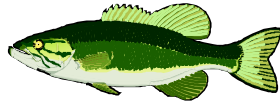




## Eco-Systems, Inc.

[WWW.SOILANDWATER.COM](http://WWW.SOILANDWATER.COM)

*"The Natural Resource For Sustainable Land and Water Stewardship"*



Date: July 28, 2009

Contract Job Opportunity – Immediate Openings For Sawyers/Environmental Specialists  
Contact Steve Chafin, Project Manager - for more info or to interview at:  
Phone (970) – 779- 9020  
Email: [stevechafin@gmail.com](mailto:stevechafin@gmail.com)

### I. Introduction:

The Modern Day Mountain Man/Woman: The historical mountain man lived in the mountains and remote regions because they loved the environment, solitude, and the outdoor work. So do we. While the mountain man of old hunted, trapped, mined, and traded for commerce, The Eco-Systems, Inc. modern day mountain man/woman performs ecological restoration, erosion control, vegetation management, wildlife habitat enhancement, environmental construction, fire remediation, etc. for commerce.

Eco-Systems, Inc. is a professional land and water stewardship company with national headquarters in Bloomington, Indiana. Since 1996 we have provided ecological restoration services to federal, state and private customers throughout the US. Our ecological restoration projects include forest, range, prairie, savannah, and desert restoration, on terrestrial habitats. For aquatic habitats we provide services for the construction, restoration and enhancement of lakes, ponds, streams, and wetlands.

We also perform:

- Technical erosion control and re-vegetation services, for slopes and channels.
- Vegetation management projects provide mulching, noxious weed control, thinning, and re-planting services.
- Expert property management services to large landowners and farmers/ranchers.
- Wildlife habitat program provides wildlife habitat restoration and enhancement for all types of wildlife.

**6640 N. Old State Rd. 37, Bloomington, IN 47408**  
**Phone: 812-339-6664 - Email: [swc@soilandwater.com](mailto:swc@soilandwater.com)**

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We are currently looking for trained/experienced “sawyers” with experience in operating and maintaining chain saws in higher altitude environments. If you would like to make a positive impact on habitats around the U.S. (mainly the Rocky Mountain states), do not mind camping for extended periods, and vigorous outdoor work for 10 hours per day, then we may be able to contract with you. Prospective sawyers should be physically/mentally tough, but delightful, team players

## **II. About the Project(s):**

The project we are currently adding sub-contractors/staff for is a Woodland Restoration/Forest Thinning project with the objective of restoring/improving a Ponderosa pine stand and to reduce fire hazard in the region. The project is on Federal BLM land in north western New Mexico, approximately 20 miles south of the Colorado border, at an elevation of about 8,500 feet. The weather is dry and mild, and slopes are less than 10%.

Directions to the site: From Bloomfield go east on US 64 for 40 miles to Forest Road 314 between mile markers 105 and 106. Go south on FR 314 for 5.3 miles and you arrive at our camp. From Dulce, go east on US 64 for about 25 miles to FR 314 between mile markers 106 and 105. Go south on FR 314 for 5.3 miles. The site is found on the 100,000:1 scale Gobernador map.

The method of restoration is through small diameter tree culling/removal (Pinyon pine and One Seed Juniper). All biomass will be re-used to the greatest extent possible for energy and erosion control products.

## **III. Travel Requirements:**

Our work is mainly located in the southern Rocky Mountains and the Four Corners region. Occasionally we travel up to Northern Wyoming and southern Montana or Idaho. As well, there may be projects in northern California, Louisiana, and Florida on occasion. Crew members and subcontract crews in good standing are always welcome to travel to projects as they are needed. There is no reimbursement for daily commuting. However you can often ride with a foreman to a project. For core crew members mobilization expenses to a project are covered by the company.

## **IV. Work Period:**

All positions begin immediately with secure work until through October, 2009 on current project with likely extension through the winter and on through 2010 on other projects. Our company approach is to develop projects at various elevations and regions in order to maintain a continuum of projects throughout the year.

