

FORESTED STATE TRUST LAND 2009 WORK PLAN

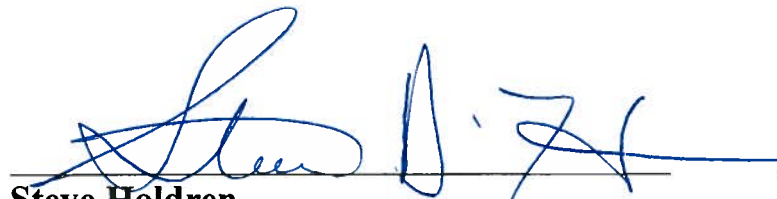
COLORADO STATE FOREST SERVICE

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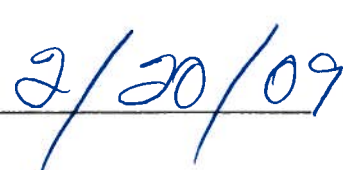
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Approved by the State Board of Land Commissioners



Steve Holdren
State Land Board President



Date

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**FORESTED STATE TRUST LAND
2009 WORK PLAN**

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Executive Summary

This summary and tables referenced are compiled from the list of projects submitted by the individual Colorado State Forest Districts involved with state trust land management. For project detail, refer to the individual projects, but the overall 2009 Forested State Trust Land Work Plan is as included in this Executive Summary.

The 2009 Forested State Trust Land Work Plan proposes a mix of forest product sales and state land improvements that are consistent with existing management plans. Objectives stressed in these plans include the improvement of forest health, which at this time has increased the need for insect and disease prevention and suppression activities, along with harvests to salvage wood from insect killed stands. Colorado State Forest Service (CSFS) foresters actively monitor the health of the State's forests, and in the case of forested state trust lands, they propose projects as needed to protect and improve forest condition and to generate revenue for the various trusts. All of the projects included in this plan have been discussed with Colorado State Land Board district managers prior to being submitted.

The present economic situation is impacting the availability of mills and resultant markets for our timber resources. Our Colorado Wood Marketing and Utilization Program continues to encourage and assist in business development to help overcome this problem. Two wood pellet mills have come on line to utilize woody biomass, but with the huge die off of trees in our forests, there is a large supply of material at this time.

Revenue generated from forest products sales is dynamic, since many projects are implemented over multiple years. Projected gross revenue from 109 projects to be initiated or continued in 2009 is approximately \$867,182 (see Table 1); 40% of this (less the funds previously approved to be provided for stewardship and insect outbreaks) will be Land Board receipts. This revenue should be realized as projects are completed over the next 3 years. As in any land management and economic activity, completion of projects is dependent on markets and resources being available.

A portion of the revenue comes from state land improvement (SLI) activities where the cost of doing the activity is more than revenue generated from it. These SLI projects are needed to protect the forest resources from fire, insects and disease and to improve product potential from the various forest stands. Other SLI projects do not generate revenue, but are proposed for the same reasons. In addition, other non-revenue generating SLI projects are proposed for a variety of purposes including planning, monitoring, and general stewardship of the state trust lands. In the 2009 work plan, CSFS districts proposed SLI projects with an estimated cost of \$196,840 (see Table 1). Fuels management funds provided through state legislation, along with federal funds provided for fuels mitigation and insect and disease suppression have been utilized extensively by our districts to protect and manage our forested state lands. Managing these projects and administering the various grants is time consuming, but well worth the benefit when applied to the ground.

Several ongoing activities are intended to continue the land stewardship and public education mission of the CSFS and partners. Ongoing water quality and other monitoring, intended to assess ecosystem health and the impacts of management, continues on the State Forest. This monitoring insures the management activities carried out on state trust lands continues to support and enhance a healthy forest ecosystem. A recent audit of our Forestry Best Management

Practices to protect water quality showed very good application and effectiveness of BMPs on our state lands.

The State Land Board has been authorizing an additional \$30,000 of proceeds annually from forest product sales to provide an additional forester to help monitor, plan, and implement bark beetle suppression and prevention on the State Forest. Forest Health Prevention and Suppression funding provided through the USDA Forest Service helps support this at the State Forest as well as on other state trust lands.

Colorado Division of Parks and Outdoor Recreation, the State Land Board and Colorado State Forest Service continue with a cooperative approach to addressing the bark beetle epidemic on the State Forest. This approach demonstrates how proper forest management can address commodity, as well as recreational, aesthetic and other forest amenities provided by our State Forest. The portion of the work plan for the State Forest reflects this program. The spread of the bark beetle has expanded this effort beyond the State Forest to other state land parcels.

The district wide forested state trust land management planning initiated in 2007 is in progress. New special analysis technologies are enabling CSFS to develop these plans using a GIS-based data entry tool called WebDet, supported by USFS. Previous estimates to time involved and resources needed to complete these district wide plans were low. A spatial analysis for state trust lands with trees has identified roughly 600,000 acres of potentially forested state trust lands in Colorado. Our foresters are doing a thorough analysis of forest product potential from these lands as part of their planning efforts. An increased awareness of product potential from these planning efforts has potential to increase state land revenue. Thorough forest reconnaissance and inventory information provided by these plans will be essential to sustained management of the forests on state trust lands. This will help in meeting the challenge of providing revenue to support the need for stewardship of the lands.

In 2007, CSFS and SLB staff members were successful in preparing and presenting the “Significant Users of Prescribed Fire” planning document to meet requirements of the Colorado Smoke Management Program. Increased prescribed burning on state trust lands has resulted in our reaching the threshold that required this planning document. SLB district managers have identified old slash piles and potential prescribed burn projects with our foresters. Increased burn permit fees associated with this program are being absorbed within the CSFS fuels management program at this time.

The following tables provide an overview of treatments and SLI projects proposed for 2009. Table 1 summarizes proposed treatments and State Land Improvement projects, while Table 2 summarizes treatments continued from 2008. The remainder of this document provides a project-by-project review of proposed CSFS district activities on forested state trust lands. It is not intended to be a comprehensive review of each project, but rather it provides a summary of the extent, variety and distribution CSFS activities on state trust lands. All estimates of direct costs and project values are based on the experience of field staff. Exact amounts are established through agency contracting and product sale advertisement procedures.

TABLE 1
2009 FORESTED TRUST LAND WORK PLAN
Summary of Treatments¹ and State Land Improvement (SLI) Projects²
 To be Initiated or Continued in 2009

CSFS DISTRICT	TREATMENT NUMBERS / ACREAGE	ESTIMATED GROSS REVENUE	ESTIMATED SLB ³ REVENUE	SLI FUNDS REQUEST	SLI REQUEST DETAIL
Alamosa	20/1,080	\$77,540	\$31,016		
Canon City	13/1,115	\$22,620	\$9,048	\$400 \$40,000	Pres. burn – slash piles on 7 parcels – estimated cost is \$40,000 – funded by CSFS fuels management funds Dist. wide state land plan (40,000 ac.)
Durango	13/2,425	\$182,750	\$73,100	\$12,000 \$0	Dist. wide state land plan (12,000 ac.) Four wildfire hazard reduction projects - 160 acres on 4 parcels – \$72,000 of Federal Allard funds have been obligated
Fort Collins	9/1,061	\$26,000	\$10,400	\$0 \$0 \$0 \$0 \$0	15 ac. Thinning TSI 33 ac. Thinning TSI 3 ac. Thinning TSI 5 ac. Thinning TSI 5 ac. Thinning TSI funded by CSFS fuels management funds

¹ **Treatments** are forest management practices that are included in a forest management plan and that produce revenue through the sale of forest projects such as logs, post, poles, firewood, boughs, and transplants.

² **State Land Improvement (SLI)** projects do not produce net revenue. Instead, these projects invest in forest health, protection and productivity and are funded by state trust land forest product sale revenue and other sources.

³ **State Land Board (SLB)**

TABLE 1 (Continued)
2009 FORESTED TRUST LAND WORK PLAN
Summary of Treatments¹ and State Land Improvement (SLI) Projects²
To be Initiated or Continued in 2009 (continued)

CSFS DISTRICT	TREATMENT NUMBERS / ACREAGE	ESTIMATED GROSS REVENUE	ESTIMATED SLB ³ REVENUE	SLI FUNDS REQUEST	SLI REQUEST DETAIL
Golden	5/329	\$2,000	\$800	\$0	22 ac. Pres. burn slash (Bergen Pk SWA) and thinning \$0 10 ac. Thinning - fuels reduction \$0 5 ac. Thinning \$0 20 ac. Thinning \$0 250 ac. Prescribed burn - fuels reduction funded by CSFS fuels management funds \$0 Staunton State Park - wildfire hazard reduction - acreage yet to be determined – funded by FEMA and GoCo funds.
Granby	3/400	\$23,000	\$9,200	\$0	
Gunnison	2/89	\$14,550	\$5,820	\$0	
La Veta	7/2,380	\$20,100	\$8,040	\$0	
Salida	5/221	\$1,900	\$760	\$940	Forest recon survey of 2 parcels
Steamboat Springs	8/390	\$40,000	\$16,000		

⁴ **Federal Emergency Management Agency** – Colorado State Forest Service was awarded a 2 ½ million dollar Pre-Disaster Mitigation grant from FEMA which Colorado State Parks and Recreation Department are matching with GoCo funds to mitigate wildfire on 7 Colorado State Parks, some of which contain SLB properties.

TABLE 1 (Continued)
2009 FORESTED TRUST LAND WORK PLAN
Summary of Treatments¹ and State Land Improvement (SLI) Projects²
To be Initiated or Continued in 2009 (continued)

CSFS DISTRICT	TREATMENT NUMBERS / ACREAGE	ESTIMATED GROSS REVENUE	ESTIMATED SLB³ REVENUE	SLI FUNDS REQUEST	SLI REQUEST DETAIL
State Forest	7/762	\$413,000	\$165,200	\$2,000 \$10,000 \$2,500 \$6,000 \$1,000 \$10,000 \$20,000 \$2,500 \$2,000 \$30,000	Aquatic macro-invertebrate monitoring Road maintenance Facility work Water quality monitoring Nox. weed control Ed. Programs Forest inventory Prescribed burning – slash piles Site preparation Bark beetle monitoring/control (SLB authorized funding)
Woodland Park	17/1,725	\$43,722	\$17,490	\$0	200 ac. Pile burn - funded by CSFS fuels management funds
Bark Beetle Monitoring and Response				\$25,000	To be distributed as needed
Forest management plan development and updates				\$25,000	To be distributed as needed
Noxious Weed Response				\$7,500	To be distributed as needed
TOTALS	109/11,977	\$867,182	\$346,873	\$196,840	

TABLE 2
2009 FORESTED TRUST LAND WORK PLAN
 Summary of Treatments Continued¹ from 2008

CSFS DISTRICT	TREATMENT NUMBERS / ACREAGE	ESTIMATED GROSS REVENUE	ESTIMATED SLB³ REVENUE
Alamosa	9/520	\$35,380	\$14,152
Canon City	2/179	\$1,700	\$680
Durango	11/2,165	\$164,750	\$65,900
Ft. Collins	5/1016	\$2,000	\$800
Golden	4/59	\$0	\$0
Granby	1/300	\$7,000	\$2,800
Gunnison	2/89	\$14,550	\$5,820
LaVeta	6/2,260	\$17,300	\$6,920
State Forest	3/306	\$333,000	\$133,200
Steamboat Springs	6/290	\$35,000	\$14,000
Woodland Park	11/1,180	\$23,936	\$9,574
TOTALS	63/8,524	\$634,616	\$253,846

¹**Continued Treatments** are those forest management practices previously approved by the State Land Board that are in various stages of implementation. Only that portion of Estimated Total Revenue relative to the extent of project completion has been received for these projects.

²**State Land Board**

Introduction

Projects are listed by CSFS district or field unit and are categorized as follows:

Proposed Treatments: Forest product harvests that are consistent with the parcel's forest management plan. These projects are intended to create positive cash flow.

Continued Treatments: Forest product harvests, approved in a prior *Annual Work Plan*, which are consistent with the parcel's forest management plan. These projects are intended to create positive cash flow.

Proposed State Land Improvement Projects: Vegetation management, access development or other projects intended to protect or enhance forest health and productivity. These projects are a program expense and are funded by available forest product sale revenue.

Continued State Land Improvement Projects: Vegetation management, access development or other projects, approved in a prior *Annual Work Plan*, intended to protect or enhance forest health and productivity. These projects are a program expense and are funded by available forest product sale revenue.

Previously Approved Projects, Postponed Until Later Date: Any project approved in a prior *Annual Work Plan* that has been postponed for any reason. Postponement may result from changes in forest product markets, agency staffing changes, planning priorities, or other unforeseen factors.

Each listing provides a brief project description. **Proposed Treatments** include a number of traditional and nontraditional forest management activities. These activities carry various labels and will be employed to meet stewardship objectives. Most of the proposed practices are intended to manage existing forest vegetation. "**Improvement** and **sanitation thinning**, as well as **Timber Stand Improvement** (TSI) are intended to minimize insect and disease damage and to stimulate forest vigor. **Salvage** projects harvest standing dead or dying trees both to utilize available material and to reduce fuel loading, thus reducing wildfire hazards. **Group selection** and **shelterwood** refer to the harvest of some portion of the overstory trees (usually 1/3 or less) to stimulate new seedling growth in preparation for forest regeneration sometime in the future. **Transplants** refers to the practice of removing small, live trees to be replanted in a landscape setting. This practice is generally used in overcrowded forest stands to reduce competition and to stimulate growth of residual trees. **Patch cuts** and **clear cuts** refer to harvests ranging from less than one acre to numerous acres that are commonly used to regenerate over-mature or declining forest stands.

Proposed **State Land Improvement** (SLI) projects take several forms. **Pre-commercial thinning** practices thin dense forest stands that are not yet of commercial value in order to allow remaining trees to grow. Such projects do not initially generate revenue from products, but insure that the future forest will be much more healthy and productive. Several road maintenance projects are suggested to maintain access and minimize soil erosion. **Reforestation** projects are proposed to reestablish forest trees on areas that have not regenerated naturally. **Prescribed burns** are planned either to prepare sites for regeneration, to reduce wildfire fuels, or to enhance wildlife habitat. Proposed noxious weed control projects will either improve range condition or encourage forest regeneration. Monitoring projects measure various ecological factors in an effort to both establish baseline data and identify environmental impacts of land management activities.

