

Worksheet

Documentation of Land Use Plan Conformance and NEPA Adequacy (DNA)

U.S. Department of the Interior
Bureau of Land Management (BLM)

(OR090 -DNA-07-07)

A. Description of the Proposed Action

The Proposed Action is to continue implementing maintenance treatments under the *West Eugene Wetland (WEW) Schedule Environmental Assessment (EA)* in Eugene, Oregon. The purpose of this project is to maintain or enhance the amount of high, medium, and low quality habitats located on BLM's prairies found in the wetland's project area. The scheduled work will be managed under the following five project actions: 1) control woody vegetation encroachment, 2) control invasive species, 3) reduce litter/thatch build up, 4) maintain native plant species diversity, and 5) maintain habitat for western pond turtles. BLM will treat approximately 500 acres in the high, medium, and low habitat categories for 2007. Actions specifically required by the City or County ordinance such as mowing and vegetation abatement would also occur under this project. The planning area is defined as those lands within the WEW Project which are owned by the BLM. All land within the planning area lies in the Long Tom River Basin. Project actions shall be accomplished through the use of a suite of treatment techniques listed in the WEW EA & attached to this document (Table 1). The majority of the treatment techniques will be implemented annually between June and December through 2017. A second table (Table 2) is attached that provides sites specific locations of implement treatments for 2007.

Background

The West Eugene Wetlands (WEW) Project is a cooperative venture by the Bureau of Land Management (BLM), Eugene District, to protect and restore wetland ecosystems in the southern Willamette Valley of Oregon. This unique program involves a partnership of federal, state, and local agencies and organizations to manage lands and resources in an urban area for multiple public benefits. The BLM and the City of Eugene shall work cooperatively to implement this schedule of work under this long term WEW Schedule EA which will begin this year, 2007.

B. Conformance with the Land Use Plan (LUP) and Consistency with Related Subordinate Implementation Plans

LUP Name* Eugene District Record of Decision and Resource Management Plan (RMP)

June 1995, as amended. Date Approved

Other documents – West Eugene Wetland Plan 1993, 2000, WEW Recreation, Access, and Environmental Education Plan (2001)

The BLM, Eugene District, adopted the WEWP as the land management plan for those BLM lands within the WEW Project on March 23, 1993. This plan was revised, and BLM adopted the revised WEWP (City of Eugene, 2000) on September 17, 2001. For actions within the WEW,

the alternatives are consistent with the adopted plan. For actions within the Long Tom Area ACEC, the alternatives are in conformance with the BLM, Eugene District RMP, ROD (1995) as amended.

C. Identify the applicable NEPA document(s) and other related documents that cover the proposed action.

List by name and date all applicable NEPA documents that cover the proposed action.

- *West Eugene Wetland Schedule Environmental Assessment (WEW EA) October 2005.*

List by name and date other documentation relevant to the proposed action (e.g., source drinking water assessments, biological assessment, biological opinion, watershed assessment, allotment evaluation, rangeland health standard's assessment and determinations, and monitoring the report).

- Biological Opinion and Letter of Concurrence on Effects of Implementation of the Ten-year schedule of Management Activities to Maintain, Enhance and Expand Prairie Habitats within West Eugene Wetlands (Dec. 2005)
- Biological Opinion and Letter of Concurrence for Reinitiation of Informal Consultation on the (Ten Year) Schedule of Management Activities within the WEW to Address the Potential Effects to Designated Critical Habitat (2007).

D. NEPA Adequacy Criteria

1. Is the current proposed action substantially the same action (or is a part of that action) as previously analyzed?

Yes - The Proposed Action is part of the proposed actions previously analyzed for the *West Eugene Wetland Schedule Environmental Assessment (October, 2005)*. This WEW EA analyzed the effects of potential issues summarized in the WEW Schedule EA on page 4 -5.

2. Is the range of alternatives analyzed in the existing NEPA document(s) appropriate with respect to the current proposed action, given current environmental concerns, interests, resource values, and circumstances?

