

APPENDIX E

Past, Present and Reasonably Foreseeable Future Actions Potentially Contributing to Cumulative Effects _

Past Land Disturbance

Timber Sales

**Table E-1. Eldorado National Forest 10-Year Timber Sale History
(Does not include settlement sales or sales of <10 acres.)**

Timber Sale	Acres	Bid Year	Legal or Area	District	CASPO Sale
Four Corners	250	2006	T11N, R15E	55	
Firefox	907	2006	T11N, R14,15E: T12N, R15E	55	
Ms.Nomer	871	2006	T11N, R15,16E: T12N, R16E	55	
Owl Study	451	2006	T12N, R11E: T13N, R14E	55	
Owl Study II	475	2006	T9,10N, R15E	56	
Treepage	994	2006	T13N, R14E: T14N, R14E	55	
Happy Camp	490	2006	T9,10N, R12,13E	56	
Rockeye	520	2006	T11N, R11E	53	
Picket Pen	250	2006	T12N, R15E: T12N, R14E	55	
Forest Guard	415				
Rocky Knob (Power Fire)	1146	2005	T7N, R15,16E: T8N, R15,16E	51	
Bear River (Power Fire)	1352	2005	T7N, R15E: T8N, R15E	51	
Scott Creek	734	2005	T8N, R13E: T8N, R14E	51	
Grey Eagle	966	2005	T11N, R11E: T12N, R11E	53	
Phat City	2770	2005	T9-11N, R13-17E	56	
Cassoway	500	2004	T11-14N, R13-16E	55	
Last Chance	728	2004	T9N, R13E: T9N, R14E	56	
Mokey Bear	857	2004	T8N, R15E: T7N, R15E	51	
Sun Dawg	949	2004	T12N, R11E: T13N, R11E	53	
Independence	245	2004	T11N, R11E	56	
Plum Fire Haz	50	2003	T10,11N, R14E	56	
Hazel	157	2003	T11N, R13E	56	
Algorythm	300	2003	T11N, R14E: T11N, R1	55	
North Star (Skyline)	87	2002	T14N, R13E, T14N, R14E	53	
North Star (Tractor)	515	2002	T14N, R13E: T14N, R14E	53	
North Star (Heli)	254	2002	T14N, R13E: T14N, R14E	53	
French Fried (Skyline)	73	2002	T14N, R13E	53	
French Fried (Tractor)	318	2002	T14N, R13E	53	
French Fried (Heli)	141	2002	T14N, R13E	53	
WSR Decks	20	2002	T12N, R12E: T12N, R13E; T13N, R13E	53	
Traverse Creek	792	2002	T11N, R11E: T12N, R10E T12N, R11E	53	
Last Fiddle	398	2001	T9N, R14E	56	X
Cobear	1380	2001	T8N, R16E	51	X
Bonkers	597	2001	T10N, R16E	56	X
Beanville	342	2001	T10N, R15E: T11N, R15E	56	X
Baltimore	152	2001	T9N, R14E: T10N, R15E	56	X
Leonardi	975	2001	T13N, R13E; T13, R12E; T12N, R13 E; T12NR13E	53	X
Dubear	940	2001	T9N, R16E; T8N, R15E; T8N, R16E	51	X