2009 State Trust Land Work Plan

District: Alamosa

Continued Projects from Prior Years - Alamosa

County:	Conejos County
Legal Description:	T35N, R6E, sections 18, 19, 20
Size:	70
Common Name of Property:	La Jara Reservoir
Prescription:	Salvage - post harvest / firewood
Species:	aspen
Product to be Harvested:	firewood
Volume of Product:	300 cords
Estimated Direct Cost:	2160
Estimated Value:	3600
Estimated Duration:	2
Other Benefits:	This project will provide firewood to the local public. It will remove down and dead fuel, thin stressed trees and provide for natural regeneration.
Other Information:	
Primary Purpose:	This practice is recommended for revenue generation and aspen regeneration to improve forest health.
County:	Conejos County
Legal Description:	T34N, R5E, sections 10,11,12,13,24
Size:	30
Common Name of Property:	La Jara Reservoir; Black Mountain area
Prescription:	Thinning - selective harvest
Species:	spruce-fir
Product to be Harvested:	sawlogs, post and pole, firewood
Volume of Product:	50 MBF
Estimated Direct Cost:	1500
Estimated Value:	2500
Estimated Duration:	2
Other Benefits:	This will provide improved grazing for livestock and wildlife, remove hazardous fuels, and provide forest products to the local community.
Other Information:	
Primary Purpose:	Improvement of forest health by decreasing susceptibility to spruce budworm.

District: Alamosa

Continued Projects from Prior Years - Alamosa

County: Conejos County
Legal Description: T34N, R5E, sections 1,2,11,12
Size: 100
Common Name of Property: La Jara Reservoir, Beaver/Twin Lakes area
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: transplants
Volume of Product: 2000 stems
Estimated Direct Cost: 7200
Estimated Value: 12000
Estimated Duration: 1
Other Benefits: Forest products will benefit the local economy.
Other Information:
Primary Purpose: Revenue generation and improvement of forest health. Removal of small aspen will reduce competition for light and nutrients in the residual stand.

County: Rio Grande County
Legal Description: T40N, R4E, sections 20,28,33
Size: 40
Common Name of Property: Shaw Creek
Prescription: Thinning - fire wood harvest
Species: piñon/juniper
Product to be Harvested: firewood
Volume of Product: 100 cords
Estimated Direct Cost: 720
Estimated Value: 1200
Estimated Duration: 1
Other Benefits: This project will also provide improved grazing for livestock and wildlife, remove hazardous fuels, and provide forest products to the local community.
Other Information:
Primary Purpose: This practice enables us to remove fuels and improve the health and vigor of the remaining stand while generating revenue.

District: Alamosa

Continued Projects from Prior Years - Alamosa

County: Conejos County
Legal Description: T35N, R5E, sections 35 & SW 1/4 36
Size: 80
Common Name of Property: La Jara Reservoir
Prescription: Thinning - fire wood harvest
Species: aspen
Product to be Harvested: firewood, poles
Volume of Product: 80 tons, 200 cords
Estimated Direct Cost: 1296
Estimated Value: 2160
Estimated Duration: 2
Other Benefits: This project will remove the existing stand to regenerate healthy aspen and provide forest products to the local community. Grazing opportunities will increase. This project will also remove hazardous fuels from the stand.

Other Information:

Primary Purpose: Revenue generation and improvement of forest health through regeneration of aspen stands.

County: Conejos County
Legal Description: T32N, R6E, sec. 16
Size: 30
Common Name of Property: Osier Park
Prescription: Thinning - fire wood harvest
Species: aspen
Product to be Harvested: firewood
Volume of Product: 40 cords
Estimated Direct Cost: 288
Estimated Value: 480
Estimated Duration: 2
Other Benefits: This project will thin existing stand and provide forest products to the local community. Also, product removal will increase forage for livestock and wildlife

Other Information:

Primary Purpose: This practice is intended to cut out patches of dead and dying aspen to promote aspen regeneration.

County: Rio Grande County
Legal Description: T40N, R4E, sections 16,30
Size: 20
Common Name of Property: Agua Ramon
Prescription: Thinning - fire wood harvest
Species: piñon/juniper
Product to be Harvested: firewood
Volume of Product: 60 cords
Estimated Direct Cost: 432
Estimated Value: 720
Estimated Duration: 1
Other Benefits: This project will also provide improved grazing for livestock and wildlife, remove hazardous fuels, and provide forest products to the local community.

Other Information:

Primary Purpose: This practice enables us to remove fuels and improve the health and vigor of the remaining stand while generating revenue.

District: Alamosa

Continued Projects from Prior Years - Alamosa

County: Conejos County
Legal Description: T34N, R6E, sections 4,5,9,10
Size: 120
Common Name of Property: La Jara Reservoir
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: transplants
Volume of Product: 3000 stems
Estimated Direct Cost: 7200
Estimated Value: 12000
Estimated Duration: 2
Other Benefits: This project will thin existing stand of aspen and provide forest products to the local community. Grazing opportunities will increase.

Other Information:
Primary Purpose: Revenue generation and improvement of forest health. Removal of small aspen will reduce competition for light and nutrients in the residual stand.

County: Conejos County
Legal Description: T34N, R6E, sec. 36
Size: 30
Common Name of Property: Ra Jadero Canyon
Prescription: Salvage - post harvest / firewood
Species: mixed conifer
Product to be Harvested: firewood
Volume of Product: 60 cords
Estimated Direct Cost: 432
Estimated Value: 720
Estimated Duration: 1
Other Benefits: This project will remove ground and ladder fuels and remove standing dead and dying trees. Grazing opportunities will increase with the removal of this debris.

Other Information:
Primary Purpose: This practice is recommended to remove woody material in a safe and effective manner.

District: Alamosa

Previously Approved Projects, Postponed Until a Later Date - Alamosa

County: Conejos County
Legal Description: T35N, R6E, sec. 15, 22
Size: 50
Common Name of Property: La Jara Reservoir @ Gallegos
Prescription: Prescribed burning - broad cast
Species: mixed conifer
Product to be Harvested: n/a
Volume of Product: 50 acres
Estimated Direct Cost: 9000
Estimated Value: 0
Estimated Duration: 1
Other Benefits: Burning will remove ground and ladder fuels and remove standing dead and dying trees. Grazing opportunities will increase with the removal of this debris. This burn will also enhance natural regeneration.
Other Information: State engines and crews will conduct the burns at minimal expense to State Land Improvement funds.
Primary Purpose: This practice is recommended to remove woody material in a safe and effective manner.

County: Conejos County
Legal Description: T35N, R6E, sections 18,20
Size: 30
Common Name of Property: La Jara Reservoir
Prescription: Prescribed burning - slash piles
Species: aspen
Product to be Harvested: n/a
Volume of Product: 75 piles
Estimated Direct Cost: 900
Estimated Value: 0
Estimated Duration: 1
Other Benefits: This burn will remove slash piles and reduce risk of wildfire. Grazing opportunities will increase with the removal of this debris.
Other Information: State engines and crews will conduct the burns at minimal expense to State Land Improvement funds.
Primary Purpose: This practice is recommended to remove woody material in a safe and effective manner.

District: Alamosa

Proposed Projects - Alamosa

County: Conejos County
Legal Description: T35N, R6E, sec. 15, 22
Size: 50
Common Name of Property: La Jara Reservoir @ Gallegos Rx
Prescription: Salvage - post harvest / firewood
Species: mixed conifer
Product to be Harvested: firewood
Volume of Product: 100 cords
Estimated Direct Cost: 720
Estimated Value: 1200
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: This practice will help prep the burn area to reduce heavy fuel loading. This practice will also provide revenue.

County: Conejos County
Legal Description: T35N, R6E, sec. 15, 22
Size: 50
Common Name of Property: La Jara Reservoir @ Gallegos Rx
Prescription: Thinning - transplant harvest
Species: mixed conifer
Product to be Harvested: transplants
Volume of Product: 1500 stems
Estimated Direct Cost: 5400
Estimated Value: 9000
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: This practice will help prep the burn area to reduce heavy fuel loading. This practice will also provide revenue.

County: Conejos County
Legal Description: T34N, R6E, sections 4,5,9,10
Size: 60
Common Name of Property: La Jara Reservoir
Prescription: Thinning - fire wood harvest
Species: aspen
Product to be Harvested: firewood
Volume of Product: 100 cords
Estimated Direct Cost: 720
Estimated Value: 1200
Estimated Duration: 2
Other Benefits: This project will thin existing stand and provide forest products to the local community. Also, product removal will increase forage for livestock and wildlife
Other Information:
Primary Purpose: This practice is intended to cut out patches of dead and dying aspen to promote aspen regeneration.

District: Alamosa

Proposed Projects - Alamosa

County: Conejos County
Legal Description: T35N, R5E, sections 2,11, & T36N, R5E, sections 26,35, SW1/4 sec. 36
Size: 40
Common Name of Property: La Jara Reservoir, north end
Prescription: Thinning - transplant harvest
Species: Engelmann spruce
Product to be Harvested: transplants
Volume of Product: 200 stems
Estimated Direct Cost: 2880
Estimated Value: 4800
Estimated Duration: 1
Other Benefits: This project will thin existing stand of spruce and provide forest products to the local community. Grazing opportunities will increase.

Other Information:
Primary Purpose: This practice will generate revenue and increase the vigor of the remaining forest to make it less susceptible to Spruce budworm.

County: Conejos County
Legal Description: T34N, R6E, sec. 36
Size: 20
Common Name of Property: Ra Jadero Canyon
Prescription: Thinning - Christmas trees harvest
Species: mixed conifer
Product to be Harvested: Christmas trees
Volume of Product: 200 trees
Estimated Direct Cost: 1440
Estimated Value: 2400
Estimated Duration: 1
Other Benefits: Other benefits include decreased fire risk by removing ladder fuels aid to the local economy.

Other Information:
Primary Purpose: This practice will generate revenue and increase the vigor of the remaining forest to make it less susceptible to Spruce budworm.

District: Alamosa

Proposed Projects - Alamosa

County: Saguache County
Legal Description: T42N, R6E, sections 9,10 & T43N, R7E, sections 16,28,31,32
Size: 50
Common Name of Property: La Garita group
Prescription: Thinning - fire wood harvest
Species: piñon/juniper
Product to be Harvested: firewood
Volume of Product: 200 cords
Estimated Direct Cost: 1440
Estimated Value: 2400
Estimated Duration: 2
Other Benefits: This project will provide firewood to the local public. It will remove down and dead fuel, thin stressed trees and provide for natural regeneration. This will also reduce the fuel loading and increase grazing opportunities.

Other Information:
Primary Purpose: This practice is recommended for revenue generation and improvement of forest health.

County: Conejos County
Legal Description: T35N, R6E, sections 25,26,35,36
Size: 40
Common Name of Property: Smith Ranch
Prescription: Intermediate improvement cut / timber stand improvement
Species: mixed conifer
Product to be Harvested: sawlogs, posts and poles
Volume of Product: 90 MBF
Estimated Direct Cost: 3240
Estimated Value: 5400
Estimated Duration: 2
Other Benefits: This project will also increase forage for livestock and wildlife and improve the health and vigor of the residual stand.

Other Information:
Primary Purpose: This project will thin heavily infested spruce budworm trees. The residual stand will benefit by increasing light and nutrients and reducing fuel loading. Harvesting these trees will decrease future damage due to spruce budworm.

District: Alamosa

Proposed Projects - Alamosa

County: Conejos County
Legal Description: T34N, R6E, sections 9,10
Size: 20
Common Name of Property: La Jara Reservoir
Prescription: Group selection
Species: aspen
Product to be Harvested: post and pole
Volume of Product: 30 cords
Estimated Direct Cost: 540
Estimated Value: 900
Estimated Duration: 2
Other Benefits: This project will thin existing stand and provide forest products to the local community. Also, product removal will increase forage for livestock and wildlife

Other Information:
Primary Purpose: This practice is intended to cut out patches of dead aspen to promote aspen regeneration.

County: Conejos County
Legal Description: T35N, R5E, sections 2,11, & T36N, R5E, sections 26,35, SW1/4 sec. 36
Size: 200
Common Name of Property: La Jara Reservoir, north end
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: transplants
Volume of Product: 3000 stems
Estimated Direct Cost: 7200
Estimated Value: 12000
Estimated Duration: 2
Other Benefits: This project will thin existing stand of aspen and provide forest products to the local community. Grazing opportunities will increase.

Other Information:
Primary Purpose: Revenue generation and improvement of forest health. Removal of small aspen will reduce competition for light and nutrients in the residual stand.

County: Conejos County
Legal Description: T32N, R6E, sec. 16
Size: 10
Common Name of Property: Osier Park
Prescription: Thinning - selective harvest
Species: aspen
Product to be Harvested: post and pole
Volume of Product: 5 cords
Estimated Direct Cost: 210
Estimated Value: 360
Estimated Duration: 2
Other Benefits: This project will thin existing stand and provide forest products to the local community. Also, product removal will increase forage for livestock and wildlife

Other Information:
Primary Purpose: This practice is intended to cut out patches of dead and dying aspen to promote aspen regeneration.

District: Alamosa

Proposed Projects - Alamosa

County:	Conejos County
Legal Description:	T32N, R6E, sec. 16
Size:	20
Common Name of Property:	Osier Park
Prescription:	Thinning - selective harvest
Species:	mixed conifer
Product to be Harvested:	sawlogs, post and pole, firewood
Volume of Product:	50 MBF
Estimated Direct Cost:	1500
Estimated Value:	2500
Estimated Duration:	1
Other Benefits:	This will provide improved grazing for livestock and wildlife, remove hazardous fuels, and provide forest products to the local community.
Other Information:	
Primary Purpose:	Improvement of forest health by decreasing susceptibility to spruce budworm by improving the health and vigor of the remaining stand.