Yes – The *West Eugene Wetland Schedule Environmental Assessment (October, 2005)* analyzed an appropriate range of alternatives given the purpose and need for the project. Four alternative were analyzed, Alternative A (No action), Alternative B (minimal maintenance), Alternative C (Selected Rare species Habitat Maintenance, Enhancement, and Expansion) and Alternative D (Habitat type Maintenance, Enhancement, and Expansion). Alternative D was selected to be implemented for the next 10 years.

3. Is the existing analysis adequate and are the conclusions adequate in light of any new information or circumstances.

Yes – These findings are consistent with effects analysis in previous environmental assessments. In 2006, the US Fish & Wildlife Service published its final rule designating Critical Habitat for Fender's blue butterfly, Kincaid's lupine, and Willamette daisy. The final rule delineated a total of 3,720 acres of critical habitat for these species within the WEW project area. BLM reinitiated consultation for BLM's West Eugene Wetlands Schedule EA in order to analyze management activities that may affect 491 acres of designated critical habitat. The USFWS Service responded to BLM with a Letter of Concurrence and Biological Opinion (2007) covering the actions to maintain, enhance and expand prairie habitat in the WEW. These findings are consistent with effects analysis in previous environmental assessments and with Biological Opinions listed in Section C. Resource conditions have not changed in any way that would invalidate the analyses and the conclusions.

4. Do the methodology and analytical approach used in the existing NEPA document(s) continue to be appropriate for the current proposed action?

Yes – Ongoing research and annual monitoring in the wetlands units and in the Willamette Valley support the proposed action, as an appropriate method for the maintenance, enhancement & expansion of prairie ecosystems similar to those in the proposed project area.

5. Are the direct and indirect impacts of the current proposed action substantially unchanged from those identified in the existing NEPA document(s)? Does the existing NEPA document sufficiently analyze site-specific impacts related to the current proposed action?

Yes – Direct and indirect impacts from the use of treatment techniques listed on page 57 to maintain, enhance and expand prairies would remain the same identified in the WEW Schedule EA. This WEW EA does analyze site specific impacts related to the current proposed action as well as provides "Design features by Resources" see Appendix C for more details in the WEW Schedule EA.

6. Can you conclude without additional analysis or information that the cumulative impacts that would result from implementation of the current proposed action are substantially unchanged from those analyzed in the existing NEPA document(s)?

Yes – The current action is unchanged from those analyzed in the existing WEW Schedule EA document for the project area. No cumulative impacts (beyond those already described in WEW Schedule EA) are anticipated from the implementation of proposed action on the project area. The WEW Schedule EA was completed in Oct. 2005 and BLM is scheduled to annually implement this EA between June and December through 2017.

7. Are the public involvement and interagency review associated with existing NEPA? document(s) adequately for the current proposed action?

Yes, Availability of the WEW Schedule EA and the project decision was advertised in the Eugene Register Guard; sent to interested persons on our EA mailing lists, and consulted with the USFW Service in 2005.

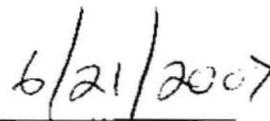
E. Interdisciplinary Analysis: Identify those team members conducting or participating in the preparation of this worksheet.

| <u>Name</u> | <u>Title</u> |
|------------------------|-----------------------------|
| Sally Villegas - Moore | Natural Resource Specialist |
| Nancy Sawtelle | Senior Botanist Specialist |
| Rick Colvin | Landscape Planner |

Reviewed by:



NEPA Coordinator



Date

CONCLUSION

Based on the review documented above, I conclude that this proposal conforms to the applicable land use plan and that the existing NEPA documentation fully covers the proposed action and constitutes BLM's compliance with the requirements of NEPA.