Timber Sale	Acres	Bid Year	Legal or Area	District	CASPO Sale
Clear 50 Hazard	25	2001	Hwy 50, Piney Point to Echo Summit	56	X
Flat Rat	628	2000	T13N, R13E: T13N, R12E	53	X
Bullseye	800	2000	T10N, R14E: T10N, R15E	56	X
Simpson	927	2000	T8N, R14E: T9N, R13&14E	56	X
Brushy	216	2000	T13N, R13E: T13N, R12E	53	X
Cat Ridge	740	2000	T8N, R15E, Sec 5,6; T9N, R15E, Sec 26-28	51	X
Cat Lynch 88	1293	2000	T8N, R15E, Sed 1-4,9-12,15,16; T9N, R15E, Sec 35	51	X
Poho Jo	690	2000	T11N, R12E: T11N, R13E; T12N, R12E	53	X
Bosworth	1280	2000	T12N, R15E	55	X
Power Ranger	786	2000	T12N, R14E: T13N, R14E	55	X
Badger	11	2000	T11N, R12E Sec 28	56	X
Ridgerunner	1552	2000	T9N, R13E ;T9N, R14E	56	X
Tanglefoot	220	1999	T8N, R16E, Sec 15,16,20-29,32,33	51	X
Lower Long	848	1999	T13N, R12E: T14N, R13E	53	X
Cullder Ridge Rd Mtnc	680	1999	T10N, R15E: T10N, R16E	56	X
Ioua	255	1999	T11N, R12E	56	X
Crimson Tide	186	1999	T11N, R13E: T12N, R14E	55	X
Gerle Mon	151	1999	T13N, R14E	55	X
Yaberof	857	1999	T13N, R14E: T13N, R15E	55	X
Wharf Rat	1651	1999	T11NR13E: T11N, R14E	55	X
Ironpebble	134	1999	T10N, R14E	56	X
Big Dam	460	1999	T12N, R14E	55	X
Sopiago	875	1999	T8N, R13E,T8N, R14E	51	X
Plumradicull	32	1999	T11N, R13E: T11N, R14E; T10N, R14E	56	X
Third Strike	436	1998	T10N, R15E: T10N, R16E; T11N, R16E	56	X
Cole Loop Haz	220	1998	T8N, R16E	51	X
Jolly Roger	942	1998	T11N, R13E: T12N, R13E	55	X
Cullminator Rd Mtnc	77	1998	T10N, R13E: T10N, R14E; T10N, R15E: T10N, R16E; T9N, R15E: T9N, R16E	56	X
R2H2	971	1998	T13N, R13E: T13N, R14E; T14N, R13E: T14N, R14E	53	X
Whale	1080	1998	T11N, R13E	55	X
Second Fiddle	1485	1998	T9N, R13E: T10N, R13E; T10N, R14E	56	X
Peninsula	170	1998	T11N, R13E,T12N, R14E	55	X
Classic Eldorado	170	1998	T11N, R13E: T11N, R14E; T12N, R14E	55	X
Scallywag	166	1998	T11N, R15,16E: T12N, R14-16E, T13N, R14,15E: T14N, R15E	55	X
Cullagain Rd Mtnc	630	1998	T9N, R15,16E: T10N, R15E, 16E&17E: T11N, R15,16,17E	56	X
Small Rock	43	1998	T12N, R14E	55	X
Pinnacles	1001	1998	T14N, R14E: T14N, R15E	55	X
Middle Middle Fork	2123	1997	T8N, R114E: T8N, R15E, T9N, R14E,T9N, R15E	51	X
Fiddler	685	1997	T10N, R13E,T10N, R14E	56	X
NED Rd Mtnc	250	1997	T13N, R13E: T14N, R13E, T114N, R14E	53	X
Nelly	218	1997	T9N, R14E: T9N, R13E; T11N, R14E:T11N, R??E	56	X
SAT Rd Haz	15	1997	T11N, R17E	56	X
Pickle	282	1997	T11N, R12E: T12N, R12E	53	X
Granite Springs Rd Mtnc	270	1997	T11N, R14E: T11N, R15E	56	X
Bear Fir	500	1997	T14N, R13E,T13N, R13E	53	X
Ham's Station	580	1997	T8N, R15E	51	X
Single Felix	40	1997	T12N, R14E	55	X
Narrow Gauge	91	1997	T8N, R14E	51	X
Windjammer	84	1997	T11N, R14E; T12N, R13E	55	X

