	herbicide	0%	0%	100%	aug-march		2004	phased				
15	Palomarin (intermed. cut)	Palomarin	25	mechanical	thin	0%	0%	100%	aug-march		2007	phased				
16	Palomarin (intermed. cut)	Palomarin	25	mechanical	treat	0%	0%	100%	aug-march		2007	phased				
17	Palomarin (intermed. cut)	Palomarin	25	mechanical	disposal	0%	0%	100%	aug-march		2007	phased				

2008 Projects

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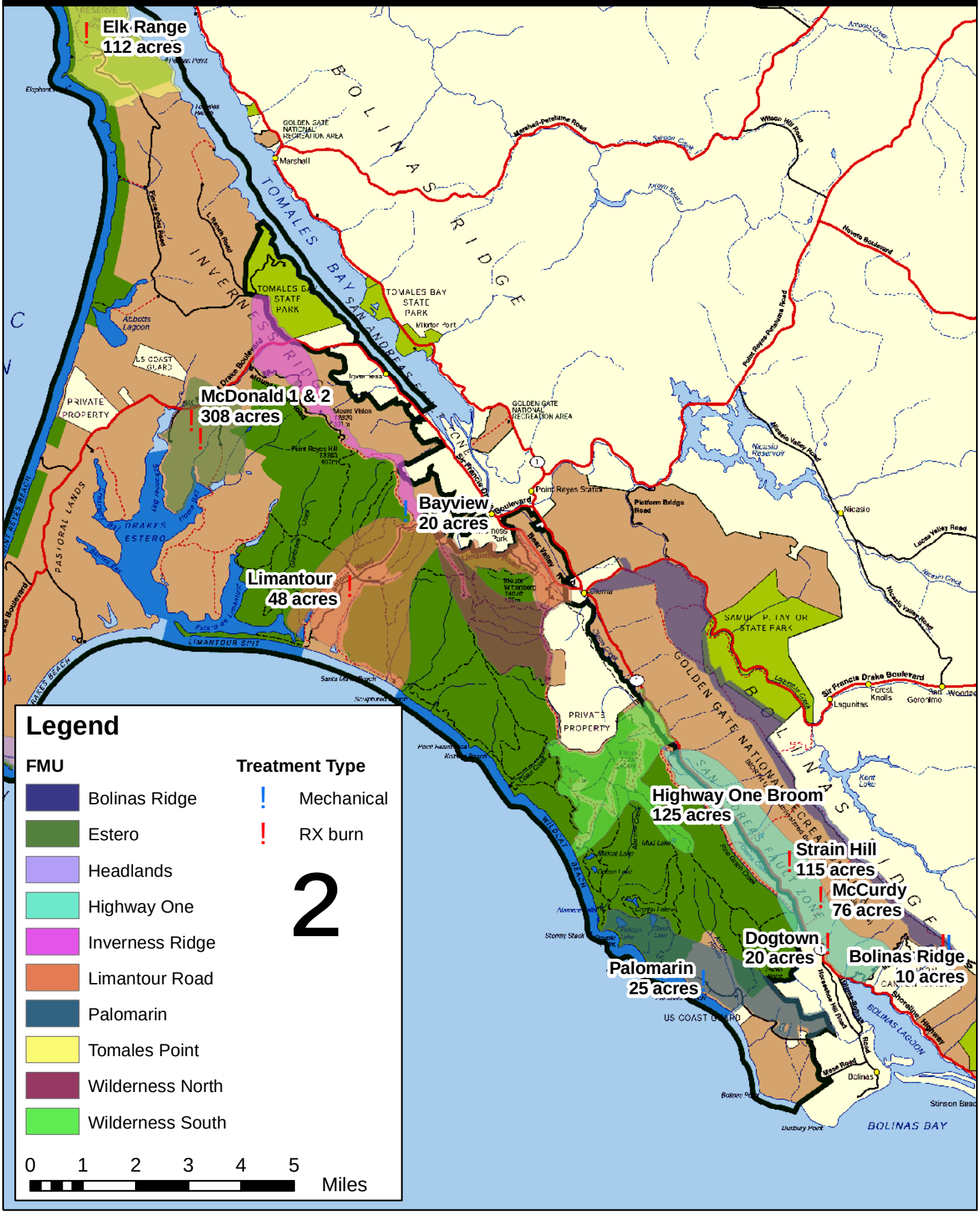