Note: If one or more of the criteria are not met, a conclusion of conformance and/or NEPA adequacy cannot be made and this box cannot be checked



Signature of the Responsible Official

7/9/07
Date

Decision Record

I have reviewed this Documentation of Land Use Plan Conformance and NEPA Adequacy (OR090-DNA-07-07) and have determined that the proposed action is in conformance with the approved land use plan (Eugene Record of Decision and Resource Management Plan, June 1995, as amended). On the basis of the information contained in the DNA Worksheet and the existing NEPA document it references, and all other information available to me, it is my determination that implementation of the proposed action will not have significant environmental impacts beyond those already addressed in the environmental analysis (WEW Schedule EA 05-03).

The BLM has made the determination that proposed action is required to maintain, enhance, and expand the amount of high, medium, and low quality habitats located on BLM's prairies. Therefore, it is my decision to implement the project as described in the DNA Worksheet.

Authorized Official: _____

William Hatton, Field Manager, Siuslaw Resource Area

Date: 7-9-07

Table 1 – Actions and Treatment Techniques

| Treatment Techniques | Selected Rare Species Habitat Maintenance, Enhancement, and Expansion Actions – Alternative D | | | | |
|--|---|--------------------------|-----------------------|----------------------------|--|
| | Action 1 | Action 2 | Action 3 | Action 4 | Action 5 |
| | Control woody vegetation encroachment | Invasive species removal | Reduce Thatch Buildup | Enhance native plant cover | Improve/maintain nesting/rearing habitat for WPT |
| Carbon addition * | | | | X | |
| Chainsaws/Thinning | X | | | | X |
| Biosolids treatments * | | X | | X | |
| Fill removal * | | | | X | X |
| Girdling trees | X | | | | X |
| Grind tree stumps | X | X | | | |
| Grubbing | X | X | | | X |
| Hand pulling tools (Hoeing and Clipping) | X | X | | | X |
| Livestock grazing (particularly sheep or goats)* | X | X | | | |
| Mowing | X | X | X | X | |
| Mycorrhizae addition * | | X | | X | |
| Planting propagules | | X | | X | X |
| Prescribed burning | X | X | X | X | X |
| Raking | | | X | | |
| Shade cloth | | X | | | X |
| Sod rolling * | | X | | | X |
| Solarization* | | X | | | X |
| Spot tilling * | | X | | | X |
| Thermal (flame weeder, hot foam, propane) * | X | X | | | X |
| Tilling * | | X | | X | |
| Weed whacking | X | X | | | X |
| Western Pond Turtle | | | | | |
| Planting of aquatic vegetation | | | | | X |
| Create/improve upland soil mounds for nesting | | | | | X |
| Remove vegetative barriers to movement | | | | | X |
| Create permanent ponds | | | | | X |
| Coarse wood and boulder placement in ponds | | | | | X |

* These treatment techniques will not be applied within Federally-listed T&E plant populations when the treatment could result in adverse affects to populations of T&E species.

