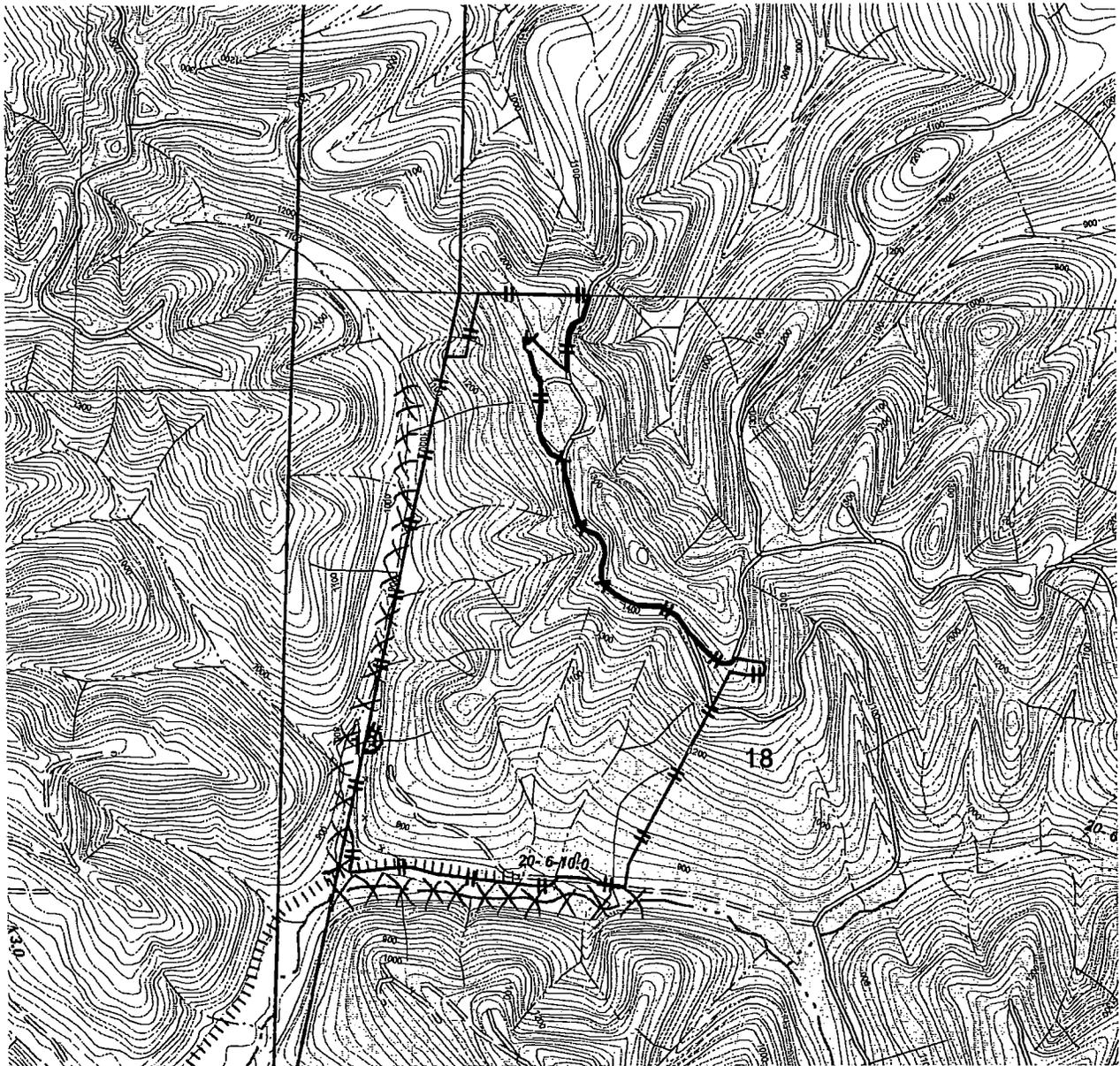




Roseburg Resources Co.: 20S 06W 18

Oregon Map Base - 1:1000 feet - Printed on 1/12/2015 - Map Type 3-0



Aerial Spray / Hand Spray Plan

Applicator: Roseburg Resources Co.

Unit Name Puma Creek

Unit Number 10 Acres 118

Targets: shrubs, grasses, woody Brush

Aerial Appl. Rate: 5 gal/acre Carrier: Water

Hand Appl. Rate: 10 gal/acre Carrier: Water

Chemicals to be used singularly or in combination:

- Atrazine
- Clopyralid
- Glyphosate
- Hexazinone
- Imazapyr
- Metsulfuron Methyl
- Sulfometuron Methyl
- nonionic surfactant

Other: triclopyr ester

triclopyr amine
forestcamp oil

WRITTEN PLAN REQUIRED:

YES NO
addendum

All chemical application rules specified in the Oregon Forest Practices Act will be adhered to. A buffer strip parallel to each fish bearing or domestic stream will be left to protect water from the direct application of chemicals. Protected resources will be reviewed with the applicator prior to application. A Company Forester will be nearby to monitor weather.

Additional Mitigating Measures:

- Hardwoods left by logging within the Riparian Zone will not be targeted by treatment.
- The helicopter used for applying herbicides to Roseburg Resources plantations will be equipped with and may implement a unique half boom shutoff system which can limit the swath width to approximately 25 feet, and will more accurately align the swath edge under the center of the helicopter while reducing drift. This system will be implemented in areas where site and environmental conditions (terrain, weather, RMA width, etc.) dictate the need for additional protection measures.
- Application will comply with all regulations pertaining to seasonal and temporal restrictions around the identified wildlife resource site.
- No hand application will occur within 10' of the aquatic area of the identified stream.

Duane Zentov
Landowner Representative

2/6/15
date

LEGEND

- Treatment Area
- Type F/D Streams XXXXXXXX