

## **Appendix C - Decision Matrix**

Draft Supplemental Environmental Impact Statement  
Frank Church-River of No Return Wilderness Noxious Weed Treatments

**Recommended Treatments Incorporating the Minimum Tool Approach**

WEED SPECIES	MANAGEMENT OBJECTIVE	RIVER CANYONS BELOW HIGH WATER	RIVER CANYONS ABOVE HIGH WATER	DISTANCE FROM STREAMS & LAKES	OCCUPIED CAMPSITES	PLANT \ GROWTH STAGE	SOIL TEXTURE	SOIL MOISTURE
<b>Potential Invaders</b>	Eradicate-FH Control-FH Contain-FH or FB	Sandy Soils:PMO. Gravel Bars:EO, AAO	River Terraces:FH. Toe Slopes:FH	Adjacent to:EO, AAO. Within 50':EO, AAO >50':FH	Within-PMO Near (200')-FPM Distant (200')-FH	Rosette-FH; Preflowering-FH Flowering, Seed Set, & Seed dispersal-EO	Course-EO Medium-EO Fine-FH	Wet-EO Moist-FH Dry-FH
<b>New Invaders</b>								
Dyers Woad	Eradicate-FH Control-FH Contain-FH or FB	Sandy Soils:PMO. Gravel Bars:EO, AAO	River Terraces:FH. Toe Slopes:FH	Adjacent to:EO, AAO. Within 50':EO, AAO >50':FH	Within-PMO Near (200')-FPM Distant (200')-FH	Rosette-FH; Preflowering-FH Flowering- Seed dispersal-EO	Course-EO Medium-EO Fine-FH	Wet-EO Moist-FH Dry-FH
Dalmation Toadflax	Eradicate-FH Control-FH Contain-FH or FB	Sandy Soils:PMO. Gravel Bars:FPM.	River Terraces:FH. Toe Slopes:FH	Adjacent to:FPM. Within 50':EO, AAO >50':FH	Within-PMO Near (200')-FPM Distant (200')-FH	Rosette-FH; Preflowering-FH Flowering- Seed dispersal-EO	Course-EO Medium-EO Fine-FH	Wet-EO Moist-FH Dry-FH
Perennial Peavine	Eradicate-FH Control-EO Contain-FH or FB	Sandy Soils:PMO. Gravel Bars:FPM.	River Terraces:EO. Toe Slopes:FH	Adjacent to:FPM. Within 50':FPM, >50':EO.	Within-PMO Near (200')-FPM Distant (200')-EO	Any stage of growth;EO	Course-FPM Medium-EO Fine-EO	Wet-EO Moist-EO Dry-EO
<b>Established Invaders</b>								
Spotted Knapweed	Eradicate-FH Control-FH Contain-FH or FB	Sandy Soils: PMO. Gravel Bars:EO, AAO	River Terraces:EO. Toe Slopes:FH	Adjacent to:FPM. <50':EO, AAO. >50':FH	Within-PMO Near (200')-FPM Distant (200')-FH	Rosette to Preflowering- FH.Flower- Seed dispersal-EO	Course-EO Medium-EO Fine-FH	Wet-EO Moist-FH Dry-FH
Rush Skeletonweed	Eradicate-FH Control-FH Contain-FH or FB	Sandy Soils:PMO. Gravel Bars:FH, AAO	River Terraces:FH. Toe Slopes:FH	Adjacent to:EO,AAO. <50':EO, AAO. >50':FH	Within-PMO Near (200')-EO Distant (200')-FH	Rosette-FH; Preflowering-FH Flowering- Seed dispersal- FH/EO	Course-EO Medium-FH Fine-FH	Wet-FH Moist-FH Dry-FH
Sulpher Cinquefoil	Eradicate-FH Control-FH or FB. Contain-FH or FB.	Sandy Soils:PMO. Gravel Bars:EO, AAO	River Terraces:FH. Toe Slopes:FH	Adjacent to:FPM. <50':EO, AAO. >50':FH	Within-PMO Near (200')-FPM Distant (200')-FH	Rosette to Preflowering- FH.Flower- Seed dispersal-EO	Course-EO Medium-EO Fine-FH	Wet-EO Moist-FH Dry-FH
Scotch Thistle	Eradicate-FH Control-FH Contain-FH or FB	Sandy Soils:PMO. Gravel Bars:EO, AAO	River Terraces:EO. Toe Slopes:FH	Adjacent to:FPM. <50':EO, AAO. >50':FH	Within-PMO Near (200')-FPM Distant (200')-FH	Rosette to Preflowering- FH.Flower- Seed dispersal-EO	Course-EO Medium-EO Fine-FH	Wet-EO Moist-FH Dry-FH
Mullien	Eradicate-FH Control-EO Contain-EO or FB	Sandy Soils: PMO; Gravel Bars: FPM.	River Terraces:EO. Toe Slopes:FH	Adjacent to:FPM. <50':FPM. >50':FH	Within-PMO Near (200')-FPM Distant (200')-EO	Any stage of growth;EO	Course-FPM Medium-EO Fine-EO	Wet-EO Moist-EO Dry-FH
Canada Thistle	Eradicate-FH Control-FH Contain-FH or FB	Sandy Soils:PMO. GravelBars:EO, AAO.	River Terraces:EO. Toe Slopes:FH	Adjacent to:FPM. <50':EO, AAO. >50':FH	Within-PMO Near (200')-FPM Distant (200')-FH	Rosette to Preflowering- FH.Flower- Seed dispersal-EO	Course-EO Medium-EO Fine-FH	Wet-EO Moist-FH Dry-FH
Common Tansy	Eradicate-EO Control-EO Contain-FH or FB	Sandy Soils:PMO. GravelBars:EO, AAO.	River Terraces:EO. Toe Slopes:FH	Adjacent to:FPM. <50':EO, AAO. >50':FH	Within-PMO Near (200')-FPM Distant (200')-EO	Rosette to Preflowering- EO.Flower- Seed dispersal-EO	Course-FPM Medium-EO Fine-EO	Wet-EO Moist-EO Dry-FH