Table 2- 2007 BLM Maintenance Projects

| Project Site | Action | Task Description | Priority | Unit of measure |
|-------------------|---------------------|---|----------|-----------------|
| atlantic/ Pacific | Mow | PHAR | low | Acres |
| atlantic/ Pacific | Mow | Road Margins | low | Acres |
| atlantic/ Pacific | Mow | RUAR under maple where HERLAN is growing | low | Acres |
| atlantic/ Pacific | Mow | RUAR under maple and PHAR in NE | low | Acres |
| atlantic/ Pacific | Remove | Fill piles in center of site | low | Acres |
| atlantic/ Pacific | Weed | CYSC at W end of site near Atlantic Ave. | low | Acres |
| atlantic/ Pacific | Weed | CYSC at W end of site near Atlantic Ave. | low | Acres |
| atlantic/ Pacific | Weed | DIFU at W end of site near Atlantic Ave. | low | Acres |
| atlantic/ Pacific | Weed | DIFU at W end of site near Atlantic Ave. | low | Acres |
| atlantic/ Pacific | Weed | CYSC around man hole & along slope | low | Acres |
| atlantic/ Pacific | Weedeat | RUAR on corner of Atlantic and Pacific; around electrical box and fence | low | Acres |
| alboa | Cut | Invasive tree removal in rare plant areas | high | Acres |
| alboa | Cut | Invasive tree removal in rare plant areas | high | Acres |
| alboa | Flag | Identify female ash and non-native trees for removal | low | acres |
| alboa | Evaluate | Trail Maintenance- thermal treatment | low | In. ft. |
| alboa | Haul | Brush left along trail edges throughout site | high | |
| alboa | Inspect/repair | bridges, overlooks & platforms | high | Acres |
| alboa | Mow | woodies on prairie (every 2-3 yrs) | high | Acres |
| alboa | Mow | bike path margins | high | Acres |
| alboa | Mow | RUAR, DIFU, PHAR control N end of property | high | Acres |
| alboa | Mow | RUAR along gravel trail | med | Acres |
| alboa | Mow | RUAR, DIFU, PHAR control W end of property | med | Acres |
| alboa | Shade | PHAR/PHAQ shading; | med | Acres |
| alboa | Shade | PHAR/PHAQ shading; | med | Acres |
| alboa | Till/Disk/Sod roll? | PHAR/PHAQ on W and N ends | | Acres |
| alboa | Pull | CYSC in NW & NE corners | high | Acres |
| alboa | Pull | CYSC in NW & NE corners | high | Acres |
| alboa | Pull | CYSC scattered throughout, except near rare plants | high | Acres |
| alboa | Pull | CYSC in prairie near rare plants | high | Acres |
| alboa | Pull | Cottonwood seedlings at east end near rare plants | high | Acres |
| alboa | Weed | DIFU clipping | high | Acres |
| alboa | Weed | DIFU clipping | high | Acres |

| | | | | |
|-------------------|----------------|--|--------|---------|
| lalboa | Weed | RUAR, ROMU along bike path & gravel trail | med | In. ft. |
| lalboa | Weed | RUAR, ROMU along bike path & gravel trail | med | In. ft. |
| lalboa | Weedeat | Weedeat rare plant areas | high | Acres |
| lalboa | Weedeat | trail margins | med | Acres |
| leaver Run | Disk? | around mitigation site | Future | Acres |
| leaver Run | Enhance | Turtle nesting area by cutting woodies on south facing slope | high | Acres |
| leaver Run | Mow | Restoration (every other year) | high | Acres |
| leaver Run | Mow | woodies in prairie | low | Acres |
| leaver Run | Sod rolling? | large patches of PHAR | Future | Acres |
| leaver Run | Weed | CYSC - scattered amg willows & prairie | low | Acres |
| Janebo- Red House | Clean-up | Barn/storage area | med | |
| Janebo- Red House | Inspect/repair | bridges & boardwalk | high | Acres |
| Janebo- Red House | Notify | Red House staff regarding any work to be done on property | high | |
| Janebo- Red House | Mow | Margins around house, yurt & orchard | high | Acres |
| Janebo- Red House | Haul | Recyclables from fenced area at Red House as needed | low | |
| Janebo- Red House | Weedeat | PHAR in SE corner; PHAQ along boardwalk | high | Acres |
| ir Butte | Burn | plots (Sally will provide map) | | Acres |
| ir Butte | GPS | GPS new shade cloth | high | Acres |
| ir Butte | Monitor | CEPR throughout site | high | Acres |
| ir Butte | Mow | Fire Breaks | | Acres |
| ir Butte | Mow | Lupine Plots | high | Acres |
| ir Butte | Mow | Lupine plots to be burned, if burning doesn't occur | | Acres |
| ir Butte | Mow | RUAR at S end | high | Acres |
| ir Butte | Mow | RUAR & woodies in prairie & around plots | high | Acres |
| ir Butte | Pull | CYSC at N end | high | Acres |
| ir Butte | Remove | 04/05 shade cloth at N end | Future | Acres |
| ir Butte | Remove | 04/05 shade cloth at N end | Future | Acres |
| ir Butte | Repair | Shade cloth over lupine plots | high | Acres |
| ir Butte | Seed | where shade cloth removed | Future | Acres |
| ir Butte | Shade | CEPR at N end, S end and around E small shade cloth patch | high | Acres |
| ir Butte | Shade | CEPR at N end, S end and around E small shade cloth patch | high | Acres |
| ir Butte | Weed | RUAR along fenceline and around shade cloth | high | Acres |
| ansen (See-sil) | Mow | Access road | high | Acres |
| ansen (See-sil) | Mow | Trail | high | Acres |
| ansen (See-sil) | Mow | SE pasture mowing RUAR, SEJA, CIVU | low | Acres |
| ansen (See-sil) | Mow | RUAR at various meadow margins | med | Acres |
| ansen (See-sil) | Mow | RUAR control in oak woodland | med | Acres |
| ansen (See-sil) | Remove | 04/05 shade cloth | high | Acres |
| ansen (See-sil) | Seed | 04/05 shade cloth areas | high | Acres |
| ansen (See-sil) | Shade | PHAR shading at N end & central W | high | Acres |
| ansen (See-sil) | Weed | RUAR & CIAV in lupine plot | high | Acres |
| ansen (See-sil) | Weed | CYSC control | med | Acres |
| ansen (See-sil) | Weed | HEHE at N end of loop trail | med | Acres |
| sabelle | Mow | road margins | high | Acres |