District: Canon City

Completed Projects - Canon City

County: Fremont County
Legal Description: T17S-R68W (parts) Sec.2,13,14,15,21,22,23,24,26,27,34,35
Size:
Common Name of Property: Table Mountain
Prescription: Thinning - transplant harvest
Species: piñon pine
Product to be Harvested: transplant trees
Volume of Product: 52 EA
Estimated Direct Cost: 852
Estimated Value: 3392
Estimated Duration: 1
Other Benefits: Improving forage production for livestock
Other Information:
Primary Purpose: To generate revenue and reclaim meadows through scattered individual transplant removal.

County: Fremont County
Legal Description: Sec.36-T16S-R73W
Size: 49
Common Name of Property: Tallahassee
Prescription: Thinning - selective harvest
Species: ponderosa pine
Product to be Harvested: sawlogs
Volume of Product: 115 MBF
Estimated Direct Cost: 1610
Estimated Value: 4025
Estimated Duration: 1
Other Benefits: Thinning will also reduce potential fire behavior in the event of a wildfire. Thinning will also increase grass and forage production.

Other Information:
Primary Purpose: Revenue generation through thinning the forest for forest health reasons and to also liberate advanced regeneration currently in place. Reducing the forest density will also encourage future transplant stock to develop.

District: Canon City

Completed Projects - Canon City

County: Fremont County
Legal Description: Sec.36-T16S-R73W
Size:
Common Name of Property: Tallahassee
Prescription: Salvage - post harvest / firewood
Species: ponderosa pine
Product to be Harvested: fuelwood
Volume of Product: 45 cords
Estimated Direct Cost: 295
Estimated Value: 295
Estimated Duration: 1
Other Benefits: To reduce surface fuel loading created by timber harvest activities. To decrease the amount of time needed for logging slash to decompose.

Other Information:
Primary Purpose: To salvage fuelwood created by timber harvest activities and to generate more revenue from sale activities.

County: Custer County
Legal Description: Sec.16-T22S-R70W
Size: 167
Common Name of Property: Junkins
Prescription: Thinning - selective harvest
Species: ponderosa pine
Product to be Harvested: sawlogs
Volume of Product: 427 MBF
Estimated Direct Cost: 15372
Estimated Value: 38430
Estimated Duration: 1
Other Benefits: This thinning will encourage grass and forage for livestock and wildlife, decrease the overall average diameter of the Ponderosa pine leaving a healthy mountain pine beetle resistant forest and reduce fuel loading.

Other Information:
Primary Purpose: To generate revenue through thinning the forest to an appropriate density. This forest thinning is also being conducted to increase health, vigor, and productivity in the residual trees.

District: Canon City
Completed Projects - Canon City

County: Fremont County
Legal Description: T17S-R68W (parts) Sec.2,13,14,15,21,22,23,24,26,27,34,35
Size:
Common Name of Property: Table Mountain
Prescription: Salvage - post harvest / firewood
Species: piñon pine
Product to be Harvested: fuelwood
Volume of Product: 50 cords
Estimated Direct Cost: 190
Estimated Value: 500
Estimated Duration: 1
Other Benefits: To reduce fuel loading and to reduce negative impacts of moss rock operations.
Other Information:
Primary Purpose: To salvage fuelwood created from moss rock operations and to also salvage trees killed by the ips beetle.

County: Fremont County
Legal Description: Sec.16-T51N-R10E
Size: 99
Common Name of Property: Steer Gulch
Prescription: Thinning - selective harvest
Species: ponderosa pine
Product to be Harvested: Sawtimber
Volume of Product: 294 MBF
Estimated Direct Cost: 4116
Estimated Value: 10290
Estimated Duration: 1
Other Benefits: Thinning the forest will also increase forage and grazing potential through opening the forest canopy. In the event of a wildfire, thinning will also reduce the fire behavior intensity further conserving the natural resources of the property.

Other Information:
Primary Purpose: To generate revenue through thinning the forest to an appropriate density and to liberate advanced regeneration. This harvest will also allow for additional seedlings to become established and create opportunity for future transplant stock.

District: Canon City

Completed Projects - Canon City

County: Fremont County
Legal Description: Sec.16-T51N-R10E
Size: 250
Common Name of Property: Steer Gulch
Prescription: Salvage - post harvest / firewood
Species: ponderosa pine
Product to be Harvested: fuelwood
Volume of Product: 30 cords
Estimated Direct Cost: 300
Estimated Value: 300
Estimated Duration: 1
Other Benefits: Post harvest salvage of firewood will reduce fuel loading and also decrease the amount of time that it takes for logging slash to decompose.

Other Information:
Primary Purpose: To generate revenue through removing additional products created from the timber sale activities.

County: Custer County
Legal Description: Sec.16-T22S-R70W
Size:
Common Name of Property: Junkins
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants
Volume of Product: 30 EA
Estimated Direct Cost: 234
Estimated Value: 585
Estimated Duration: 1
Other Benefits: Transplant trees are often removed from the meadows where the trees have encroached upon grass and forage resources.

Other Information:
Primary Purpose: To thin the understory regeneration to a healthy stocking level and to generate revenue through transplant removal. This thinning of the understory will also allow for increased health and productivity of the residual trees.

District: Canon City

Continued Projects from Prior Years - Canon City

County: Fremont County
Legal Description: Sec.16-T23S-R71W Sec.16-T23S-R71W Sec.16-T23S-R71W, Sec.36-T21S-R7
Size:
Common Name of Property: Antelope, Bear, Stoney, Table, Junkins, Upper Badger Creek, 3R
Prescription: Prescribed burning - slash piles
Species: ponderosa pine
Product to be Harvested: 7 burn plans
Volume of Product:
Estimated Direct Cost: 400
Estimated Value:
Estimated Duration: 1
Other Benefits:
Other Information: Costs for these burns is estimated at \$40,000, with most funding being provided by CSFS fuels management funds.
Primary Purpose: Eliminate piles of slash from old forest management activities to reduce chance of beetle infestation and for fuels reduction. Removing these piles will also increase the potential surface area for growing future revenue generating products.

County: Fremont County
Legal Description: Sec.16-T20S-R73W
Size: 99
Common Name of Property: Turkey Gulch
Prescription: Thinning - selective harvest
Species: ponderosa pine
Product to be Harvested: fuelwood, transplants, christmas trees, sawlogs
Volume of Product: 30 cords, 30 transplants, and 10 christmas trees, possibly a small sa
Estimated Direct Cost: 640
Estimated Value: 1600
Estimated Duration: 1
Other Benefits: Increased forage and grass production. Reduced fire behavior in the event of a wildfire. These projects are also being conducted in coordination and adjacent to recent thinning projects on surrounding BLM land.
Other Information:
Primary Purpose: To generate revenue through thinning the forest to an appropriate density and to liberate advanced regeneration. This harvest will also allow for additional seedlings to become established and create opportunity for future transplant stock.

District: Canon City

Continued Projects from Prior Years - Canon City

County:	Pueblo County
Legal Description:	Sec.16-T46N-R68W
Size:	80
Common Name of Property:	Red Creek
Prescription:	Thinning - selective harvest
Species:	juniper
Product to be Harvested:	Fuelwood
Volume of Product:	10 cords
Estimated Direct Cost:	100
Estimated Value:	100
Estimated Duration:	1
Other Benefits:	Improved forage production for livestock
Other Information:	
Primary Purpose:	Improved health and vigor of residual trees through meadow reclamation . Improve future transplant stock.

District: Canon City

Continued State Land Improvement Projects from Prior Years - Canon City

County:
Legal Description:
Size: 40000
Common Name of Property: Canon City District Forested State Lands
Prescription: Plan preparation - management/stewardship plan
Species:
Product to be Harvested:
Volume of Product: district wide forest stewardship plan
Estimated Direct Cost: 0
Estimated Value:
Estimated Duration: 3
Other Benefits:
Other Information:
Primary Purpose: Better sustained yield management.

District: Canon City
Proposed Projects - Canon City

County: Fremont County
Legal Description: Sec.31-T51N-R12E
Size: 50
Common Name of Property: Waugh Mtn.
Prescription: Thinning - fire wood harvest
Species: aspen
Product to be Harvested: fuelwood
Volume of Product: 100 cords
Estimated Direct Cost: 1000
Estimated Value: 1000
Estimated Duration: 1
Other Benefits: Removal of dead and dying trees will also reduce potential wildfire risk, improve access to the stand, and improve grazing and forage production.

Other Information:
Primary Purpose: To thin and salvage aspen stands damaged by aspen decline. To encourage regeneration of root sprouts by breaking apical dominance.

County: Custer County
Legal Description: S36 T22S R72W
Size: 34
Common Name of Property: Leavenworth Gulch
Prescription: Thinning - selective harvest
Species: ponderosa pine
Product to be Harvested: Sawlogs
Volume of Product: 76 MBF
Estimated Direct Cost: 1368
Estimated Value: 3420
Estimated Duration: 1
Other Benefits: Thinning will increase grass and forage production while reducing potential fire activity in the event of a wildfire.

Other Information:
Primary Purpose: Reduce tree density where over stocked to improve tree vigor and forest health. Removal of infested, diseased, or damaged trees. Improve transplant potential for future revenue. Improve access. Product utilization.

District: Canon City
Proposed Projects - Canon City

County: Fremont County
Legal Description: Sec.36-T50N-R11E
Size: 140
Common Name of Property: Mullock Gulch
Prescription: Thinning - selective harvest
Species: ponderosa pine
Product to be Harvested: Sawtimber
Volume of Product: 200 MBF
Estimated Direct Cost: 5000
Estimated Value: 11000
Estimated Duration: 1
Other Benefits: Healthy forest thinnings will increase vigor and productivity of residual trees. Thinning will also open the forest canopy further increasing the potential for grasses and forage.

Other Information:
Primary Purpose: To generate revenue through thinning the forest to an appropriate density and to liberate advanced regeneration. This harvest will also allow for additional seedlings to become established and create opportunity for future transplant stock.

County: Fremont County
Legal Description: Sec.36-T16S-R73W
Size: 30
Common Name of Property: Tallahassee
Prescription: Thinning - fire wood harvest
Species: ponderosa pine
Product to be Harvested: fuelwood
Volume of Product: 100
Estimated Direct Cost: 1000
Estimated Value: 1000
Estimated Duration: 1
Other Benefits: Thinning the forest will also create increased opportunity for grass and forage production due to a more open canopy.

Other Information:
Primary Purpose: To thin additional trees from the harvest unit that were not suitable sawtimber. This will complete the prescription and provide for revenue while thinning to a healthy density.

District: Canon City
Proposed Projects - Canon City

County: Fremont County
Legal Description: Sec.36-T50N-R11E
Size: 140
Common Name of Property: Mullock Gulch
Prescription: Salvage - post harvest / firewood
Species: ponderosa pine
Product to be Harvested: Fuelwood
Volume of Product: 50 cords
Estimated Direct Cost: 300
Estimated Value: 750
Estimated Duration: 1
Other Benefits: Salvaging fuelwood will reduce fuel loading as well as decrease the time that it takes for the logging salvage to deteriorate.

Other Information:
Primary Purpose: To salvage fuelwood created by timber harvest activities and to generate more revenue from sale activities.

County: Custer County
Legal Description: Sec.16-T22S-R70W
Size: 167
Common Name of Property: Junkins
Prescription: Salvage - post harvest / firewood
Species: ponderosa pine
Product to be Harvested: Fuelwood
Volume of Product: 50 Cords
Estimated Direct Cost: 300
Estimated Value: 750
Estimated Duration: 1
Other Benefits: This practice will also reduce fuel loading and will also decrease the time in which it takes the logging slash to fully decompose and return the nutrients to the soil.

Other Information:
Primary Purpose: To salvage fuelwood created by timber harvest activities and to generate more revenue from sale activities.

District: Canon City
Proposed Projects - Canon City

County: Fremont County
Legal Description: Sec.36-T50N-R11E
Size: 140
Common Name of Property: Mullock Gulch
Prescription: Thinning - fire wood harvest
Species: ponderosa pine
Product to be Harvested: Fuelwood
Volume of Product: 100 cords
Estimated Direct Cost: 400
Estimated Value: 1000
Estimated Duration: 1
Other Benefits: Additional thinning will further create more opportunity for grass and forage potential by opening the forest canopy. This harvest will also allow for additional seedlings to become established and create opportunity for future transplant stock

Other Information:
Primary Purpose: To generate revenue through additional thinning of the forest to an appropriate density and to liberate advanced regeneration.

County: Custer County
Legal Description: Sec.16-T22S-R70W
Size: 167
Common Name of Property: Junkins
Prescription: Thinning - fire wood harvest
Species: ponderosa pine
Product to be Harvested: Fuelwood
Volume of Product: 100 Cords
Estimated Direct Cost: 750
Estimated Value: 1000
Estimated Duration: 1
Other Benefits: Reducing the forest to a healthy density will open the tree canopy. This will further encourage grasses and forage for livestock.

Other Information:
Primary Purpose: Thinning fuelwood products from the unit will allow for additional revenue generation. The resulting forest stand will have increased vigor and will also produce valuable transplant stock in the future.

District: Canon City
Proposed Projects - Canon City

County: Custer County
Legal Description: S36 T22S R72W
Size: 34
Common Name of Property: Leavenworth Gulch
Prescription: Salvage - post harvest / firewood
Species: ponderosa pine
Product to be Harvested: Fuelwood
Volume of Product: 40 cords
Estimated Direct Cost: 200
Estimated Value: 500
Estimated Duration: 1
Other Benefits: Reduce the fuel loading to further protect the natural resources of the property.
Other Information:
Primary Purpose: To salvage fuelwood created by timber harvest activities and to generate more revenue from sale activities.

County: Custer County
Legal Description: S36 T22S R72W
Size: 34
Common Name of Property: Leavenworth Gulch
Prescription: Thinning - fire wood harvest
Species: ponderosa pine
Product to be Harvested: Fuelwood
Volume of Product: 50 cords
Estimated Direct Cost: 200
Estimated Value: 500
Estimated Duration: 1
Other Benefits: Thinning to a healthy density will reduce fuels and provide for decreased fire activity in the event of a wildfire. This thinning will also increase the grass and shrub component of the understory through opening the forest canopy.
Other Information:
Primary Purpose: This will provide for revenue while thinning to a healthy density. Further thinning of the harvest unit will also increase regeneration of the forest resource and provide opportunity for future transplant sales.