**Recommended Treatments Incorporating the Minimum Tool Approach (cont.)**

<b>ID</b>	<b>MANAGEMENT OBJECTIVE</b>	<b>RIVER CANYONS BELOW HIGH WATER</b>	<b>RIVER CANYONS ABOVE HIGH WATER</b>	<b>DISTANCE FROM STREAMS &amp; LAKES</b>	<b>OCCUPIED CAMPSITES</b>	<b>PLANT \ GROWTH STAGE</b>	<b>SOIL TEXTURE</b>	<b>SOIL</b>
	Eradicate-FH Control-EO Contain-EO or FB	Sandy Soils:PMO. Gravel Bars:FPM.	River Terraces:EO. Toe Slopes:EO	Adjacent to:FPM. <50':FPM. >50':FH	Within-PMO Near (200')-FPM Distant (200')-EO	Any stage of growth;EO	Course-FPM Medium-EO Fine-EO	
	Eradicate-FH Control-EO Contain-FEOr FB	Sandy Soils:PMO. Gravel Bars:FPM.	River Terraces:EO. Toe Slopes:FH	Adjacent to:FPM. <50':EO, AAO. >50':FH	Within-PMO Near (200')-FPM Distant (200')-EO	Rosette to Preflowering- FH.Flower- Seed dispersal-EO	Course-EO Medium-EO Fine-FH	Wet- Moist Dry-F
	Eradicate-FH Control-FH Contain-EO or FB	Sandy Soils:PMO. Gravel Bars:FPM.	River Terraces:EO. Toe Slopes:FH	Adjacent to:FPM. <50':FPM. >50':FH	Within-PMO Near (200')-FPM Distant (200')-EO	Rosette to Preflowering- FH.Flower- Seed dispersal-EO	Course-FPM Medium-EO Fine-EO	Wet- Moist Dry-F
	Eradicate-FH Control-EO Contain-EO or FB	Sandy Soils:PMO. Gravel	River Terraces:EO. Toe Slopes:EO	Adjacent to:FPM. <50':FPM. >50':FH	Within-PMO Near (200')-FPM Distant (200')- EO	Any stage of growth;EO	Course-FPM Medium-EO Fine-EO	Wet- Moist Dry-F

Key for Table 2-1; PMO=Physical-Mechanical Only. FPM=Favor Physical-Mechanical. FH=Favor Herbicides.AAO=If herbicides used, Aquatic Approve Herbicides Only. FB=Favor Biological Control. EO=Either Physical-Mechanical or Herbicides.