| | | | | |
|-----------------|--------------|---|--------|-------|
| sabelle | Mow | upland LUSUKI area and fenceline along Isabelle St. | high | Acres |
| sabelle | Remove | Old post and barb wire fencing rolled up at S end of site | med | |
| sabelle | Weed | CYSC in prairie and along N fenceline | low | Acres |
| sabelle | Weedeat | RUAR & other woodies along W fenceline, at end of Isabelle St. & patch at S end | med | Acres |
| sabelle | Weed | woodies on N fenceline along upland mound | | Acres |
| ong Tom ACEC | Burn | prairie | | |
| ong Tom ACEC | Evaluate | removal of small diameter oak trees in rare plant area | high | Acres |
| ong Tom ACEC | Weed | Ash sucker and spirea in rare plant macroplots | high | Acres |
| ong Tom ACEC | Weed | Ash sucker and spirea in rare plant macroplots | high | Acres |
| leilsen | Mow | PHAR and RUAR control | med | Acres |
| leilsen | Mow | Access road | med | Acres |
| lorth Greenhill | Burn | Burn Phase I & rare plant area in ash grove | high | Acres |
| lorth Greenhill | Mow | Ash grove and rare plant plots | high | Acres |
| lorth Greenhill | Mow | Fire breaks in ash grove | high | Acres |
| lorth Greenhill | Mow | Firebreak / RUAR mowing- W. edge treeline | high | Acres |
| lorth Greenhill | Mow | Phase III, if not burned | high | Acres |
| lorth Greenhill | Seed | Burned areas | | Acres |
| lorth Greenhill | Shade | PHAR shading in ash grove | Future | Acres |
| lorth Greenhill | Shade | PHAR shading in ash grove | Future | Acres |
| lorth Greenhill | Weed | FRLA sucker & HYPE in ash grove | high | Acres |
| lorth Greenhill | Weed | FRLA sucker & HYPE in ash grove | high | Acres |
| ak Hill | Assess | removal of PRAV trees | Future | |
| ak Hill | GPS | new shade cloth | low | Acres |
| ak Hill | Mow | access roads; RUAR control throughout site | high | Acres |
| ak Hill | Remove | brush/fill piles overgrown with blackberries | | Acres |
| ak Hill | Repair | Shade cloth over VIMA and CIAR | low | Acres |
| ak Hill | Shade | VIMA on edges of old shade cloth | low | Acres |
| ak Hill | Weed | RUAR, CIAR, CIVU, HEHE | low | Acres |
| ak Hill | Weed | RUAR, CIAR, CIVU, HEHE | low | Acres |
| ak Hill | Weed | CYSC throughout | low | Acres |
| ak Hill | Weed | CYSC throughout | low | Acres |
| xbow East | Mow | DIFU, RUAR, and other weeds in prairie | high | Acres |
| xbow East | Mow | PHAR, RUAR control around pond, near RR tracks & on pot. turtle nesting area | high | Acres |
| xbow East | Collect seed | <i>Asclepias fascicularis</i> in NW portion of site | high | Acres |
| xbow East | Pull/cut | ash trees and other woodies in NW milkweed area | high | Acres |
| xbow East | Pull/cut | ash trees and other woodies in NW milkweed area | high | Acres |
| xbow East | Pull | CYSC along railroad tracks & around pond | high | Acres |
| xbow West | Burn | prairie & plots | high | Acres |
| xbow West | Cobble | Place cobble in the area of head cutting along the small channel flowing into Dead Cow Creek | low | |
| xbow West | Dig | RUAR crown removal along bike path edge to powerlines | low | Acres |
| xbow West | Mow | lupine area and prairie in panhandle | high | Acres |
| xbow West | Mow | Plots in central prairie | high | Acres |
| xbow West | Plant | Consider enhancing upland prairie areas on the panhandle for Fender's blue butterfly habitat. | Future | |