District: Durango

Completed Projects - Durango

County:	La Plata County
Legal Description:	Portions of Sections 1, 2, 11, & 12- T34N-R11W, NMPM
Size:	763
Common Name of Property:	Old Fort Lewis
Prescription:	Prescribed burning - broad cast
Species:	ponderosa pine
Product to be Harvested:	not applicable
Volume of Product:	not applicable
Estimated Direct Cost:	0
Estimated Value:	0
Estimated Duration:	1
Other Benefits:	Enhanced forage production for elk within Elk Research Institute's chronic wasting disease study enclosure.
Other Information:	Burn was conducted by BLM burn crew out of Taos, NM. Most of funding used to implement burn was from a private source.
Primary Purpose:	Slash and understory vegetation reduction to mitigate wildfire hazard.

District: Durango**Continued Projects from Prior Years - Durango**

County:	Montezuma County
Legal Description:	36-T37N-R14W, NMPM
Size:	300
Common Name of Property:	Millwood
Prescription:	Intermediate improvement cut / timber stand improvement
Species:	ponderosa pine
Product to be Harvested:	sawlogs and POL (products other than logs)
Volume of Product:	300 MBF sawlogs and 43 MCF POL
Estimated Direct Cost:	5000
Estimated Value:	15000
Estimated Duration:	2
Other Benefits:	Compliments forest treatments on adjacent private and USFS land, and a ranch owned by Ute Mountain Ute Tribe.
Other Information:	Not set up and offered in 2008.
Primary Purpose:	Improvement of forest health, wildfire hazard mitigation, and revenue generation.
County:	Dolores County
Legal Description:	16-T40N-R13W, NMPM
Size:	120
Common Name of Property:	Zwicker
Prescription:	Patch cuts
Species:	aspen
Product to be Harvested:	Sawlogs and Poles (240 MCF)
Volume of Product:	880 MPB sawlogs (240 MCF)
Estimated Direct Cost:	5000
Estimated Value:	70000
Estimated Duration:	2
Other Benefits:	Salvage any timber on section affected by Sudden Aspen Decline (SAD).
Other Information:	Project dependent upon securing access across private or USFS land. Sale was not set up and offered in 2008.
Primary Purpose:	To create a diversity of aspen clone size and age classes, produce transplants for future sale, and revenue generation.

District: Durango

Continued Projects from Prior Years - Durango

County: Dolores County
Legal Description: W 1/2, Sec. 36-T39N-R14W, NMPM
Size: 125
Common Name of Property: Long Draw
Prescription: Intermediate improvement cut / timber stand improvement
Species: ponderosa pine
Product to be Harvested: sawlogs and POL (products other than logs)
Volume of Product: 125 MBF sawlogs and 26 MCF POL
Estimated Direct Cost: 3000
Estimated Value: 7500
Estimated Duration: 2
Other Benefits: Reduce wildfire hazard, enhance forage production for livestock, and initiate forest restoration.

Other Information: Set up and marking initiated in 2006, but not completed. Sale may be done by purchaser of adjacent USFS sale (Intermountain Lumber), but this sale has not been initiated yet.

Primary Purpose: To improve forest health and produce revenue.

County: La Plata County
Legal Description: 36-T36N-R7W, NMPM
Size: 480
Common Name of Property: Grassy Mountain
Prescription: Intermediate improvement cut / timber stand improvement
Species: mixed conifer
Product to be Harvested: sawlogs and POL (products other than logs)
Volume of Product: 720 MBF & 122 MCF POL
Estimated Direct Cost: 0
Estimated Value: 0
Estimated Duration: 3
Other Benefits: Will help protect state section from wildfires originating from adjacent private and federal lands.

Other Information: Set up was initiated in 2007 but not completed in 2008. An upcoming wood biomass operation in Pagosa Springs may provide a future market, so sale is on hold until this or another opportunity presents itself.

Primary Purpose: Improve forest health, generate revenue and reduce wildfire hazard.

District: Durango

Continued Projects from Prior Years - Durango

County:	La Plata County
Legal Description:	1,2,11,& 12-T34N-R11W, NMPM
Size:	925
Common Name of Property:	Old Fort Lewis
Prescription:	Intermediate improvement cut / timber stand improvement
Species:	ponderosa pine
Product to be Harvested:	sawlogs and POL (products other than logs)
Volume of Product:	1,640 MBF
Estimated Direct Cost:	15000
Estimated Value:	70250
Estimated Duration:	3
Other Benefits:	Thinning of stands will enhance forage production for elk within the Elk Research Institute's enclosure.
Other Information:	Sale comprised of a number of cutting units to be set up and sold over the next several years. Several units were set up, sold, and cut in 2007.
Primary Purpose:	Improvement of forest health, wildfire hazard mitigation, and revenue generation.

District: Durango

Continued State Land Improvement Projects from Prior Years - Durango

County:	Montezuma County
Legal Description:	Sec. 16-T36N-R14W, NMPM
Size:	40
Common Name of Property:	Kernan Canyon
Prescription:	Intermediate improvement cut / wildfire hazard reduction
Species:	piñon/juniper
Product to be Harvested:	not applicable
Volume of Product:	not applicable
Estimated Direct Cost:	18000
Estimated Value:	0
Estimated Duration:	1
Other Benefits:	Protection of adjacent BLM and private land, improvement of forage for livestock and elk.
Other Information:	Federal Allard funds obtained in 2008 for implementation of project in 2009.
Primary Purpose:	Protecting the state land forest resource.
County:	Archuleta County
Legal Description:	Multiple
Size:	0
Common Name of Property:	Multiple
Prescription:	Plan preparation - management/stewardship plan
Species:	not applicable
Product to be Harvested:	not applicable
Volume of Product:	not applicable
Estimated Direct Cost:	12000
Estimated Value:	0
Estimated Duration:	2
Other Benefits:	not applicable
Other Information:	Inventory will be initiated in 2009 and plan will be prepared in 2010.
Primary Purpose:	District-wide State Land Board property inventory and management plan. Plan will be for SLB properties in Archuleta, Dolores, La Plata, Montezuma, and San Juan Counties.
County:	Montezuma County
Legal Description:	Sections 26, 27, and/or 28-T36N-R15W, NMPM
Size:	40
Common Name of Property:	Stinking Springs/McElmo Creek
Prescription:	Intermediate improvement cut / wildfire hazard reduction
Species:	piñon/juniper
Product to be Harvested:	not applicable
Volume of Product:	not applicable
Estimated Direct Cost:	18000
Estimated Value:	0
Estimated Duration:	1
Other Benefits:	Protection of adjacent private and BLM lands from wildfire.
Other Information:	Federal Allard funds were obtained in 2008 for implementing this project in 2009
Primary Purpose:	Protecting the state land forest resource.

District: Durango

Continued State Land Improvement Projects from Prior Years - Durango

County: La Plata County
Legal Description: Sec. 16-T35N-R7W, NMPM
Size: 40
Common Name of Property: Wallace Gulch
Prescription: Intermediate improvement cut / wildfire hazard reduction
Species: ponderosa pine
Product to be Harvested: not applicable
Volume of Product: not applicable
Estimated Direct Cost: 18000
Estimated Value: 0
Estimated Duration: 1
Other Benefits: Protection of adjacent private land and forage enhancement for livestock and elk.
Other Information: Federal Allard funds were obtained in 2008 for implementing project in 2009.
Primary Purpose: Protecting the state land forest resource.

County: La Plata County
Legal Description: S 1/4, Sec. 36-T36N-R7W, NMPM
Size: 55
Common Name of Property: Grassy Mountain
Prescription: Intermediate improvement cut / wildfire hazard reduction
Species: mixed conifer
Product to be Harvested: sawlogs and POL (products other than logs)
Volume of Product: 100 cords
Estimated Direct Cost: 95000
Estimated Value: 2000
Estimated Duration: 3
Other Benefits: Protection of adjacent property (Forest Lakes Subdivision, BLM, and USFS).
Other Information: Project should be completed by Southwest Conservation Corps hand crew in 2005 pending finding additional funding. A variety of funding has been used for project, including SLI funds and three sources of federal funds.
Primary Purpose: Protecting the state land forest resource.

County: La Plata County
Legal Description: Sec. 36-T35N-R9W, NMPM
Size: 40
Common Name of Property: Grandview
Prescription: Intermediate improvement cut / wildfire hazard reduction
Species: piñon/juniper
Product to be Harvested: not applicable
Volume of Product: not applicable
Estimated Direct Cost: 18000
Estimated Value: 0
Estimated Duration: 1
Other Benefits: Protection of adjacent private property from wildfire, forage enhancement for livestock and wintering elk.
Other Information: Federal Allard funds were obtained in 2008 for implementing this project in 2009
Primary Purpose: Protecting the state land forest resource.

District: Durango

Previously Approved Projects, Postponed Until a Later Date - Durango

County: Archuleta County
Legal Description: Sec. 16-T35N-R1W, NMPM
Size: 25
Common Name of Property: Mill Creek
Prescription: Intermediate improvement cut / timber stand improvement
Species: ponderosa pine
Product to be Harvested: sawlogs and POL (products other than logs)
Volume of Product: 25 MBF sawlogs and 6 MCF POL
Estimated Direct Cost: 750
Estimated Value: 1375
Estimated Duration: 1
Other Benefits: Improvement of forest health and vigor, enhanced forage production for livestock and protection of adjacent property.

Other Information: Low priority for implementation at this time.
Primary Purpose: Wildfire hazard reduction

County: Montezuma County
Legal Description: Sec. 36-T37N-R13W, NMPM
Size: 200
Common Name of Property: Echo Basin
Prescription: Intermediate improvement cut / timber stand improvement
Species: ponderosa pine
Product to be Harvested: sawlogs and POL (products other than logs)
Volume of Product: 300 MBF sawlogs and 43 MCF POL
Estimated Direct Cost: 5000
Estimated Value: 14500
Estimated Duration: 2
Other Benefits: Wildfire hazard reduction, insect and disease control, and forage enhancement for livestock.

Other Information: Project dependent upon securing access across private or USFS land.
Primary Purpose: Improvement of forest health and revenue generation.

District: Durango

Proposed Projects - Durango

County:	Dolores County
Legal Description:	36-T40N-R13W, NMPM
Size:	20
Common Name of Property:	Groundhog Reservoir
Prescription:	Thinning - transplant harvest
Species:	aspen
Product to be Harvested:	aspen transplants
Volume of Product:	3,000 transplants
Estimated Direct Cost:	3000
Estimated Value:	18000
Estimated Duration:	3
Other Benefits:	Thin abundant aspen sprouting to improve growth and quality of residual trees and enhance livestock access within patchcut areas.
Other Information:	Project dependent upon securing access across private or USFS land.
Primary Purpose:	To produce revenue from the sale of abundant aspen regeneration following commercial timber sales on section.

District: Durango

Proposed State Land Improvement Projects - Durango

County:	Montezuma County
Legal Description:	Portions of Sec. 36-T36N-R13W; Sec. 16-T35N-R13W; and Sec. 36-T34N-R13W
Size:	240
Common Name of Property:	Menefee Mountain, Weber Canyon, and Flat Canyon
Prescription:	Intermediate improvement cut / wildfire hazard reduction
Species:	piñon/juniper
Product to be Harvested:	N/A
Volume of Product:	N/A
Estimated Direct Cost:	0
Estimated Value:	0
Estimated Duration:	3
Other Benefits:	Protection of adjacent property covered by a Community Wildfire Protection Plan (CWPP). Will enhance forage production.
Other Information:	Although listed as a state land improvement project here, funds other than SLI would be sought and utilized to implement this project.
Primary Purpose:	Protecting the forest resource from wildfire originating on adjacent BLM and private lands, and vice versa.

District: Fort Collins

Continued Projects from Prior Years - Fort Collins

County: Larimer County
Legal Description: Section 36, T12N, R74W & Section 16, T11N, R75W
Size: 960
Common Name of Property: Trail Creek / Sand Creek
Prescription: Thinning - transplant harvest, Christmas Trees
Species: lodgepole pine
Product to be Harvested: transplants and Christmas trees
Volume of Product: 200 transplants / 100 Christmas trees
Estimated Direct Cost: 1200
Estimated Value: 2000
Estimated Duration: 1
Other Benefits: The fire hazard in the area will be reduced and grazing will be improved.
Other Information: The units have been managed for the last 20 years for sustained yield.
Primary Purpose: The treatment will reduce residual competition to improve forest health and utilize low quality trees.

County: Larimer County
Legal Description: Section 36, T7N, R72W
Size: 15
Common Name of Property: Crystal Mountain
Prescription: Thinning - pre-commercial timber stand improvement
Species: lodgepole pine
Product to be Harvested: N/A
Volume of Product: N/A
Estimated Direct Cost: 1000
Estimated Value: 0
Estimated Duration: 3
Other Benefits:
Other Information: The Fort Collins District's Engine Crew will be conducting the TSI work.
Primary Purpose: The treatment will reduce the Dwarf-mistletoe infestation, increase the overall health of the residual trees and reduce the fire hazard.

County: Larimer County
Legal Description: West 1/2 Section 16, T9N, R73W
Size: 33
Common Name of Property: Manhattan
Prescription: Thinning - pre-commercial timber stand improvement
Species: ponderosa pine
Product to be Harvested: N/A
Volume of Product: N/A
Estimated Direct Cost: 2000
Estimated Value: 0
Estimated Duration: 3
Other Benefits:
Other Information: The Fort Collins District's Engine Crew will be conducting the TSI work.
Primary Purpose: The treatment will reduce the Dwarf-mistletoe infestation, increase the overall health of the residual trees and reduce the fire hazard.