YEAR 2009

	Project	FMU	Acres	Project Type	Specifics	%grass	%shrub	% forest/ wdland	Timing	Funding	Last Treated	Maint. Freq.	Issue 1	Issue 2	Obj 1	Obj 2
	RX BURN PROJECTS		**582**													
1	Hagmeier	Hwy One	59	Rx		100%	0%	0%	july - sept		2006	3	French broom	velvet grass		
2	Lime Kiln	Hwy One	15	Rx		100%	0%	0%	july - sept		2006	2	French broom	high fuel		
3	Point Reyes Hill	Inverness Ridge	30	Rx		50%	50%	0%	july - sept		2006					
4	Limantour 6	Limantour	30	Rx		0%	100%	0%	july - sept		2006	phased				
5	Elk Range 1	Tomales Point	41	Rx		80%	20%	0%	fall		1st Treatment					
6	Dogtown	Hwy One	30	Rx		100%	0%	0%	aug-nov		late FY 2007	2	Broom	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
7	Strain Hill	Hwy One	115	Rx		100%	0%	0%	fall		late FY 2007	2	Broom	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
8	McCurdy Broadcast	Hwy One	76	Rx		100%	0%	0%	fall		late FY 2007	2	Broom	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
9	Wilkins	Hwy One	62	Rx		100%	0%	0%	aug-nov		1st Treatment?	2	Broom	Fuel loading along critical ingress/egress route	Roadside fuel reduction	control of invasive exotic species
10	Mt. Vision B	Inverness Ridge	40	Rx		40%	60%	0%	fall		1st Treatment					
11	Wittenberg 1	Wilderness North	84	Rx		10%	0%	90%	july - sept		1st Treatment					
	MECHANICAL PROJECTS		**332**													
12	Park Defensible Space	All	50	mechanical	maintenan	N/A	N/A	N/A	spring		2008	annual				
13	Highway One Broom Control	Hwy One	150	mechanical	mowing	95%	5%	0%	spring		2008	annual				
16	Bayview Trail Fuel Break	Limantour	26	mechanical	maintain	0%	100%	0%	aug-march		2007	2				
17	Bear Valley Euc Removal (intermed. thin)	Limantour	7	mechanical	thinning, piling, chipping	0%	0%	100%	aug - march		2008	phased	high fuel hazard	near center of visitor activity		
18	Bear Valley Euc Removal (disposal)	Limantour	7	mechanical	disposal	0%	0%	100%	aug - march		2008	phased	high fuel hazard	near center of visitor activity		
19	Bear Valley Euc Removal (chemical)	Limantour	7	mechanical	herbicide	0%	0%	100%	aug - march		2008	phased	high fuel hazard	near center of visitor activity		
20	Highway One Euc Removal - 13 curves (overstory removal)	Hwy One	25	mechanical	thin	0%	0%	100%	aug - march		2007	phased	high fuel hazard	cultural resource and roadside visibility		
21	Highway One Euc Removal - 13 curves (overstory removal)	Hwy One	25	mechanical	chip	0%	0%	100%	aug - march		2007	phased	high fuel hazard	cultural resource and roadside visibility		
22	Highway One Euc Removal - 13 curves (overstory removal)	Hwy One	25	mechanical	herbicide	0%	0%	100%	aug		2007	phased	high fuel hazard	cultural resource and roadside visibility		
23	Bolinas Ridge	Bolinas Ridge	10	mechanical	brush	0%	50%	50%	aug - feb		2007	phased	listed plants and animals	management plan needed for rare plants		

