

Vegetation questions 05/13/03

- 1) How often do we mow the entire landfill or sections of it?
 - a) Sub area 1 Two times
 - b) Sub area 2 Two to three times
 - i) Valley Three times
 - c) Sub area 3 Two times
 - d) Sub area 4 Two times
 - i) North slope Three or four
 - e) Sub area 5 Two times
 - f) Sub area 5A Three or four

Robin said that last year we started mowing in February. This year the ground has been too wet. This year Robin mowed a monitoring path mid April and we started mowing north slope of Sub area 4 on May 13.

- 2) Is the gravel area of Sub area 5A ever mowed? No.
- 3) Can we mow around the lupine, rushes and sedges? Yes.
 - a) Therese will identify these plants with staff.
- 4) Can we mow for operational needs only? Yes.
 - a) Around manifolds
 - b) Around wells
 - c) Around vault boxes
 - d) A walking path for monitoring wells
 - e) Critical areas such as rye on north slope in Sub area 4
 - f) Driving paths
 - g) Avoid former test plots (marked out with white steaks in Sub areas 1, 2, & 3)
- 5) Weeds to get rid of before going to seed.
 - a) Common Tansy (Sub area 4, Sub area 5A)
 - b) Knapweed (Sub area 2) *Wear gloves when pulling
- 6) Erosion. Where is it a problem or where has it been a problem? Will get info on this next week.

Other Comments

During Shane's survey of the landfill, he observed that we do have a diversity of plants and wildlife. Our insect population is great. He will get identification on the grass samples he took with him. He would like to come back in about a month to see some of the grasses as they mature. We will hold off on mowing areas that are not necessary to mow for operational needs.

Shane will look into some of the grasses we have such as Ripgut Brome and Cheat which are normally labeled "bad". Are they labeled bad because they are bad for farmers? Bad for grazing cattle? Bad because they are not native? Bad because they are invasive? Are they good for they type of wildlife we have here or would like to encourage here?

Shane will also evaluate weeds on site and prioritize which ones to keep under control. Some of the same questions above apply since we are not farming or ranching.

Smith and Bybee Lakes manages for the following weeds:

Bittersweet nightshade	Solanum dulcamera
Bull thistle	Cirsium vulgare
Canada thistle	Cirsium arvense
Common tansy	Tanacetum vulgare

Common teasel	Dipsacus sylvestris
English holly	Ilex aquifolium
English ivy	Hedera helix
Himalayan blackberry	Rubus discolor
Lactuca species	
Poison hemlock	Conium maculatum
Purple loosestrife	Lythrum salicaria
Reed canarygrass	Phalaris arundinacea
St. John's wort	Hypericum perforatum
Trailing blackberry	Rubus ursinus
Yellow-flag iris	Iris psuedacorus