Timber Sale	Acres	Bid Year	Legal or Area	District	CASPO Sale
Sciaroni	200	1997	T10N, R13E	56	X
Web Sisters Rd Mtnc	15	1997	T11N, 12N, R14,15E	55	X
Highlander	300	1997	T12N, R13E: T14N, R14,15E	55	X
Valhalla	309	1996	T11N,T12N, R15E	55	X
Clem Jr.	157	1996	T12, 13N, R11E	53	X
Northwest Rd Haz	313	1996	T8, 9N, R13,14,15E	51	X
Southwest Rd Haz	256	1996	T7, 8N, R15	51	X
Baltic Peak	124	1996	T10N, R13E	56	X
Raven's Call	164	1996	T12, 13N, R14,15E	55	X
Emerald Forest	201	1996	T12,13N, R14E	55	X
Lower Middle Fork	1414	1996	T8, 9N, R13,14E	51	X
Railroad	286	1996	T13N, R11E	53	X
Clementine	679	1996	T12N, R11E	53	X
Stereoisomer	49	1996	T12N, R14E	55	X
Bottom Feeder	50	1996	T12N, R13E	55	X
Micestick	510	1996	T9, 10N, R14,15,16E	56	X
Deadhorse	189	1996	T13N, R14,15E	55	X
Sun Rock Café	213	1996	T12, 13N, R15E	55	X
Lucky Pierre	228	1996	T11, 13N, R14,15E	55	X
Pinchot's Pride	254	1996	T12N, R14E	55	X
Far Side	177	1996	T13N, R14E	55	X
Cleveland Edge (Monkey Boy)	170	1996	T11N, R13,14E: T12N, R14E	55	X
BMW	113	1996	T10N, R13E: T10N, R14E	56	X
Icehouse CG	15	1996	T11N, R15E	55	X
Union Blues	94	1996	T12N, R14E	55	X
Camp Creek	10	1996	T7N, R15E	51	X
Pothole	240	1996	T11N, R13, 14, 17,18E	56	X
Total	57,502 acres				

Present Land Disturbance

Timber Sales

Firefox Fuels Reduction Project on the Pacific Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), tractor piling and pile burning in various timber stands on approximately 848 acres within Strategically Placed Area Treatments (SPLATS) and Defense and Threat zones of Urban Interface. The project will require approximately 11 miles of road reconstruction.

Georgetown and Pacific Road Maintenance Project removes hazard trees and performs routine maintenance as needed (grading, brush removal and culvert cleaning) along selected roads to reduce hazards to the public and permit unimpeded administrative access. Approximately 50 miles of road have been treated to date (November 2006), none of which required reconstruction.

Gold Finger Fuels Reduction Project on the Amador Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), tractor piling and pile burning to reduce ladder and surface fuels on approximately 829 acres in the Defense and Threat zone of the Urban Interface. The project will require approximately 27.84 miles of road reconstruction/maintenance. T8N, R13E, Sections 2, 3, and 10-12; T8N, R14E, Section 7.

Prospect Rock Fuels Reduction Project on the Amador Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), mastication, tractor piling and pile burning to reduce ladder and surface fuels on approximately 976 acres within the Wildland Urban Interface of Amador and Eldorado counties. The project will require approximately 13.70 miles of road reconstruction/maintenance.

Noxious Weed Management

The forest has been treating invasive species since 2002. Nearly 50 percent of noxious weed infestation is alongside forest roads, suggesting that some species may have been introduced through the visitation of vehicles from off-forest locations where propagation of noxious species may already be problematic. Since noxious weed treatment began in 2002 the forest has treated about 22 miles of road per year, resulting to date in a net loss of the spread of species such as Yellow Star Thistle. Other species such as Skeletonweed, however, are on the rise, particularly along roadsides.

Grazing

Upcoming proposed actions regarding grazing allotments on the Eldorado over the next year are:

Cody Meadow and Sherman Grazing Allotments on the Placerville Ranger District will be issued new grazing permits to operate under revised allotment management plans, incorporating the Sierra Nevada Forest Plan Amendment direction, leading the allotment toward desired conditions. These allotments comprises 52,183 acres, 48,658 of which are national forest lands.