## **V. Core Crew Daily Hours of Operation (subcontractors' hours may vary)**

We work 10 hours per day broken up as below:

Breakfast & dressed 6:00 – 7:00 am

Start work 7:00 am saw maintenance or thinning to 11:00 am

Break for brunch 11:00 am 11:45 am

Work on thinning 11:45 – 4:00 pm

Break for late lunch 4:00 pm – 4:45 pm

Work on thinning 4:45 pm – 6:30 pm

6:30 pm break for evening dinner prep, clean up, rest, campfire time.

## **VI. Qualifications of Subcontractors and Employees**

- Honest, of highest integrity, and maintain a positive attitude when the going gets tough (because the going always gets tough – that’s life).
- Temperance is important. Excessive drinking is counter to the company objectives. Any illegal drug use is not tolerated. Too many things go wrong as a result.
- Excessive vulgarity is not welcome.
- You must be reasonably fit and able to work vigorously outdoors for long periods of time.
- You must be equipped to camp comfortably for extended periods of time (the weather happens to be perfect in NM).
- Team oriented, willing to help others when necessary.
- Be clean and tidy in camp. Keep your belongings organized, do your dishes, bathe, bury your poop (not necessarily in that order).
- Be mechanically inclined. You must be able to maintain your own chain saw and equipment.
- Have a drivers license and be legally able to work in the USA.

## **VII. Subsistence and Living Arrangements:**

We typically work on US Federal and/or State Lands. Our crews generally camp on or near the project site. However, some crews, and especially subcontractors, live in nearby towns or ranches. Camping can be in tents or self contained campers. Camps MUST be clean, neat, sanitary, and bear proof. Simple, but clean and comfortable is recommended. The company may provide drinks, ice and/or meals on occasion, but the crew members are responsible for subsistence. The company may also provide a supply of fresh water and ice to camp on occasion, however crew members are expected to have jugs to maintain an ample water supply at their camp.

### List of Recommended Subsistence Items to Pack:

- Sleeping bag, 3” or thicker mattress, pillow, alarm clock, chair, flashlight/headlamp,
- Tent, ground cloth, tarp, cord/rope-clothes line
- Wash tub(laundry & bath), soap, and water jugs (25 gallons worth, collapsible is good) and water bottles for drinking.
- Cooking/eating utensils/gear- Camp stove, lantern, pots, utensils, etc.
- Cleaning & personal hygiene supplies. Including for dishes and laundry. Solar shower.
- Food box/cooler with your favorite grub.
- Trash/refuse container with lid
- Sturdy, comfortable boots (2 pairs recommended and clothing), gloves, first aid kit (for chain saw wounds), sturdy pants and cool shirts, with good socks and moleskin.
- Plenty of clean socks & underwear, laundry bag
- Swimming attire and a wash tub to do laundry and bathe in Navajo Lake. Note: Separate camps and private bathing is available for ladies.
- If a sawyer chain saws – primary and backup. Chains, bars, tools, supplies, oils, 5 gallon gasoline can, extra spark plugs, filters.
- Shovel, axe, fire extinguisher, camp & work tools.

### Work Production Items to Pack:

- Chain saw – about 37 – 46 CC, with extra chains, sharpening tools, bars, sprocket tip grease (Husqvarna preferred).
- Fuel cans (5 gallon and 1 gallon, 2 cycle oil, bar and chain oil.

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- Plenty of water and lunch, first aid kit
- Fire fighting tools per chain saw: 5# fire extinguisher, a sharpened shovel w/ at least 48” handle, and a sharp 31/2# axe.
- Personal Protective Gear: Chain saw helmet and eye protection, ear protection , and chaps.
- Insurance certificate naming Eco-Systems, Inc. as additional insured and holding Eco-Systems, Inc. harmless.

#### What Eco-Systems Provides:

- Centralized camp gear such as table, outfitter kitchen, propane stove and lantern, 5 gallon water jug for Gatorade/water, 25 gallons of camp water, and 2 large camp coolers.
- Occasional water, ice, propane, white gas, butane.
- Staple grub such as: beans, rice, pasta, water, cereal.
- Occasionally the project manager will cook for the crew) breakfast and dinner. Lunch and plenty of water are always the responsibility of the crew member, and so are most meals. When the project manager is on site (Steve Chafin) he may cook for the crew.

