E ho’omau i nā moku koa o Maui

Update to the Hawaiian Homes Commission on the Kahikinui Forest Restoration Project
Kahikinui Region

22,860 acres
(72% of island)

75 kuleana pastoral leases
(5% of Maui Leases;
100% of Maui Pastoral Leases)
Kahikinui Regional Plan
Priority Projects

• Natural Resource Management - following 1995 Kahikinui Community Management Conceptual Plan

• New Stewardship Economy for Kahikinui - natural resource management, cultural educational programs, ecotourism

• Homestead Facilitation Program – to encourage settlement

• Improve and Develop Roadway Network – for settlement of lessees, community growth, fire breaks and fire response, resource management/restoration work.
<table>
<thead>
<tr>
<th>LANDOWNER</th>
<th>Existing Native Forest (acres)</th>
<th>Percent of Existing Native Forest</th>
<th>Existing Koa Forest (acres)</th>
<th>Percent of Existing Koa Forest</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHHL</td>
<td>2,300</td>
<td>64.6%</td>
<td>1,900</td>
<td>68.8%</td>
</tr>
<tr>
<td>State of Hawai‘i DOFAW</td>
<td>1,250</td>
<td>35.1%</td>
<td>850</td>
<td>30.8%</td>
</tr>
<tr>
<td>Federal lands (Haleakalā NP)</td>
<td>10</td>
<td>0.3%</td>
<td>10</td>
<td>0.4%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>3,560</strong></td>
<td><strong>100%</strong></td>
<td><strong>2,760</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
Leeward Haleakalā Watershed Restoration Partnership
Watershed forest protection at DHHL - Kahikinui
MEMORANDUM OF UNDERSTANDING

June 2, 2003

Parties:
• State: DHHL, DLNR/DOFAW,
• Federal: Haleakalā National Park, U.S. Geological Survey

Agreed to:
• Form the Leeward Haleakalā Watershed Restoration Partnership (LHWRP)
• Participate in cooperative management activities of native watershed forests of leeward Haleakalā, Maui
Working together to restore the native watershed forests from Makawao to Kaupō for perpetuation of ecological, cultural, water, and economic resources.
Leeward Haleakalā Watershed Restoration Partnership
Challenge to watershed forest restoration: feral ungulates – cattle, goats, pigs, deer
Kahikinui ungulate management planning

at minimum...988 (389) cows, 1324 (931) goats, 449 (131) deer, 123 pigs (89)
Meat salvage program with KIA Hawai’i
Timeline for Ungulate Removal

1. Complete final 3.5 mile leg of fence any needed repairs to stop ingress
2. Within 6-8 months remove all large, aggressive, problematic bulls from both the interior and exterior of the fence. Removal will start as soon as funding is available to do so.
3. Within 12 months remove all cattle and deer from the interior of the fence.
4. Within 16-18 months remove all ungulates from the interior of the fence
5. Within 24-30 months remove and or relocate all cattle on the exterior of the fence to the communities desired density and locations, TBD.
Wild Meat Salvage Program

• Meat will be harvested pending available funding, safe operational conditions for staff to remove the ungulates, and food safety considerations such as the health of the ungulates

• Priority for harvest will go in the following order:
  – Funding for the ungulate management costs
  – Distribution of meat to Kahikinui and other Maui DHHL communities
  – Distribution to DHHL communities outside of Maui
  – Foodbanks, homeless shelters, low-income communities
Next Steps

• One-year ROE request for KIA Hawai‘i
• Future internal fence
• Install Restoration Infrastructure – helicopter landing zones, water catchment, base camps, native plant nursery
• Secure funding for seed collection, outplanting, invasive species control, fire management, outreach, and monitoring
• Meanwhile...
Priority invasive species control
New technologies- rappelling, drones and HBT
Wildfire preparedness and prevention
Fire and storm effects at Kahikinui
Erosion mitigation
Expanding native seed collection and storage capacity
Creating regional seed farms and on-site nursery
Fog drip capture with Dr. Jim Juvik
MAHALO

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LHWRP Restoration Specialist