APPENDIX 1

EXOTIC PLANT SURVEY
HANSEN HORSE TRAIL AND ASSOCIATED CAMPING AREAS
KENAI NATIONAL WILDLIFE REFUGE

Figure 7. Sites re-sampled for exotic vascular plants in August 2006 on the 2004 Glacier Creek Fire.
Exotic vascular plant species observed (14 -17 Aug 2006)

<table>
<thead>
<tr>
<th>Code</th>
<th>Scientific Name</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALGE2</td>
<td>Alopecurus pratensis</td>
<td>Meadow foxtail</td>
</tr>
<tr>
<td>CABU2</td>
<td>Capsella bursa-pastoris</td>
<td>Shepherd's purse</td>
</tr>
<tr>
<td>LUPO2</td>
<td>Lupinus polyphyllus</td>
<td>Bigleaf lupine</td>
</tr>
<tr>
<td>MAD16</td>
<td>Matricaria discoidea</td>
<td>Pineapple weed</td>
</tr>
<tr>
<td>PHPR3</td>
<td>Phleum pretense</td>
<td>Timothy</td>
</tr>
<tr>
<td>PLMA2</td>
<td>Plantago major</td>
<td>Common plantain</td>
</tr>
<tr>
<td>POAN</td>
<td>Poa annua</td>
<td>Annual bluegrass</td>
</tr>
<tr>
<td>STME2</td>
<td>Stellaria media</td>
<td>Common chickweed</td>
</tr>
<tr>
<td>TRRE3</td>
<td>Trifolium repens</td>
<td>White clover</td>
</tr>
</tbody>
</table>

MADI6, PHPR3, LUPO2, and PLMA2 were observed along the first 2 miles of the Hansen Horse Trail between the trailhead and the first bridge.

1. Picnic spot  (N 60.41261, W 150.72031)
Open meadow area (5 miles from trailhead). Meadow area is ~ 20m x 40m. There is evidence of horses having been tethered to trees, some trampling, but doesn’t look like there’s much sign of campfires or overnight use. Species present include PHPR3 (sparse), LUPO2, and PLMA2 on the trail through meadow.

![Figure 1. Open meadow at the Picnic Spot.](image1)

![Figure 2. Phleum pretense (Timothy) at the Picnic Spot.](image2)
2. Funny River Camp I (also called Halfway Camp) N 60.35484, W 150.69901
Very well used site, trampled 10m x 15m centralized area with fire ring and cut logs. Social
trails lead out from campsite and end in large trampled areas (tent sites or where the horses
have been tied). Doesn’t seem like the plants listed below have established much outside the
disturbed area: STME2 carpet in main campsite, MADi6, PLMA2 widespread throughout area,
TRRE3 (trace), CABU2 (trace), and PHPR3 outside main campsite.

3. Funny River Camp II (N 60.35562, W 150.69753)
Across the river is a large open meadow area (20x70m) that leads to a campsite (10x15m). This
isn’t as well used as the last site. Species present include PHPR3 throughout the area, ALPR3
(trace), and POAN.
4. **Camp III** (N 60.30522, W 150.63208)
Open meadow area. This spot is not nearly as established as the Funny River camps; doesn’t look like this area is used much. There’s some trampling but is hard to find a good tent spot, no fire ring. The trail goes right through the meadow (20m x 80m). Overall this spot doesn’t seem very impacted by non-natives (PHPR3 is seen mostly along the trail through the meadow, and PLMA2 (few)).

![Figure 7. Open meadow at Camp III.](image1).  
![Figure 8. Camping area at Camp III.](image2).
5. High Camp (N 60.25870, W 150.57373)

This camp is roughly 15m x 40m. It is on the toe of the Tustumena Bench in an open flat area surrounded by willow. Great views! A lot of this area has been grazed recently so identifying all the grasses could be difficult. PHPR3 is the predominant grass; also PLMA2.

Figure 9. Timothy growing at High Camp.
Figure 10. Tents at High Camp.
Figure 11. View from High Camp on Tustumena Benchlands.