District: Fort Collins

Continued Projects from Prior Years - Fort Collins

County: Larimer County
Legal Description: NE 1/4, SE 1/4, Section 23, T7N, R70W
Size: 3
Common Name of Property: Horsetooth Quarter Quarter
Prescription: Thinning - pre-commercial timber stand improvement
Species: ponderosa pine
Product to be Harvested: N/A
Volume of Product: N/A
Estimated Direct Cost: 500
Estimated Value: 0
Estimated Duration: 5
Other Benefits:
Other Information: The Fort Collins District's Engine Crew will be conducting the TSI work.
Primary Purpose: The treatment will reduce the Dwarf-mistletoe infestation, increase the overall health of the residual trees and reduce the fire hazard.

County: Larimer County
Legal Description: Section 36, T5N, R71W
Size: 5
Common Name of Property: Pinewood Reservoir
Prescription: Thinning - pre-commercial timber stand improvement
Species: ponderosa pine
Product to be Harvested: N/A
Volume of Product: N/A
Estimated Direct Cost: 1200
Estimated Value: 0
Estimated Duration: 5
Other Benefits:
Other Information: The Fort Collins District's Engine Crew will be conducting the TSI work.
Primary Purpose: The treatment will reduce the Dwarf-mistletoe infestation, increase the overall health of the residual trees and reduce the fire hazard.

District: Fort Collins
Proposed Projects - Fort Collins

County: Larimer County
 Legal Description: Section 16, T8N, R70W
 Size: 5
 Common Name of Property: Graves
 Prescription: Thinning - pre-commercial timber stand improvement
 Species: ponderosa pine
 Product to be Harvested: N/A
 Volume of Product: N/A
 Estimated Direct Cost: 1500
 Estimated Value: 0
 Estimated Duration: 3
 Other Benefits: The section is surrounded by Graves (Morning Fresh) Dairy and improved forage production will help livestock.
 Other Information: The Fort Collins District's Engine Crew will be conducting the TSI work.
 Primary Purpose: The treatment will reduce the Dwarf-mistletoe infestation, increase the overall health of the residual trees and reduce the fire hazard.

County: Larimer County
 Legal Description: Section 36, T12N, R72W
 Size: 20
 Common Name of Property: Georges Gulch
 Prescription: Sanitation salvage - bark beetle
 Species: ponderosa pine
 Product to be Harvested: sawlogs, pellets, and firewood (biomass energy)
 Volume of Product: 100 CCF
 Estimated Direct Cost: 5000
 Estimated Value: 7000
 Estimated Duration: 5
 Other Benefits:
 Other Information: The Moen Ranch grazes the section.
 Primary Purpose: The section currently has bark beetle. The treatment will increase the overall health of the residual trees and reduce the fire hazard.

County: Larimer County
 Legal Description: Section 36, T12N, R74W
 Size: 10
 Common Name of Property: Trail Creek
 Prescription: Patch cuts
 Species: lodgepole pine
 Product to be Harvested: post/poles
 Volume of Product: 180 CCF
 Estimated Direct Cost: 8000
 Estimated Value: 11000
 Estimated Duration: 5
 Other Benefits:
 Other Information: The US Forest Service has a project on the boundary with similar treatments.
 Primary Purpose: The section currently has bark beetle. The treatment will increase the overall health of the residual trees and reduce the fire hazard.

District: Fort Collins
Proposed Projects - Fort Collins

County:	Larimer County
Legal Description:	Section 16, T10N, R75W
Size:	10
Common Name of Property:	Pass Creek
Prescription:	Sanitation salvage - bark beetle
Species:	lodgepole pine
Product to be Harvested:	sawlogs, post & poles, pellets, and firewood (biomass energy)
Volume of Product:	120 CCF
Estimated Direct Cost:	7000
Estimated Value:	8000
Estimated Duration:	5
Other Benefits:	
Other Information:	The US Forest Service is trying to salvage similar acres in the area.
Primary Purpose:	The section currently has bark beetle. The treatment will increase the overall health of the residual trees and reduce the fire hazard.

District: Golden

Completed Projects - Golden

County:	Park County
Legal Description:	Sec. 16-T7S-R72W, 6 PM
Size:	165
Common Name of Property:	Crow Hill
Prescription:	Intermediate improvement cut / wildfire hazard reduction
Species:	mixed conifer
Product to be Harvested:	N/A
Volume of Product:	N/A
Estimated Direct Cost:	0
Estimated Value:	0
Estimated Duration:	2
Other Benefits:	Other benefits include improved wildlife habitat and forage, restoration of natural ecosystem components, decreased meadow encroachment of conifers, protection of adjacent property, etc.
Other Information:	
Primary Purpose:	The main benefits from the project are improved forest conditions and wildfire hazard reduction on the Crow Hill parcel.

District: Golden

Continued State Land Improvement Projects from Prior Years - Golden

County: Clear Creek County
Legal Description: Sec. 16-T5S-R72W, 6 PM
Size: 5
Common Name of Property: Bear Creek
Prescription: Thinning - fire wood harvest
Species: mixed conifer
Product to be Harvested: firewood
Volume of Product: 5 cords (estimated)
Estimated Direct Cost: 0
Estimated Value: 0
Estimated Duration: 2
Other Benefits: Other benefits include improved forest conditions, improved wildlife habitat and forage, restoration of natural ecosystem components, decreased meadow encroachment of conifers, etc.

Other Information:
Primary Purpose: The main benefit of the project is wildfire hazard reduction on the Bear Creek parcel .

County: Clear Creek County
Legal Description: Portions of Sections 25, 26, 35 and 36-T4S-R72W, 6 PM
Size: 22
Common Name of Property: Bergen Peak SWA
Prescription: Prescribed burning - slash piles
Species: lodgepole pine
Product to be Harvested: N/A
Volume of Product: N/A
Estimated Direct Cost: 2000
Estimated Value: 0
Estimated Duration: 2
Other Benefits: Other benefits include improved forest conditions, improved wildlife habitat and forage, restoration of natural ecosystem components, decreased meadow encroachment of conifers, etc.

Other Information: Practice is recommended for both fire safety and forest health. Funding will be from the sale of forest products from the same parcel.

Primary Purpose: The primary purpose of this project is to reduce the fuel loading left behind from current and continuing forest management (slash piles from patch cuts).

District: Golden

Continued State Land Improvement Projects from Prior Years - Golden

County: Clear Creek County
Legal Description: Portions of Sections 25, 26, 35 and 36-T4S-R72W, 6 PM
Size: 22
Common Name of Property: Bergen Peak SWA
Prescription: Patch cuts
Species: lodgepole pine
Product to be Harvested: sawlogs, post/poles, pol, firewood
Volume of Product: 400 cords (estimated)
Estimated Direct Cost: 0
Estimated Value: 2000
Estimated Duration: 2
Other Benefits: Other benefits include improved forest conditions, improved wildlife habitat and forage, restoration of natural ecosystem components, decreased meadow encroachment of conifers, etc.

Other Information:
Primary Purpose: The main benefit of the project is wildfire hazard reduction on the Bergen Peak parcel .

County: Jefferson County
Legal Description: Sec. 25-T5S-R71W
Size: 10
Common Name of Property: Banner Peak
Prescription: Thinning - timber stand improvement
Species: mixed conifer
Product to be Harvested: fuelwood, post/pole, sawlogs, Christmas boughs, etc.
Volume of Product: unknown
Estimated Direct Cost: 0
Estimated Value: 0
Estimated Duration: 1
Other Benefits: Other benefits include improved forest conditions, improved wildlife habitat and forage, restoration of natural ecosystem components, decreased meadow encroachment of conifers, protection of adjacent property, etc.

Other Information:
Primary Purpose: The main benefit from the project was wildfire hazard reduction on the Banner Peak SLB parcel.

District: Golden

Proposed State Land Improvement Projects - Golden

County: Park County
Legal Description: portions of Sec. 26 and 27-T7S-R73W, 6 PM
Size: 20
Common Name of Property: Shawnee
Prescription: Thinning - timber stand improvement
Species: ponderosa pine
Product to be Harvested: fuelwood, post/pole, sawlogs, etc.
Volume of Product: unknown
Estimated Direct Cost: 0
Estimated Value: 0
Estimated Duration: 2
Other Benefits: Other benefits include improved forest conditions, improved wildlife habitat and forage, restoration of natural ecosystem components, decreased meadow encroachment of conifers, protection of adjacent property, etc.

Other Information:

Primary Purpose: The main benefit from the project was wildfire hazard reduction on the Shawnee SLB parcel.

County: Gilpin County
Legal Description: Sec. 16-T3S-R72W, 6 PM
Size: 250
Common Name of Property: Golden Gate Canyon State Park
Prescription: Prescribed burning - broad cast
Species: mixed conifer
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 0
Estimated Value: 0
Estimated Duration: 3
Other Benefits: Other benefits include improved wildlife habitat and forage, restoration of natural ecosystem components, decreased meadow encroachment of conifers, protection of adjacent property, etc.

Other Information:

The funding source for this project is coming from a FEMA grant and requires no match on the part of SLB.

Primary Purpose:

The main benefits from the project are improved forest conditions and wildfire hazard reduction on the SLB parcel within Golden Gate Canyon State Park.

District: Golden

Proposed State Land Improvement Projects - Golden

County:	Park County
Legal Description:	portions of Sec. 23, 24, and 26-T6S-R72W, 6PM
Size:	0
Common Name of Property:	Staunton State Park
Prescription:	Intermediate improvement cut / wildfire hazard reduction
Species:	mixed conifer
Product to be Harvested:	N/A
Volume of Product:	unknown
Estimated Direct Cost:	0
Estimated Value:	0
Estimated Duration:	2
Other Benefits:	Other benefits include improved wildlife habitat and forage, restoration of natural ecosystem components, decreased meadow encroachment of conifers, protection of adjacent property, etc.
Other Information:	The funding source for this project is coming from a FEMA grant and requires no match on the part of SLB. Project will also include the use of prescribed fire.
Primary Purpose:	The main benefits from the project are improved forest conditions and wildfire hazard reduction on the SLB parcel within Staunton State Park.

District: Granby

Completed Projects - Granby

County:	Grand County
Legal Description:	S 19, 30, 31, T4N, R80W, S23-26, 36, R80W
Size:	100
Common Name of Property:	Carter Mountain
Prescription:	transplants
Species:	aspen
Product to be Harvested:	aspen transplants
Volume of Product:	1,000 trees
Estimated Direct Cost:	1500
Estimated Value:	4500
Estimated Duration:	1
Other Benefits:	Grazing quality will be improved along with maintaining access routes for recreation use, wildfire control, and surface lessees. Aspen regeneration will be available for transplants in about five years.
Other Information:	Demand for product is typically very high. This activity will occur seasonally for the next several years.
Primary Purpose:	Revenue generation and aspen regeneration.

District: Granby

Continued Projects from Prior Years - Granby

County: Grand County
Legal Description: T3N, R77W, S,36
Size: 200
Common Name of Property: Trail Mountain
Prescription: Sanitation salvage - bark beetle/ via clearcut
Species: lodgepole pine
Product to be Harvested: pine saw logs
Volume of Product: 1MMbf
Estimated Direct Cost: 4000
Estimated Value: 4000
Estimated Duration: 2
Other Benefits: Big game wildlife will benefit for several years after harvest with increased browsing opportunities.
Other Information: Revenue from this project may not cover all of the associated cost of this project.
Primary Purpose: Improvement of forest health, wildfire hazard mitigation, and revenue generation.

County: Grand County
Legal Description: T3N, R82W, S, 14,15,22,23, T4N, R82W, S, 9,15,16,22,27
Size: 100
Common Name of Property: Binco Reservoir
Prescription: Clear cut
Species: lodgepole pine
Product to be Harvested: aspen and pine saw logs
Volume of Product: 1mmbf
Estimated Direct Cost: 2000
Estimated Value: 3000
Estimated Duration: 3
Other Benefits: Big game wildlife will benefit for several years after harvest with increased browsing opportunities. Aspen transplant harvests will be possible within 5 to 6 years after harvest.
Other Information:
Primary Purpose: This project will be a revenue positive project, along with improving forest health.

District: Granby

Previously Approved Projects, Postponed Until a Later Date - Granby

County:	Grand County
Legal Description:	T4N, R81W S, 25
Size:	150
Common Name of Property:	Carter Mountain
Prescription:	Clear cut
Species:	lodgepole pine
Product to be Harvested:	aspen and pine saw logs
Volume of Product:	1MMbf
Estimated Direct Cost:	4000
Estimated Value:	8000
Estimated Duration:	2
Other Benefits:	Grazing quality will be improved along with maintaining access routes for recreation use, wildfire control, and surface lessees. Aspen regeneration will be available for transplants in about five years.
Other Information:	Surface lessee has expressed interest in harvesting aspen for small locally owned sawmill, fostering this local opportunity is a high priority for the district.
Primary Purpose:	Revenue generation, thinning, and aspen regeneration.

District: Granby

Proposed Projects - Granby

County:	Grand County
Legal Description:	S 19, 30, 31, T4N, R80W, S23-26, 36, R80W
Size:	100
Common Name of Property:	Carter Mountain
Prescription:	Transplants
Species:	aspen
Product to be Harvested:	transplants-aspen-fir
Volume of Product:	up to 4,000 transplants
Estimated Direct Cost:	4000
Estimated Value:	16000
Estimated Duration:	5
Other Benefits:	Other benefits include improved forage production and will maintain access route for recreation use, wildfire control, and surface lessees.
Other Information:	This activity will occur seasonally for the next several years
Primary Purpose:	Revenue generation and aspen regeneration.

District: Gunnison

Continued State Land Improvement Projects from Prior Years - Gunnison

County: Gunnison County
Legal Description: S16, T50N, R2E
Size: 49
Common Name of Property: Cabin Creek
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: aspen transplants
Volume of Product: 2000
Estimated Direct Cost: 2500
Estimated Value: 8000
Estimated Duration: 3
Other Benefits:
Other Information:
Primary Purpose: Capture revenue from trees that will eventually die from suppression and accelerate growth on remaining trees.

County: Gunnison County
Legal Description: S16, T50N, R2E
Size: 40
Common Name of Property: Cabin Creek
Prescription: Clear cut
Species: aspen
Product to be Harvested: paneling, firewood
Volume of Product: 1091 cunits
Estimated Direct Cost: 4550
Estimated Value: 6550
Estimated Duration: 2
Other Benefits: Improve grazing for deer and elk habitat in big game wintering area. Aspen transplants will be available in the future.
Other Information: Best timber on the parcel has already been harvested and timber market is depressed. Doubtful this timber will sell, but will make it available should market conditions improve.
Primary Purpose: Practice will produce a healthy stand of Aspen and produce current and future forest products.