Chipmunk Grazing Allotment on the Georgetown Ranger District will be issued a new grazing permit to operate under a revised allotment management plan, incorporating the Sierra Nevada Forest Plan Amendment direction, leading the allotment toward desired conditions. The allotment comprises 36,770 acres, 18,545 of which are national forest lands.

Nevada Point Grazing Allotment adjacent to the Chipmunk Allotment on the Georgetown Ranger District will undergo range evaluation for grazing with Sierra Nevada Forest Plan Amendment direction. The allotment comprises 32,950 acres, 23,700 of which are national forest lands.

Foreseeable Future Land Disturbance

Timber Sales

Alder Fuels Reduction Project on the Placerville Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), tractor piling and pile burning to reduce ladder and surface fuels on approximately 4000 acres in the upper and lower Alder Creek watersheds. The project will likely require approximately 15 miles of road reconstruction and one mile of new temporary road construction. T10 N R15 E, sections 9-11, 13-15, 19-29, and 33-35 T9N R15E, section 2. Project is located within the Upper and Lower Alder Creek watersheds north of Mormon Emigrant Trail.

Big Grizzly Fuels Reduction Project in the northeast area of Georgetown Ranger District from Big Grizzly Canyon to Hell Hole Reservoir will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), mastication, underburning, tractor piling and pile burning to reduce surface and ladder fuels on approximately 1000 acres of plantations and natural stands. Project requirements for road reconstruction and/or temporary new road construction are unknown at this time.

Cement Hill Fuels Reduction Project on Georgetown Ranger District will employ fuel reduction activities combining understory thinning (the cutting and removal of commercial and non-commercial sized trees), tractor piling, pile burning and follow-up prescribed burning to reduce surface and ladder fuels on approximately 250 acres. The project will require approximately .6 miles of road reconstruction.

Crouching Tiger Fuels Reduction Project on the Amador Ranger District will reduce fuels by mastication of brush and small trees on approximately 100 acres along Tiger Creek and the North Fork Mokelumne River. The project will not require road reconstruction or new construction. T7N, R14E Sections 9-13 and 17-20, Forest Service lands along Tiger Creek and the North Fork Mokelumne River

Ghoatsbuster Fuels Reduction Maintenance Project on the Pacific District will employ the selective use of goats to browse understory trees on approximately 750 acres annually to reduce the quantity of flammable fuels for 1-5 years, with implementation for years 2-5 dependent on results of cost and effectiveness monitoring. Impacts monitored include hoof compaction and effects of animal waste. Animals would treat approximately 300 feet on either side of roads in the Peavine ridge, Telephone Ridge and Jaybird Ridge fuel break areas.

Hartless Ridge Fuel Reduction Project along Wentworth Springs between Icehouse Road and Stumpy Meadows on the Pacific and Georgetown Ranger Districts will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), mastication, underburning, tractor piling and pile burning to reduce surface and ladder fuels on approximately 700 acres of plantations and natural stands. Project requirements for road reconstruction and/or temporary new road construction are unknown at this time.

Hey Joe Fuels Reduction Project in the Poho Ridge area of the Georgetown Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), mastication, underburning, tractor piling and pile burning to reduce surface and ladder fuels on approximately 964 acres of plantations and natural stands. Project requirements for road reconstruction and/or temporary new road construction are unknown at this time.

Iron Trap Fuels Reduction Project on the Placerville Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), vegetation treatments, tractor piling and pile burning to increase fire resiliency of approximately 2000 acres within SPLATS and Defense and Threat Zones of Urban Interface along Morman Emigrant Trail. The project will require approximately 13.56 miles of road reconstruction/maintenance.