2009 Projects

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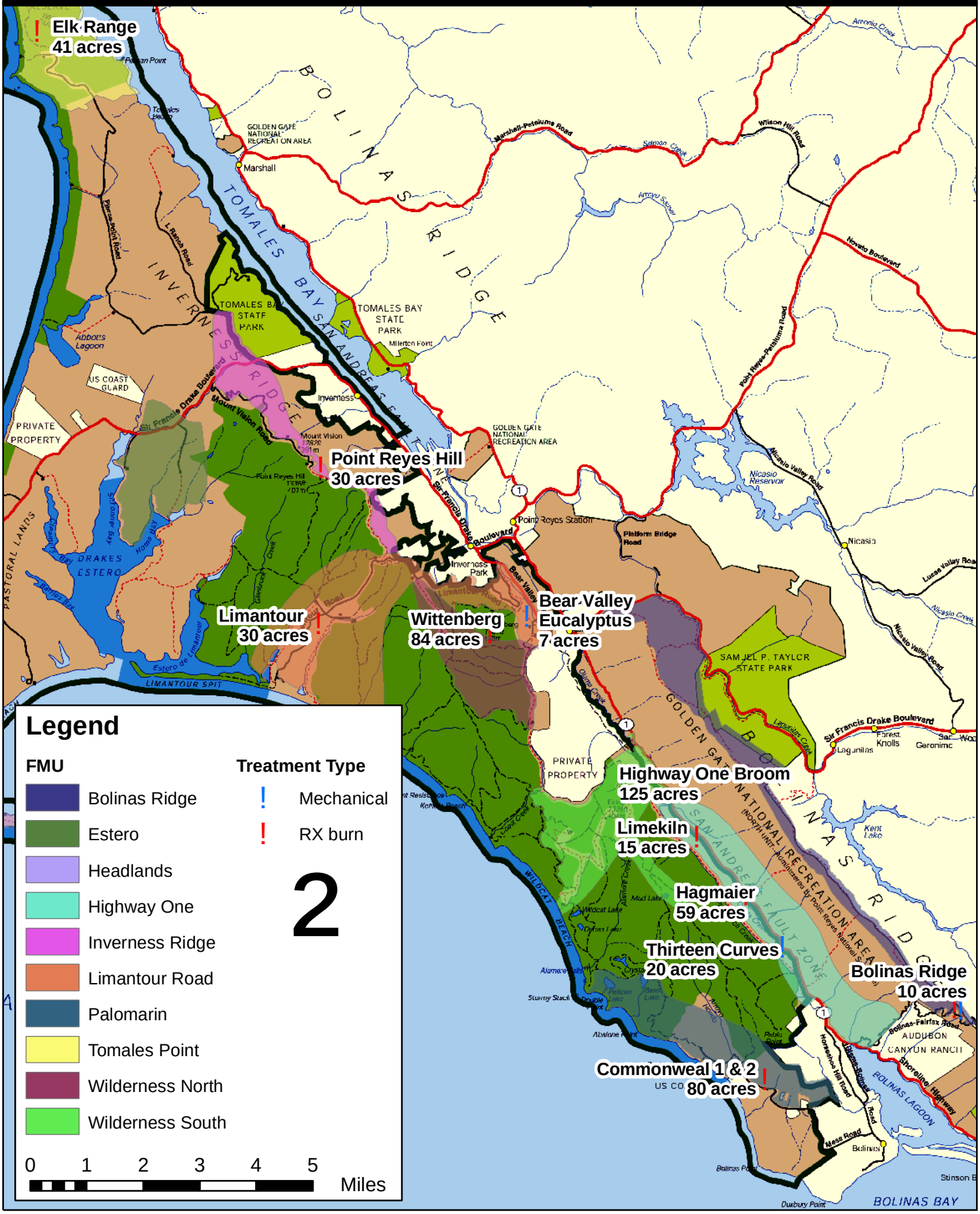
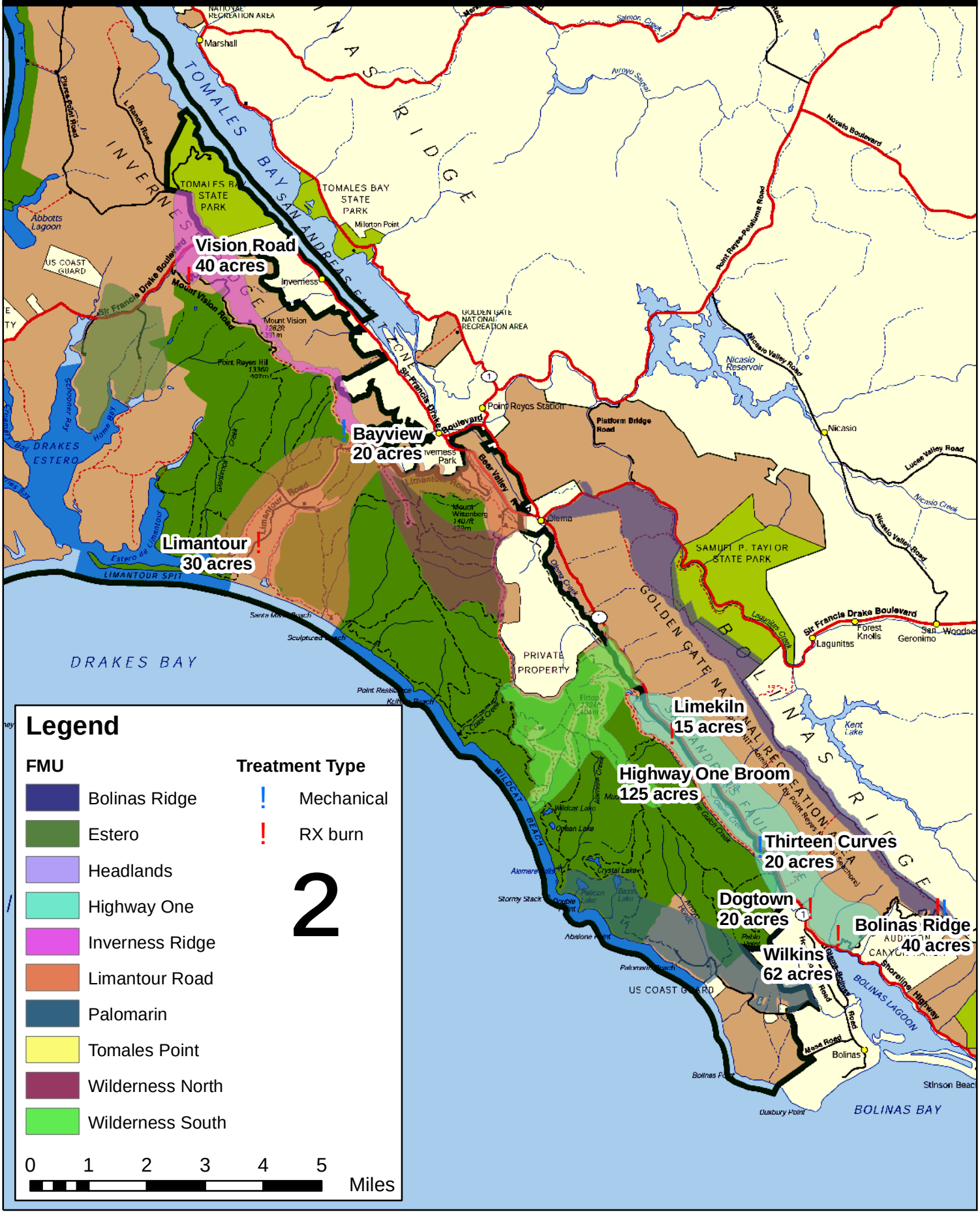