District: La Veta

Continued Projects from Prior Years - La Veta

County: Las Animas County
Legal Description: Sec 36 T31S r66W
Size: 320
Common Name of Property: Gulnare
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants firewood
Volume of Product: 150 transplants, 70 cords
Estimated Direct Cost: 820
Estimated Value: 3300
Estimated Duration: 2
Other Benefits: Salvage of materials from the gas drilling activities.
Other Information:
Primary Purpose: Improved forest and range resources by reducing fuel loading.

County: Las Animas County
Legal Description: Sec 16 T32S R65W
Size: 560
Common Name of Property: Boncarbo/Tamberilli
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants firewood
Volume of Product: 20 transplants, 30 cords
Estimated Direct Cost: 330
Estimated Value: 1800
Estimated Duration: 2
Other Benefits: Salvage of materials from the gas drilling activities.
Other Information:
Primary Purpose: Improved forest and range resources by reducing fuel loading.

County: Las Animas County
Legal Description: Sec 36 T32S R68W
Size: 420
Common Name of Property: San Pablo
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants firewood
Volume of Product: 50 transplants, 80 cords
Estimated Direct Cost: 770
Estimated Value: 3100
Estimated Duration: 2
Other Benefits: Salvage of materials from the gas drilling activities.
Other Information:
Primary Purpose: Improved forest and range resources by reducing fuel loading.

District: La Veta

Continued Projects from Prior Years - La Veta

County: Las Animas County
Legal Description: Sec 16 T32S R68W
Size: 320
Common Name of Property: Sheep Canyon
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants firewood
Volume of Product: 20 transplants, 80 cords
Estimated Direct Cost: 520
Estimated Value: 2100
Estimated Duration: 2
Other Benefits: Salvage of materials from the gas drilling activities.
Other Information:
Primary Purpose: Improved forest and range resources by reducing fuel loading.

County: Huerfano County
Legal Description: Sec 16 T27S R71W
Size: 320
Common Name of Property: Arco
Prescription: Thinning - transplant harvest
Species: piñon pine
Product to be Harvested: transplants
Volume of Product: 200
Estimated Direct Cost: 810
Estimated Value: 3100
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: Improved forest and range resources by reducing fuel loading.

County: Huerfano County
Legal Description: Sec 36 T27S R71W
Size: 320
Common Name of Property: Martin Creek
Prescription: Thinning - transplant harvest
Species: mixed conifer
Product to be Harvested: transplants firewood sawlogs X-mas trees
Volume of Product: 200 each
Estimated Direct Cost: 1020
Estimated Value: 3900
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: Improved forest and range resources by reducing fuel loading.

District: La Veta

Proposed Projects - La Veta

County:	Huerfano County
Legal Description:	Sec 19 T25S R67W
Size:	120
Common Name of Property:	Clements/Apache
Prescription:	Thinning - selective harvest
Species:	ponderosa pine
Product to be Harvested:	transplants firewood sawlogs
Volume of Product:	40 transplants, 30 cords, 100 MBF
Estimated Direct Cost:	850
Estimated Value:	2800
Estimated Duration:	3
Other Benefits:	
Other Information:	
Primary Purpose:	Improved forest and range resources by reducing fuel loading.

District: Salida

Completed Projects - Salida

County: Chaffee County
Legal Description: Sec. 7-T13S-R77W, 6PM
Size: 10
Common Name of Property: Chubb Park
Prescription: Thinning - mistletoe
Species: ponderosa pine
Product to be Harvested: sawlogs
Volume of Product: 20 ccf
Estimated Direct Cost: 750
Estimated Value: 201
Estimated Duration: 1
Other Benefits: The new trees will be less likely to be infected with dwarf mistletoe
Other Information: The understory was treated for dwarf mistletoe utilizing state engine crews and district personnel for a complete treatment of the acres.
Primary Purpose: The overstory trees are beginning to infect young trees with dwarf mistletoe.

County: Chaffee County
Legal Description: Sec. 36-T14S-R79W, 6PM
Size: 160
Common Name of Property: Maxwell Creek
Prescription: Forest recon survey
Species: ponderosa pine
Product to be Harvested: none
Volume of Product: n/a
Estimated Direct Cost: 240
Estimated Value: 0
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: The information will allow us to make better informed decisions in terms of forest management.

County: Lake County
Legal Description: SW1/4 Sec. 4 NW1/4 Sec 10-T10S-R80W, 6PM
Size: 160
Common Name of Property: Twin Lakes
Prescription: Forest recon survey
Species: lodgepole pine
Product to be Harvested: none
Volume of Product: 10 infested trees
Estimated Direct Cost: 300
Estimated Value: 0
Estimated Duration: 1
Other Benefits: Good public relations
Other Information:
Primary Purpose: The primary purpose was to find out if mountain pine beetles were actively attacking trees on the state land parcel.

District: Salida

Continued State Land Improvement Projects from Prior Years - Salida

County:	Chaffee County
Legal Description:	S7. T15S. R78W. 6PM
Size:	160
Common Name of Property:	Dry Creek
Prescription:	Forest recon survey
Species:	ponderosa pine
Product to be Harvested:	none
Volume of Product:	none
Estimated Direct Cost:	700
Estimated Value:	0
Estimated Duration:	1
Other Benefits:	
Other Information:	
Primary Purpose:	The primary purpose is to have more accurate information about the parcel for future planning..

District: Salida

Proposed Projects - Salida

County: Chaffee County
Legal Description: N1/2, S36, T49N, R7E, NMPM
Size: 13
Common Name of Property: Little Cochetopa
Prescription: Patch cuts
Species: lodgepole pine
Product to be Harvested: post and pole
Volume of Product: 7000+ post and poles
Estimated Direct Cost: 1500
Estimated Value: 750
Estimated Duration: 3
Other Benefits: Openings will provide wildlife forage and promote aspen suckering. The stand will be more resilient to natural disturbances.

Other Information:
Primary Purpose: The primary purpose is lodgepole age diversity and species diversity.

County: Chaffee County
Legal Description: N1/2, S36, T49N, R7E, NMPM
Size: 3
Common Name of Property: Little Cochetopa
Prescription: Thinning - Christmas trees harvest
Species: lodgepole pine
Product to be Harvested: Christmas trees
Volume of Product: 100 each
Estimated Direct Cost: 500
Estimated Value: 600
Estimated Duration: 1
Other Benefits: Thinning the lodgepole will give the new aspen more room to grow so the stand comes back as a mixed stand rather than mostly lodgepole pine.

Other Information:
Primary Purpose: The primary purpose is to thin the young lodgepole pine in an area previously clearcut.

County: Chaffee County
Legal Description: S20,T13S,R77W
Size: 5
Common Name of Property: Chubb Park
Prescription: Thinning - transplant harvest
Species: blue spruce
Product to be Harvested: transplants
Volume of Product: 30 trees
Estimated Direct Cost: 250
Estimated Value: 550
Estimated Duration: 1
Other Benefits: It provides much needed source of landscape trees.
Other Information:
Primary Purpose: The primary purpose is revenue generation.

District: Salida

Proposed State Land Improvement Projects - Salida

County:	Lake County
Legal Description:	SW1/4, S4 and NW1/4, S10, T11S, R80W 6PM
Size:	30
Common Name of Property:	Twin Lakes
Prescription:	Forest recon survey
Species:	lodgepole pine
Product to be Harvested:	unknown
Volume of Product:	unknown
Estimated Direct Cost:	240
Estimated Value:	0
Estimated Duration:	1
Other Benefits:	It provides for good public relations.
Other Information:	The number of acres to be inspected on the Twin Lakes section is reduced based on this year's pine beetle results.
Primary Purpose:	The primary purpose is proactive mountain pine beetle control.

District: State Forest

Completed Projects - State Forest

County: Jackson County
Legal Description: State Forest
Size: 304
Common Name of Property: Multiple Locations
Prescription: Clear cut
Species: lodgepole pine
Product to be Harvested: sawtimber, poles
Volume of Product: 3,520 MBF
Estimated Direct Cost:
Estimated Value: 399425
Estimated Duration:
Other Benefits:
Other Information: Big Meadow II Sale (SF-02-04) 40 acres, 675 MBF, Gould Mtn. North Sale (SF-05-04) 63.6 acres, 958 MBF, McNally Sale (SF-06-06) 200 acres, 1,887MBF
Primary Purpose: Revenue, Fuel breaks, improving overall forest health, MPB control

District: State Forest

Continued Projects from Prior Years - State Forest

County: Jackson County
Legal Description:
Size:
Common Name of Property: Highway 14 Zone
Prescription: Plan preparation - management/stewardship plan
Species:
Product to be Harvested:
Volume of Product:
Estimated Direct Cost:
Estimated Value:
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: Work with State Parks on improvements to the new bridge over the Middle Fork of the Michigan River by Ranger Lakes.

County: Jackson County
Legal Description: State Forest
Size: 275
Common Name of Property: Multiple Locations
Prescription: Clear cut
Species: lodgepole pine
Product to be Harvested: sawtimber, poles
Volume of Product: 4282 MBF
Estimated Direct Cost:
Estimated Value: 333000
Estimated Duration:
Other Benefits:
Other Information: Sale (SF-08-04) 75.3 acres, 1454 MBF, Sale (SF-07-04) 74.4 acres, 1165 MBF, Sale (SF-08-05) 125 acres, 1663 MBF
Primary Purpose: Revenue, Fuel breaks, improving overall forest health, MPB control.

County: Jackson County
Legal Description:
Size:
Common Name of Property: Colorado State Forest
Prescription: Plan preparation - management/stewardship plan
Species:
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 10000
Estimated Value:
Estimated Duration:
Other Benefits: Develop Community partnerships.
Other Information: Work towards state historical register status for the State Forest Service buildings.
Primary Purpose: Increase the capacity and opportunities to educate North Park students, residents, and other interested groups on natural resource issues and practices.

District: State Forest

Continued Projects from Prior Years - State Forest

County: Jackson County
Legal Description:
Size:
Common Name of Property: Colorado State Forest
Prescription: Invasive species removal
Species:
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 1000
Estimated Value:
Estimated Duration:
Other Benefits:
Other Information: Monitor/locate noxious weeds in timber sale areas and eradicate chemically or with other appropriate means
PrimaryPurpose: To eliminate the spread of invasive weed species.

County: Jackson County
Legal Description:
Size:
Common Name of Property: Colorado State Forest
Prescription: Monitoring
Species:
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 2000
Estimated Value:
Estimated Duration:
Other Benefits:
Other Information: Duration: Analyze the need and ability to start up sampling again.
PrimaryPurpose: Sampling on four sites for Macro-invertebrates and other sampling types on other locations in the Colorado State Forest to assess ecosystem health and management impacts.

County: Jackson County
Legal Description:
Size:
Common Name of Property: Colorado State Forest
Prescription: Monitoring
Species:
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 6000
Estimated Value:
Estimated Duration:
Other Benefits:
Other Information: Each of the eleven permanent sites should be monitored 2 times during the field season; once in the spring, once in the fall.
PrimaryPurpose: Monitor water quality in eleven locations on the major drainages on the Colorado State Forest.

District: State Forest

Continued Projects from Prior Years - State Forest

County:	Jackson County
Legal Description:	
Size:	
Common Name of Property:	Colorado State Forest – Medicine Bow Zone
Prescription:	Monitoring
Species:	
Product to be Harvested:	
Volume of Product:	
Estimated Direct Cost:	20000
Estimated Value:	
Estimated Duration:	1
Other Benefits:	
Other Information:	
Primary Purpose:	Perform a complete and thorough forest inventory throughout the Colorado State Forest. Use current technology to provide accurate and detailed data to implement into the Integrated Management Plan.
County:	Jackson County
Legal Description:	Colorado State Forest
Size:	
Common Name of Property:	Colorado State Forest Service headquarters
Prescription:	Maintenance – facilities, roads, etc.
Species:	
Product to be Harvested:	
Volume of Product:	
Estimated Direct Cost:	2500
Estimated Value:	
Estimated Duration:	
Other Benefits:	To promote ongoing seasonal employment and research projects.
Other Information:	Obtain the necessary permission and support to build these facilities.
Primary Purpose:	To determine site location and design for a facility to provide housing for seasonal employees and space for environmental programming. Determine a site location and facilities design for a winter maintenance shop.
County:	Jackson County
Legal Description:	
Size:	30
Common Name of Property:	State Forest/Pre-commercial Thin Management Zone/Unit/Stand: Highway 14 Zo
Prescription:	Thinning - timber stand improvement
Species:	lodgepole pine
Product to be Harvested:	
Volume of Product:	
Estimated Direct Cost:	
Estimated Value:	
Estimated Duration:	1
Other Benefits:	
Other Information:	Thin 15 to 30 year old LPP to 10 foot spacing
Primary Purpose:	Improve health and vigor of sapling size regeneration in 15 to 30 year old clear-cuts.

District: State Forest

Continued Projects from Prior Years - State Forest

County: Jackson County
Legal Description:
Size:
Common Name of Property: Agnes Road, Craggs Zone
Prescription: Plan preparation - management/stewardship plan
Species: lodgepole pine
Product to be Harvested: sawtimber poles
Volume of Product:
Estimated Direct Cost: 0
Estimated Value:
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: Work with State Parks and the City of Fort Collins on reroute of the Agnes Road, utilizing commercial timber harvesting if possible.

County: Jackson County
Legal Description:
Size:
Common Name of Property: Colorado State Forest
Prescription: Maintenance – facilities, roads, etc.
Species:
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 10000
Estimated Value:
Estimated Duration:
Other Benefits:
Other Information:
Primary Purpose: General maintenance of all State Forest administrative roads.