John Doe (John Don't) Fuels Reduction Project on the Pacific District near Wrights Lake will employ fuel reduction activities combining understory thinning (the cutting and removal of commercial and non-commercial sized trees), tractor piling, pile burning and follow-up prescribed burning in mixed conifer and red fir stands on approximately 456 acres to improve fire and insect resiliency. The project will require approximately 1.56 miles of road reconstruction. Primary treatment is directed towards treating strategically placed units within the urban interface.

Mace Fuels Reduction Project on Georgetown Ranger District will employ a prescribed understory maintenance burn on approximately 214 acres in the Darling Ridge area. The project will not require any road reconstruction or new construction, and will involve minimal line construction, using existing trails as fire line when possible. T12N, R11E, Sections 4 & 9, Mill road off Balderston road in the Darling Ridge area of Georgetown Ranger District.

Meadowlark Fuels Reduction Project on the Placerville Ranger District will reduce fuels by mastication approximately 200 acres of brush adjacent to Sly Park Road. The project will not require road reconstruction or new construction.

Miss Fire Fuels Reduction Project, on the Pacific Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), tractor piling and pile burning on approximately 895 acres in various timber stands within Strategically Placed Area Treatments (SPLATS) and Defense and Threat zones of Urban Interface. The project will require approximately 10.38 miles of road reconstruction.

O'Leary's Cow Fuels Reduction Project in the Crystal Basin area of the Pacific Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), mastication, tractor piling and pile burning on approximately 962 acres in Strategically Placed Area Treatments (SPLATS), Defense and Threat zones of Urban Interface and 15-40 year old plantations. The project will require approximately 6.68 acres of road reconstruction.

Quintette Fuels Reduction Project, located in the Rock Creek Drainage area on the Georgetown Ranger District, will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), mastication, tractor piling and pile burning on approximately 4000 acres in Wildland Urban Interface and Strategically Placed Area Treatments (SPLATS). The project will require approximately 40 miles of road reconstruction and .9 miles of temporary new road construction. This project is the consolidation of the previous Swan, Slate Mountain, Sugarloaf and Quintette fuels projects.

Roundabout Fuels Reduction Project on Georgetown and Pacific Ranger Districts will reduce fuel loads by mastication of approximately 870 acres of surface and ladder fuels primarily in plantations within urban interface & identified SPLATS at locations on the two districts. The project will not require road reconstruction or new construction.

Smarty Jones Fuels Reduction Project on the Pacific Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), tractor piling and pile burning in various timber stands on approximately 835 acres within Strategically Placed Area Treatments (SPLATS) and Defense and Threat zones of Urban Interface. The project will require approximately 6 miles of road reconstruction.

Windmill Plant Collection Area Prescribed Burn on the Pacific District will employ prescription burning on approximately 90 acres to reduce existing surface fuel loading that will allow easier access to the plant collection site and aid in the propagation of plants traditionally used in basketry, as medicine or as a food source. T11N, R14E, SE ¼, Section 15 and SW ¼ Section 14.

X Factor Fuels Reduction Project on the Pacific Ranger District will employ fuel reduction activities including understory thinning (the cutting and removal of commercial and non-commercial sized trees), tractor piling and pile burning on approximately 425 acres in various timber stands within Strategically Placed Area Treatments (SPLATS) and Defense and Threat zones of Urban Interface. Project requirements for road reconstruction and/or temporary new road construction are unknown at this time.

Proposed Timber Harvests on Private Lands within Eldorado National Forest: The California Department of Forestry and Fire Protection currently lists a total of 2,752 acres of private land within the Eldorado National Forest administrative boundary for which timber

harvest plans have been submitted. Those projects are listed in Table B-2 below by county and watershed.