YEAR 2010

	Project	FMU	Acres	Project Type	Specifics	%grass	%shrub	% forest/ wdland	Timing	Funding	Last Treated	Maint. Freq.	Issue 1	Issue 2	Obj 1	Obj 2
	RX BURN PROJECTS		**606**													
1	Limantour 7	Limantour	30	Rx		20%	80%	0%	july-sept		2006	4				
4	Bolinas Ridge	Bolinas Ridge	40	Rx		15%	80%	5%	fall		2008	continu-ation				
6	Commonweal 2	Palomarin	69	Rx		20%	80%	0%	fall		1st Treatment					
7	Commonweal 1	Palomarin	11	Rx		20%	80%	0%	july - sept		1st Treatment					
4	Home 3	Estero	71	Rx		100%	0%	0%	aug-nov		2001	2				
5	Home 5	Estero	22	Rx		100%	0%	0%	aug-nov		2001	2				
7	McDonald 1	Hwy One	187	Rx		55%	45%	0%	fall		2001	1 - 2 years				
8	McDonald 2	Hwy One	121	Rx		55%	45%	0%	fall		2001	1 - 2 years				
	Mt. Vision C	Inverness Ridge	40	Rx												
2	Lime Kiln	Hwy One	15	Rx		100%		0%	july - sept		1999	2	French broom	high fuel	Maintain or decrease the % cover of non-native species.	Maintain GEMO at 10% cover. & Obj #3 Hazard reduction on Hwy One.
	MECHANICAL PROJECTS		**335**													
7	Bayview Trail	Limantour	35	mechanical	trimming and chipping	0%	100%	0%	aug-march		2005 & 2007	5				
8	Bolinas Ridge	Bolinas Ridge	15	mechanical	trimming and chipping	0%	50%	50%	aug-march		2006 & 2007	5				
9	Park Defensible Space	All	50	mechanical	maintenance	N/A	N/A	N/A	spring		2009	annual				
10	Highway One Broom Control	Hwy One	150	mechanical	mowing	95%	5%	0%	spring		2007	3				
11	Highway One Eucalyptus Removal - 13 curves	Hwy One	20	mechanical	thinning	0%	0%	100%	aug-march		2009	continu-ation				
12	Highway One Eucalyptus Removal - 13 curves	Hwy One	20	mechanical	chipping and disposal	0%	0%	100%	aug-march		2009	continu-ation				
13	Highway One Eucalyptus Removal - 13 curves	Hwy One	20	mechanical	herbicide	0%	0%	100%	aug-march		2009	continu-ation				
14	Mt. Vision Road	Inverness Ridge	15	mechanical	thinning	0%	0%	100%	aug-march		1st Treatment					
15	Sky Camp	Wilderness North	10	mechanical	felling/pile burning	0%	20%	80%	aug-march		1st Treatment					

2010 Projects

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