#### **VIII. What must be Performed:**

The trees to be left (leave trees) are marked with yellow and/or blue paint. The rest of the trees from 12” on down get cut down. They must be felled such that the top falls in the direction away from the nearest skid trail. So we can attach a cable to the tree butt to remove it to a processing area.

The procedure is as follows:

1. Felling cull trees (trees NOT marked and 12” dbh or smaller. so butts face a skid road (tops point away).
2. Choke logs with log chokers and attach to a winch cable pulled from the back of a tractor.
3. The tractor operator will winch out logs and take to a centralized landing for processing by the sawyer.
4. Wood processing includes lopping branches (< 3”) and piling slash (lopped tops), bucking logs into firewood piles for removal.
5. Then running slash through a chipper mounted on a tractor.
6. Easy – just requires daily sustained effort.

#### **IX. Location:**

The current project is located in north-western NM with additional projects being lined up in NM, CO, AZ, and UT. See directions above.

#### **X. Substance Abuse Policy:**

Due to the nature of our work, and according to the requirements of our customers, we maintain a drug free work place. Out of respect for one another’s safety, absolutely NO drug abuse will be tolerated on the job or on time off. Random drug testing of employees is to be expected. In addition, excessive/chronic alcohol consumption resulting in poor/unsafe job performance will not be tolerated.

### Rate of Pay for Subcontractors

Our objective is for each sub-contract sawyer to thin from 1 – 1.5 acres per day. In some areas, the rate is faster and in other areas the rate of thinning is slower, but the average is .75 - 1.5 acres per day for a 9-10 hour day. You can refer to the table below to calculate how much money you can make per day based on your productivity level. As you gain experience your rate of acres per day does increase.

Note: We can arrange for a sub-contractor to obtain general liability insurance at the rate of \$500 per year to cover chain saw operation, felling, choking logs, lopping slash and stacking firewood logs. Workers compensation must be obtained locally at additional annual cost.

### Rate of Pay Table – All Activities Listed Must be Done on Each Acre

Rate of pay per Acre	Felling/acre (no damage to leave trees)	Log choking & attach to winch cable (4 logs per trip)	Lop and Pile (or scatter) slash	Pile firewood logs in 3 – 6' lengths	Chip slash into products.	Total per acre
Experienced Sawyer Subcontractor w/ Insurance, Equipment, Transportation	\$95	\$30	\$70	\$40	\$40	\$275
Subcontractor with own Equipment, No Insurance	\$90	\$25	\$60	\$35	\$35	\$245
Subcontractor No Insurance or Equipment.	\$75	\$20	\$50	\$25	\$30	\$200
Employee Sawyer	\$70	\$15	\$45	\$25	\$25	\$185
Employee Laborer				\$10/Hour	\$10/Hour	

### XI. Eco-Systems, Inc. is an Equal Opportunity Employer

### XII. Sub-Contractor Opportunities

Self-insured and equipped Sawyers who have a year or more of experience in thinning operations can earn \$275 per acre or \$400 per day for the team. All work must be inspected and passed by the BLM in order to be payable. Inspections are generally performed each Friday.

A quota of 1 acre per day is expected to be completed by each Sawyer for felling, choking, lopping, and piling slash and firewood, for each acre. As your efficiency improves, the rate of acres per day increases, thus so does pay proportionately.

Subcontractors with insurance and equipment must provide a certificate of insurance (liability and workers comp) to the company, (liability \$1,000,000/accident + \$2,000,000 aggregate – cost

is generally around \$700+/year). Subcontractors must also have good chain saws (Husqvarna preferred), parts and accessories, and have own transportation to and from work sites. Camping on site is permitted, and encouraged. However, the camp sites must be clean, orderly, sanitary, and comfortable with ample facility for meals, hygiene, and sanitation. This is black bear country and all camps must be maintained in a bear proof condition.

Firewood can be taken in lieu of pay. The value of firewood removed per acre is 5 cords per acre valued at \$50 per cord for about \$250 per acre.

Apply: Please send your resume, contact info, references, and availability dates to our project manager Steve Chafin at [stevechafin@gmail.com](mailto:stevechafin@gmail.com) or call hime at 970-779-9020.

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