Table E-2. Proposed Timber Harvests on Private Lands within Eldorado National Forest

County	CalWatershed	Legal Description	THP Number	Acreage
Eldorado	Bald Mountain Canyon	T11N R11E Sec. 1, 3	4-06-045-ELD	430
	Beanville Creek	T11N R15E Sec. 3, 4, 9	4-05-043-ELD	885
	Canyon Creek	T13N R11E Sec. 29	4-06-041-ELD	35
	Grays Creek	T11N R13E Sec. 29 T11N R13E Sec. 29	4-05-061-ELD 4-06-038-ELD	123 3
	Round Tent Canyon	T10N R13E Sec. 1	4-06-037-ELD	403
Placer	Chipmunk Creek	T14N R13E Sec. 22, 28	2-06-152-PLA	144
	Hell Hole Reservoir	T14N R14E Sec. 11, 15, 23, 27	2-06-141-PLA	729
Grand Total				2,752

Recreation Projects

Barrett Lake Jeep Trail Reroute and Bridge Crossing Project on the Pacific District will reroute approximately ½ mile of the Barrett Lake Jeep Trail that currently crosses through Jones Fork Silver Creek, constructing a single lane bridge at the creek crossing.

Bassi Falls Hiking Trail Project on the Pacific Ranger District proposes to construct a trail about 2 miles in length between Millionaire Camp and Bassi Falls. Accompanying trailhead facilities will include toilets and graveled or paved parking areas. T12N, R15E Sections 17, 18, 19, 20.

Frisco Ford Watershed Restoration Project on the Pacific Ranger Station will obliterate user-created roads or trails in a popular dispersed camping area on Jones Fork Silver Creek. The area will remain open to dispersed camping, but wheeled vehicle access will be drawn back from the creek and limited to the national forest road. An area of about .1 mile will be blocked from vehicle access by rock and log barriers. The area will be scarified to reduce compaction and mulched with native straw.

Mud Lake Trailhead Project on the Amador Ranger District will provide a trailhead/staging area for off-highway vehicle loading and unloading on road 17E24. The Forest Service will resurface less than ½ mile of road in exchange for right-of-way across a portion of private land in order to provide trailhead access to street-legal vehicles. T9N R17E, Sections 7, 18.

Van Vleck Subalpine Meadow Restoration Project on the Pacific District will employ prescribed burning and some mechanical treatment to remove invading trees and restore the function of the meadow complex. No road reconstruction or new construction will be necessary in this non-motorized area.

Other Projects

Baltic Lookout Decommissioning Project on the Placerville Ranger District will provide for the removal of the no longer used fire lookout tower from Baltic Peak. If removal of the components is by truck rather than by helicopter, ½ mile or less of road reconstruction will be required to allow heavy equipment passage. T10N R13E Sections 26, 27.

Middle Fork Surge Shaft Repair Project on the Georgetown Ranger District will authorize Placer County Water Agency to use national forest system lands and roads to conduct repairs to the Middle Fork Surge Shaft. A rock crushing site and the subsequent application of rock to approximately 4.1 miles of road will be required for the project. Project construction work areas will be plated with base rock. Drainage measures, erosion controls and sediment traps will be installed at these sites as needed. T14N, R12E, SE 1/4 section 36, T13N, R12E, portions of sections 1, 2, 10, 11.

PG&E Transmission Line Separation Project on Georgetown Ranger District will enable PG&E to remove their transmission lines between Middle Fork Powerhouse and substations at Foresthill & Gold Hill from FERC license #2479 for these facilities, as ordered by the Federal Energy Regulatory Commission. The project will require PG&E to obtain a special use permit from both the Eldorado and Tahoe national forests. On the Eldorado, the easement area totals 105.4 acres. Road reconstruction or maintenance may be required on both system and non-system roads within the project area to allow for the passage of machinery.

Rubicon-Siller Land Acquisition Project on the Georgetown Ranger District is a tripartite land for timber exchange between the Shasta-Trinity and Eldorado National Forests and the Trust for Public Land. The USFS would acquire approximately 156 acres of non-federal land in exchange for receipts from timber sales on federal land. Acquisition of the parcel will dismiss right-of-way issues on sections of any Forest Service system trails which pass through it.