County: Jackson County
Legal Description: State Forest
Size:
Common Name of Property: Throughout the State Forest
Prescription: Sanitation salvage - bark beetle
Species: lodgepole pine
Product to be Harvested:
Volume of Product:
Estimated Direct Cost:
Estimated Value:
Estimated Duration: 5
Other Benefits: Manage the mountain pine and spruce beetle infestations in the campground and dispersed recreation areas.
Other Information: We submitted a five year forest mitigation plan/budget to State Parks.
Primary Purpose: Identify and very aggressively treat mountain pine beetle infestations to protect recreation areas and eliminate hazards to visitors and structures.

District: State Forest

Continued Projects from Prior Years - State Forest

County: Jackson County
Legal Description: Highway 14 Zone, Craggs Zone
Size:
Common Name of Property: State Forest Gould trail, Ranger Lakes campground, Craggs campground, and adjacent
Prescription: Sanitation salvage - bark beetle
Species: Engelmann spruce
Product to be Harvested: Saw timber
Volume of Product:
Estimated Direct Cost:
Estimated Value:
Estimated Duration: 5
Other Benefits: Wildland fuel breaks, preserve recreation areas, improve wildlife habitat, and promote overall forest health.
Other Information: We submitted a five year forest mitigation plan/budget to State Parks.
Primary Purpose: To achieve future desired vegetative conditions in designated priority areas and the Colorado State Forest.

County: Jackson County
Legal Description:
Size: 1
Common Name of Property: CR 41, Canadian River Zone
Prescription:
Species: lodgepole pine
Product to be Harvested: N/A
Volume of Product:
Estimated Direct Cost:
Estimated Value:
Estimated Duration: 2
Other Benefits: Possible discovery of an alternative way to control MPB
Other Information: Arborjet, Inc. Test Trial. This study will continue through 2009 and will include post treatment assessments, data summary and analysis.
Primary Purpose: Test the efficacy of a systemic insecticide in conifers for protection from mountain pine beetle.

County: Jackson County
Legal Description: State Forest
Size:
Common Name of Property: Throughout the State Forest
Prescription: Salvage - post harvest / firewood
Species: lodgepole pine
Product to be Harvested: firewood, transplants
Volume of Product:
Estimated Direct Cost:
Estimated Value:
Estimated Duration:
Other Benefits: Fire mitigation of post sale areas, community stewardship, thinning regeneration areas.
Other Information:
Primary Purpose: Manage for small firewood sales, transplant sales, and other small scale forest management actions.

District: State Forest

Proposed Projects - State Forest

County: Jackson County
Legal Description: S10, S14 and S15, T7N, R77W
Size: 60
Common Name of Property: Colorado State Forest/Custer Draw Timber Sale Management Zone/Unit/Stand: M
Prescription: Clear cut
Species: lodgepole pine
Product to be Harvested: sawtimber
Volume of Product: 850 MBF
Estimated Direct Cost:
Estimated Value: 80000
Estimated Duration: 2
Other Benefits: Addresses beetle infestation in areas adjacent to private land.
Other Information:
Primary Purpose: Regeneration clearcuts in over-mature and diseased, and mountain pine beetle infested lodgepole pine.

County: Jackson County
Legal Description: S10, S14 and S15, T7N, R77W
Size: 60
Common Name of Property: Colorado State Forest/Recon next - Timber Sale Management Zone/Unit/Stand: H
Prescription: Forest recon survey
Species: lodgepole pine
Product to be Harvested: Sawtimber, Poles
Volume of Product:
Estimated Direct Cost:
Estimated Value:
Estimated Duration: 2
Other Benefits: Addresses beetle infestation
Other Information:
Primary Purpose: Identify and very aggressively treat mountain pine beetle infestations.

County: Jackson County
Legal Description: State Forest
Size:
Common Name of Property: Throughout the State Forest
Prescription: Monitoring
Species: lodgepole pine
Product to be Harvested: sawtimber, poles
Volume of Product:
Estimated Direct Cost: 0
Estimated Value: 0
Estimated Duration:
Other Benefits:
Other Information: This is a joint project with the Rocky Mountain Research Station, USDA Forest Service.
Primary Purpose: Study the effects of mountain pine beetle and forest management on water quantity, quality, and forest recovery.

District: State Forest

Proposed State Land Improvement Projects - State Forest

County: Jackson County
Legal Description:
Size: 32
Common Name of Property: Colorado State Forest
Prescription: Site preparation
Species:
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 2000
Estimated Value:
Estimated Duration: 1
Other Benefits:
Other Information: Skid trails, landings and burn piles on previous sales sites will be seeded, as well as roads if they are not to be used further.
Primary Purpose: Encourage Regeneration, minimize erosion.

County: Jackson County
Legal Description:
Size:
Common Name of Property: Colorado State Forest
Prescription: Prescribed burning - slash piles
Species:
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 2500
Estimated Value:
Estimated Duration:
Other Benefits:
Other Information: Allen Creek sale, Grandpa sale, CR 41, Bockman area, Highway 14 sale, Ridge sale, Firewood area
Primary Purpose: Fuel load reduction.

District: Steamboat Springs

Continued Projects from Prior Years - Steamboat Springs

County: Routt County
Legal Description: Sec 36 T3N R84W 6th Principal Meridian
Size: 40
Common Name of Property: Morrison Creek
Prescription: Seeding and cleanup of harvest
Species: lodgepole pine
Product to be Harvested: sawlogs
Volume of Product: N/A
Estimated Direct Cost: 300
Estimated Value: 0
Estimated Duration: 2
Other Benefits: Normal post sale follow-up.
Other Information:
Primary Purpose: Reduce erosion to protect the forest resource and increase forage.

County: Jackson County
Legal Description: Section 36, T6N, R82W 6th Principal Meridian
Size: 10
Common Name of Property: Rabbit Ears
Prescription: Monitor - noxious weeds
Species: not applicable
Product to be Harvested: N/A
Volume of Product: N/A
Estimated Direct Cost: 0
Estimated Value: 0
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: To protect the forest resource through monitoring and control of noxious weeds.

County: Jackson County
Legal Description: Portions of Sections 19,29,30,31, 32, T6N, R81 W Sections 5,6, T5N, R81 W, Sec 100
Size: 100
Common Name of Property: Rabbit Ears
Prescription: Sanitation salvage - bark beetle
Species: lodgepole pine
Product to be Harvested: sawlogs
Volume of Product: 800 mbf
Estimated Direct Cost: 4000
Estimated Value: 5000
Estimated Duration: 2
Other Benefits: This project will reduce fire danger, increase forage for wildlife and cattle, create browse for moose and elk, and provides a valuable source of future income through aspen transplants.

Other Information:
Primary Purpose: This project will salvage existing lodgepole, create needed age-class diversification in the aspen component, regenerate the lodgepole stands and generate revenue.

District: Steamboat Springs

Continued Projects from Prior Years - Steamboat Springs

County: Jackson County
Legal Description: Sec 16 T11N R79W 6th Principal Meridian
Size: 50
Common Name of Property: Pinkham Mountain
Prescription: Sanitation salvage - bark beetle
Species: lodgepole pine
Product to be Harvested: sawlogs
Volume of Product: 400 mbf
Estimated Direct Cost: 6000
Estimated Value: 20000
Estimated Duration: 2
Other Benefits: This project will also reduce fire danger and increase forage for wildlife and domestic animals.

Other Information:
Primary Purpose: This project will salvage existing wood, generate revenue, and regenerate these stands.

County: Jackson County
Legal Description: Sec 16 T6N R78W
Size: 80
Common Name of Property: Indian Creek 6th Principal Meridian
Prescription: Sanitation salvage - bark beetle
Species: lodgepole pine
Product to be Harvested: sawlogs
Volume of Product: 200 mbf
Estimated Direct Cost: 4000
Estimated Value: 10000
Estimated Duration: 2
Other Benefits: This project will also reduce fire danger and increase forage for wildlife and domestic animals.

Other Information:
Primary Purpose: This project will salvage existing wood, generate revenue, and regenerate these stands.

County: Jackson County
Legal Description: NE ¼ NW1/4 , Section 36, T12N, R81 W, 6th Principal Meridian
Size: 10
Common Name of Property: Independence Mountain
Prescription: Monitor - noxious weeds
Species: not applicable
Product to be Harvested: N/A
Volume of Product: N/A
Estimated Direct Cost: 0
Estimated Value: 0
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: To protect the forest resource through monitoring and control of noxious weeds.

District: Steamboat Springs

Proposed Projects - Steamboat Springs

County: Jackson County
Legal Description: Multiple
Size: 0
Common Name of Property: Multiple
Prescription: Monitor - mountain pine beetle
Species: not applicable
Product to be Harvested:
Volume of Product:
Estimated Direct Cost:
Estimated Value:
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: To protect the forest resource through monitoring for mountain pine beetle attacks.

County: Jackson County
Legal Description: Section 36, T6N, R82W 6th Principal Meridian
Size: 100
Common Name of Property: Rabbit Ears
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: Aspen transplants
Volume of Product: 1000 assorted (size) transplants
Estimated Direct Cost: 2500
Estimated Value: 5000
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: Thinning aspen transplants increases the vigor of the residual stand while providing some income with minimal disturbance

District: Woodland Park

Completed Projects - Woodland Park

County: Park County
Legal Description: All state lands managed by Woodland Park District
Size:
Common Name of Property:
Prescription: Forest recon survey
Species: not applicable
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 5000
Estimated Value: 0
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: Continued preparation of state lands forest management plan.

County: Park County
Legal Description: Sec 3 & 10, T13S, R77W
Size: 200
Common Name of Property: Antero Junction
Prescription: Prescribed burning - slash piles
Species: not applicable
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 550
Estimated Value: 0
Estimated Duration: 2
Other Benefits:
Other Information: No State Land Improvement funds to be utilized. District funds and other sources only.
Primary Purpose: Removal of material suitable for Ips beetle propagation.

County: Park County
Legal Description: Sec 8 & 17, T10S, R77W
Size: 15
Common Name of Property: Fairplay/4-mile
Prescription: Thinning - transplant harvest
Species: Engelmann spruce
Product to be Harvested: transplants
Volume of Product: each
Estimated Direct Cost: 900
Estimated Value: 1500
Estimated Duration: 1
Other Benefits: Harvesting spruce transplants help release and encourage aspen resprouting.
Other Information:
Primary Purpose: This is the best use for the product for generating revenue.

District: Woodland Park

Completed Projects - Woodland Park

County: Park County
Legal Description: Sec 16, T10S, R75W
Size: 50
Common Name of Property: Ruby Gulch
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: transplants
Volume of Product: 400 stems
Estimated Direct Cost: 960
Estimated Value: 1600
Estimated Duration: 1
Other Benefits: Harvesting aspen transplants help release and encourage aspen resprouting.
Other Information:
Primary Purpose: This is the best use for the product for generating revenue.

County: Teller County
Legal Description: Sec 36, T14S, R70W
Size: 50
Common Name of Property: Rhyolite Mountain
Prescription: Thinning - fire wood harvest
Species: aspen
Product to be Harvested: firewood
Volume of Product: 10 cords
Estimated Direct Cost: 60
Estimated Value: 100
Estimated Duration: 1
Other Benefits:
Other Information:
Primary Purpose: Salvaging dead aspen help improve the health of the forest and encourages aspen resprouting.

County: El Paso County
Legal Description: Sec 16, T12S, R65W
Size: 120
Common Name of Property: Black Forest Sec 16
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants
Volume of Product: 1000 linear feet
Estimated Direct Cost: 6500
Estimated Value: 11410
Estimated Duration: 1
Other Benefits: Thinning this thirty-year old regenerating forest increases the health of the residual trees promoting continued transplant operations as well as reducing overall fire risk to the general forested community.

Other Information:
Primary Purpose: To generate revenue through thinning the forest to an appropriate density and to liberate advanced regeneration. This harvest will also allow for additional seedlings to become established and create opportunity for future transplant stock.

District: Woodland Park

Continued Projects from Prior Years - Woodland Park

County: Park County
Legal Description: Sections 8 & 17, T10S, R77W
Size: 15
Common Name of Property: Fairplay/4 Mile
Prescription: Thinning - transplant harvest
Species: Engelmann spruce
Product to be Harvested: transplants
Volume of Product: 50 stems
Estimated Direct Cost: 450
Estimated Value: 750
Estimated Duration: 1
Other Benefits: Enhances wildlife habitat.
Other Information:
Primary Purpose: Stimulates aspen regeneration.

County: El Paso County
Legal Description: Sec 16, T12S, R65W
Size: 20
Common Name of Property: Black Forest Sec 16
Prescription: Thinning - fire wood harvest
Species: ponderosa pine
Product to be Harvested: firewood
Volume of Product: 40 cords
Estimated Direct Cost: 150
Estimated Value: 260
Estimated Duration: 2
Other Benefits: Thinning enhances the fuelbreak between District 20's School in the Woods and the rest of the section, improves foraging opportunities and habitat for wildlife, and protects the Black Forest community resources.
Other Information:
Primary Purpose: Forest resources are being protected while improving the immediate and overall forest health.

County: Teller County
Legal Description: Sec 36, T14S, R70W
Size: 45
Common Name of Property: Rhyolite Mountain
Prescription: Thinning - selective harvest
Species: Engelmann spruce
Product to be Harvested: firewood and sawlogs
Volume of Product: 240 ccf
Estimated Direct Cost: 3000
Estimated Value: 6251
Estimated Duration: 2
Other Benefits:
Other Information:
Primary Purpose: Select cutting to improve forest health and promote regeneration of aspen.

District: Woodland Park

Continued Projects from Prior Years - Woodland Park

County: Park County
Legal Description: Sections 3, 4, 9, & 10, T9S, R76W
Size: 50
Common Name of Property: Reineker Ridge
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: transplants
Volume of Product: 1000 stems
Estimated Direct Cost: 1200
Estimated Value: 3250
Estimated Duration: 1
Other Benefits: Stimulates aspen regeneration, enhances wildlife habitat, and mitigates sudden aspen decline and other pathogens impacting aspen.

Other Information:
Primary Purpose: Best use and value for designated forest product.

County: Park County
Legal Description: Sections 36 T9S, R75W
Size: 20
Common Name of Property: Indian Mountain
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: transplants
Volume of Product: 200 stems
Estimated Direct Cost: 400
Estimated Value: 650
Estimated Duration: 2
Other Benefits: Enhances wildlife habitat.