| | | | | |
|------------------------|--------------|--|--------|-------|
| Debow West | Plant | Native trees/shrubs to the W edge of the forested wetland areas adjacent to the restoration in the panhandle | Future | |
| Debow West | Remove | Consider removing fill piles on the west side of Dead Cow Creek in conjunction with wetland enhancement or maintenance on the Vinci property | Future | |
| Debow West | Repair | '05 shade cloth | low | Acres |
| Debow West | Shade | PHAR in panhandle | low | Acres |
| Debow West | Weed | Remove DIFU, RUAR and woodies in NW rare plant areas | high | Acres |
| Debow West | Weed | Remove DIFU, RUAR and woodies in NW rare plant areas | high | Acres |
| Debow West | Weed | CYSC in panhandle | low | Acres |
| Debow West | Weed | CYSC in panhandle | low | Acres |
| Debow West | Weed | CYSC along N fenceline | low | Acres |
| Debow West | Weed | Remove DIFU, RUAR and woodies in the panhandle (incl. forested wetland) | low | Acres |
| Debow West | Weed | Remove DIFU, RUAR and woodies in the panhandle (incl. forested wetland) | low | Acres |
| Debow West | Weedeat | Remove woodies and weeds on the fill piles adjacent to Dead Cow Creek. | low | Acres |
| Debow | Weed | CYSC scattered throughout | high | Acres |
| Debow | Mow | RUAR along W fenceline | med | Acres |
| Debow | Weed | woodies, PHAR in rare plant areas | high | Acres |
| Debow | Weedeat | along post and cable fenceline | med | Acres |
| Spectrophysics Central | Mow | PHAR, DIFU control along levee banks | low | Acres |
| Spectrophysics Central | Sod rolling? | PHAR, PHAQ in prairie | Future | Acres |
| Spectrophysics N | Mow | DIFU, RUAR, PHAQ & woody control N of channel | med | Acres |
| Spectrophysics N | Pull/weedeat | HYPE, FRLA & woodies in turtle nesting area (along west facing slope at west end by channels) | high | Acres |
| Spectrophysics S | Re-flag | Rare plants | high | Acres |
| Spectrophysics S | Remove | Fir trees in SW corner and at N end of S prairie | med | Acres |
| Spectrophysics S | Weed | CYSC pulling in S. remnant prairie | high | Acres |
| Spectrophysics S | Weed | CYSC pulling in S. remnant prairie | high | Kft2 |
| Spectrophysics S | Weed | CYSC pulling in S. remnant prairie | high | Kft2 |
| Speedway | Flag | rare plants at N end | high | Acres |
| Speedway | Mow | Firebreaks on SW edges | high | Acres |
| Speedway | Mow | south prairie | high | Acres |
| Speedway | Mow | rare plant area at N end | high | Acres |
| Speedway | Mow | RUAR at N end of track, along slope | high | Acres |
| Speedway | Pull | large CYSC at N end of track | high | Acres |
| Speedway | Weed | CYSC scattered in N prairie | high | Acres |
| Speedway | Weed | CYSC along E fenceline by rare plants | high | Acres |
| Speedway | Pull | Ash seedlings in south end of site | med | Acres |
| Speedway | Pull | Ash seedlings in south end of site | med | Acres |
| Speedway | Pull | Ash seedlings in south end of site | med | Acres |
| Speedway | Weedeat | RUAR along E fenceline by rare plants | high | Acres |
| Stewart Pond | Assess | PRAV trees to remove in future | low | trees |
| Stewart Pond | Cut | PRAV & ACMA trees in upland | | trees |