Other Information:
Primary Purpose: Stimulates aspen regeneration and mitigates sudden aspen decline and other pathogens impacting aspen.

County: Park County
Legal Description: Sections 2, 3, 10, 14, T13S, R77W & Section 26, T12S, R75W
Size: 400
Common Name of Property: Antero Junction
Prescription: Sanitation salvage - bark beetle
Species: ponderosa pine
Product to be Harvested: firewood and sawlogs
Volume of Product: 400 cords
Estimated Direct Cost: 2000
Estimated Value: 4500
Estimated Duration: 2
Other Benefits: Best use and value for designated forest product.

Other Information:
Primary Purpose: Sanitation cutting to remove infested and insect killed timber to mitigate mountain pine beetle infestations.

District: Woodland Park

Continued Projects from Prior Years - Woodland Park

County: Park County
Legal Description: Sections 2, 3, 10, 14, T13S, R77W & Section 26, T12S, R75W & Section 35, T12
Size: 260
Common Name of Property: Antero Junction & Crazy Horse
Prescription: Sanitation salvage - bark beetle
Species: ponderosa pine
Product to be Harvested: firewood
Volume of Product: 112 cords
Estimated Direct Cost: 585
Estimated Value: 970
Estimated Duration: 2
Other Benefits: Best use and value for designated forest product.
Other Information:
Primary Purpose: Sanitation cutting to remove infested and insect killed timber mitigating mountain pine beetle infestations.

County: Park County
Legal Description: Section 36, T14S, R74W
Size: 10
Common Name of Property: Dick's Creek
Prescription: Clear cut
Species: aspen
Product to be Harvested: firewood
Volume of Product: 265 cords
Estimated Direct Cost: 1590
Estimated Value: 2650
Estimated Duration: 2
Other Benefits: Enhances wildlife habitat.
Other Information:
Primary Purpose: Regenerate aspen to promote varied age classes.

County: Park County
Legal Description: Sections 8 & 17, T10S, R77W
Size: 10
Common Name of Property: Fairplay/4 Mile
Prescription: Clear cut
Species: aspen
Product to be Harvested: firewood
Volume of Product: 111 cords
Estimated Direct Cost: 1000
Estimated Value: 1655
Estimated Duration: 2
Other Benefits: Enhances wildlife habitat.
Other Information:
Primary Purpose: Regenerate aspen to promote varied age classes.

District: Woodland Park

Continued Projects from Prior Years - Woodland Park

County:	Park County
Legal Description:	Sections 8, 16, & 17, T11S, R77W
Size:	150
Common Name of Property:	Black Mountain
Prescription:	Sanitation salvage - bark beetle
Species:	ponderosa pine
Product to be Harvested:	firewood and sawlogs
Volume of Product:	300 cords
Estimated Direct Cost:	1800
Estimated Value:	3000
Estimated Duration:	2
Other Benefits:	Best use and value for designated forest product impacted by or susceptible to mountain pine beetle.
Other Information:	
Primary Purpose:	Sanitation cutting to remove infested and insect killed timber to mitigate mountain pine beetle infestations.

District: Woodland Park

Continued State Land Improvement Projects from Prior Years - Woodland Park

County:	Park County
Legal Description:	Sections 3 & 10, T13S, R77W
Size:	200
Common Name of Property:	Antero Junction
Prescription:	Prescribed burning - slash piles
Species:	not applicable
Product to be Harvested:	
Volume of Product:	
Estimated Direct Cost:	1100
Estimated Value:	
Estimated Duration:	2
Other Benefits:	
Other Information:	No State Land Improvement Funds to be utilized. District funds and other sources only.
Primary Purpose:	Removal of material suitable for Ips beetle propagation.

District: Woodland Park

Previously Approved Projects, Postponed Until a Later Date - Woodland Park

County: El Paso County
Legal Description: Sec 16, T12S, R65W
Size: 20
Common Name of Property: Black Forest Sec 16
Prescription: Thinning - Christmas trees harvest
Species: ponderosa pine
Product to be Harvested: Christmas trees
Volume of Product: 75 each
Estimated Direct Cost: 450
Estimated Value: 750
Estimated Duration: 2
Other Benefits:
Other Information:
Primary Purpose: This project will be a revenue positive project, along with improving forest health.

County: El Paso County
Legal Description: Sec 16, T12S, R65W
Size: 50
Common Name of Property: Black Forest Sec 16
Prescription: Prescribed burning - broad cast
Species: not applicable
Product to be Harvested:
Volume of Product:
Estimated Direct Cost: 1000
Estimated Value: 0
Estimated Duration: 2
Other Benefits: Other benefits include protection of neighboring properties and improved forage production.

Other Information:
Primary Purpose: Re-introducing fire to this fire-dependent ecosystem will help support forest and ecological restoration practices.

County: Teller County
Legal Description: Sec 36, T14S, R70W
Size: 10
Common Name of Property: Rhyolite Mountain
Prescription: Thinning - transplant harvest
Species: Engelmann spruce
Product to be Harvested: transplants
Volume of Product: 130 stems
Estimated Direct Cost: 200
Estimated Value: 400
Estimated Duration: 1
Other Benefits: Aspen resprouting will be stimulated while improving forest health.
Other Information:
Primary Purpose: This is the best use for the product for generating revenue.

District: Woodland Park

Previously Approved Projects, Postponed Until a Later Date - Woodland Park

County: Park County
Legal Description: Section 3, T13S, R77W
Size: 20
Common Name of Property: Antero Junction
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants
Volume of Product: 500 linear feet
Estimated Direct Cost: 600
Estimated Value: 1000
Estimated Duration: 1
Other Benefits: Transplanting also contributes to fire risk reduction.
Other Information:
Primary Purpose: This is the best use and value for the designated forest product.

County: Park County
Legal Description: Sections 3, 4, & 9, T9S, R76W
Size: 40
Common Name of Property: Reineker
Prescription: Clear cut
Species: aspen
Product to be Harvested: firewood
Volume of Product: 400 cords
Estimated Direct Cost: 2500
Estimated Value: 4000
Estimated Duration: 2
Other Benefits: Enhances wildlife habitat.
Other Information:
Primary Purpose: Regenerate aspen to promote varied age classes.

County: Park County
Legal Description: Sec 16, T10S, R75W
Size: 10
Common Name of Property: Ruby Gulch
Prescription: Thinning - transplant harvest
Species: aspen
Product to be Harvested: transplants
Volume of Product: 200 stems
Estimated Direct Cost: 425
Estimated Value: 650
Estimated Duration: 1
Other Benefits: Harvesting aspen transplants help release and encourage aspen resprouting.
Other Information:
Primary Purpose: This is the best use for the product for generating revenue.

District: Woodland Park

Previously Approved Projects, Postponed Until a Later Date - Woodland Park

County: Park County
Legal Description: Section 28, T12S, R72W
Size: 200
Common Name of Property: Link Creek
Prescription: Thinning - timber stand improvement
Species: ponderosa pine
Product to be Harvested: firewood and sawlogs
Volume of Product: 340 cords
Estimated Direct Cost: 1200
Estimated Value: 2000
Estimated Duration: 2
Other Benefits:
Other Information:
Primary Purpose: This will help improve forest health and generate revenue.

County: Park County
Legal Description: Section 3, T14S, R77W
Size: 10
Common Name of Property: Antero Junction
Prescription: Patch cuts
Species: aspen
Product to be Harvested: firewood
Volume of Product: 100 cords
Estimated Direct Cost: 600
Estimated Value: 1000
Estimated Duration: 2
Other Benefits: Enhances wildlife habitat.
Other Information:
Primary Purpose: Clear cut aspen in small acreage to stimulate aspen regeneration, increase age class diversity.

District: Woodland Park

Proposed Projects - Woodland Park

County: El Paso County
Legal Description: Sec 16, T12S, R65W
Size: 100
Common Name of Property: Black Forest Sec 16
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants
Volume of Product: 1000 linear feet
Estimated Direct Cost: 6600
Estimated Value: 11000
Estimated Duration: 2
Other Benefits:
Other Information:
Primary Purpose: Thinning this thirty-year old regenerating forest increases the health of the residual trees promoting continued transplant operations as well as reducing overall fire risk to the general forested community.

County: Park County
Legal Description: Sections 2, 3, 10, 11, 14, 15, T13S, R77W
Size: 200
Common Name of Property: Antero Junction
Prescription: Sanitation salvage - bark beetle
Species: ponderosa pine
Product to be Harvested: firewood
Volume of Product: 200 cords
Estimated Direct Cost: 1200
Estimated Value: 2000
Estimated Duration: 2
Other Benefits: Best use and value for designated forest product.
Other Information:
Primary Purpose: Sanitation cutting to remove infested and insect killed timber mitigating mountain pine beetle infestations.

County: Park County
Legal Description: Section 36, T14S, R74W
Size: 10
Common Name of Property: Dick's Creek
Prescription: Salvage - post harvest / firewood
Species: aspen
Product to be Harvested: firewood
Volume of Product: 265 cords
Estimated Direct Cost: 1590
Estimated Value: 2650
Estimated Duration: 2
Other Benefits: Enhances wildlife habitat.
Other Information:
Primary Purpose: Regenerate aspen to promote varied age classes.

District: Woodland Park

Proposed Projects - Woodland Park

County: Park County
Legal Description: Section 16, T15S, R71W
Size: 15
Common Name of Property: Bear Trap
Prescription: Salvage - post harvest / firewood
Species: mixed conifer
Product to be Harvested: firewood
Volume of Product: 68 cords
Estimated Direct Cost: 285
Estimated Value: 476
Estimated Duration: 2
Other Benefits:
Other Information:
Primary Purpose: Salvage timber from 2008 Nash Ranch Fire near Guffey.

County: Park County
Legal Description: (Unit A) Pt Sec 4 and 5, (Unit B) S1/2 Sec 14, S1/2 Sec 15, Sec 16, N1/2 Sec 22,
Size: 200
Common Name of Property: Round Mountain
Prescription: Thinning - transplant harvest
Species: ponderosa pine
Product to be Harvested: transplants
Volume of Product: 560 linear feet
Estimated Direct Cost: 2000
Estimated Value: 3360
Estimated Duration: 2
Other Benefits:
Other Information:
Primary Purpose: Best use and value for designated forest product.

County: Teller County
Legal Description: Section 16, T15S, R69W
Size: 20
Common Name of Property: Grassy Creek
Prescription: Clear cut
Species: aspen
Product to be Harvested: firewood
Volume of Product: 30 cords
Estimated Direct Cost: 180
Estimated Value: 300
Estimated Duration: 2
Other Benefits:
Other Information:
Primary Purpose: Clear cut aspen for revenue prior to sections sale.

Appendix A

Forested State Trust Land Forest Project Revenue Summary 1993-2009

Year	Total Revenue	SLB Net
1993	\$188,245	\$75,298
1994	\$404,871	\$161,948
1995	\$278,599	\$111,439
1996	\$498,697	\$199,479
1997	\$511,248	\$204,499
1998	\$566,264	\$226,505
1999	\$742,952	\$297,180
2000	\$376,417	\$151,644
2001	\$399,966	\$161,160
2002	\$302,890	\$122,200
2003	\$192,568	\$77,789
2004	\$224,941	\$90,858
2005	\$438,404	\$175,363
2006	\$382,310	\$153,222
2007	\$354,234	\$142,489
2008	\$404,832	\$162,524
Totals	\$6,267,438	\$2,513,597

COLORADO STATE FOREST SERVICE

Colorado State University
203 Forestry Bldg.
Fort Collins, Colorado 80523-5060
(970) 491-6303

ALAMOSA DISTRICT

Colorado State Forest Service
P. O. Box 1137
129A Santa Fe
Alamosa, CO 81101-1137
(719) 587-0915

FORT COLLINS DISTRICT

Colorado State Forest Service
Building #1052, Foothills Campus
Colorado State University
Fort Collins, CO 80523-5075
(970) 491-8660

GRANBY DISTRICT

Colorado State Forest Service
P. O. Box 69
201 E Jasper Ave.
Granby, CO 80446-0069
(970) 887-3121

LA VETA DISTRICT

Colorado State Forest Service
P. O. Box 81
Moore & Poplar Streets
La Veta, CO 81055-0081
(719) 742-3588

BOULDER DISTRICT

Colorado State Forest Service
5625 Ute Highway
Longmont, CO 80503-9130
(303) 823-5774

FORT MORGAN DISTRICT

Colorado State Forest Service
801 East Burlington
Fort Morgan, CO 80701-3638
(970) 867-5610

GRAND JUNCTION DISTRICT

Colorado State Forest Service
State Services Building
222 South 6th Street, Room 416
Grand Junction, CO 81501-2771
(970) 248-7325

MONTROSE DISTRICT

Colorado State Forest Service
102 Par Place, Suite 3
Montrose, CO 81401-4196
(970) 249-9051

CANON CITY DISTRICT

Colorado State Forest Service
515 McDaniel Blvd., Industrial Park
Canon City, CO 81212-4164
(719) 275-6865

FRANKTOWN DISTRICT

Colorado State Forest Service
P. O. Box 485
2068 North State Highway 83
Franktown, CO 80116-0485
(303) 660-9625

GUNNISON DISTRICT

Colorado State Forest Service
P. O. Box 1390
Gunnison, CO 81230-1390
(970) 641-6852

SALIDA DISTRICT

Colorado State Forest Service
7980 West Highway 50
Salida, CO 81201-9571
(719) 539-2579

DURANGO DISTRICT

Colorado State Forest Service
P. O. Box 7233
Fort Lewis College Campus
Durango, CO 81301-3908
(970) 247-5250

GOLDEN DISTRICT

Colorado State Forest Service
1504 Quaker Street
Golden, CO 80401-2956
(303) 279-9757

LA JUNTA DISTRICT

Colorado State Forest Service
208 Santa Fe Avenue, Suite 21
La Junta, CO 81050-0977
(719) 384-9087

STEAMBOAT SPRINGS DISTRICT

Colorado State Forest Service
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