| | | | | |
|---------------------------|----------------|--|--------|---------|
| Stewart Pond | Dig | RUAR root crowns among oak seedlings in upland | med | Acres |
| Stewart Pond | Disk | Teal Slough | high | Acres |
| Stewart Pond | Disk | Disk 1/3 of pond each year | med | Acres |
| Stewart Pond | Evaluate | Seedling oak density in upland | high | Acres |
| Stewart Pond | Evaluate | Weedy mound at north end of Stewart Pond | med | Acres |
| Stewart Pond | Grind | Stumps in upland to allow mowing around trees | high | Acres |
| Stewart Pond | Inspect/repair | main overlook & bridge in ash grove | high | Acres |
| Stewart Pond | Mow | fencelines, firebreaks, and trail | high | Acres |
| Stewart Pond | Mow | PHAR, RUAR control in ash forest, N prairie, upland prairie and around Grimes pond | high | Acres |
| Stewart Pond | Mow | road margins | high | Acres |
| Stewart Pond | Mow | RUAR, DIFU, CIAR, PHAR in prairie | high | Acres |
| Stewart Pond | Remove | concrete slabs near Angel Flight Asphalt property | med | Kft2 |
| Stewart Pond | Remove | Brush around Grimes Pond to reduce illegal activities | med | Kft2 |
| Stewart Pond | Remove | Brush around Grimes Pond to reduce illegal activities | med | Kft2 |
| Stewart Pond | Remove | shade cloth in lower portion of upland prairie | med | Acres |
| Stewart Pond | Repair | shade cloth on VIMA in upland | med | Acres |
| Stewart Pond | Shade | VIMA under maples in upland | med | Acres |
| Stewart Pond | Shade | VIMA under maples in upland | med | Kft2 |
| Stewart Pond | Shade | PHAR east of swale and by cottonwood | med | Acres |
| Stewart Pond | Shade | PHAR east of swale and by cottonwoods | med | Kft2 |
| Stewart Pond | Sod rolling? | PHAR around Grimes Pond | Future | Acres |
| Stewart Pond | Weed | CYSC control in upland area & SE entrance off Bailey Hill | med | Acres |
| Stewart Pond | Weed | BRSY control around solarized area in central portion of site | high | Acres |
| Stewart Pond | Weed | Hand pull HEHE by trail to upland off of Stewart Road; also under large oak/maple cluster down hill to north | med | Acres |
| Stewart Pond | Weed | Small cherry trees, hawthorn and other woodies in upland | med | Acres |
| Stewart Pond | Weed | RUAR w/in 2' radius around oak seedlings in upland | med | Acres |
| Stewart Pond | Weed | RUAR among oak seedlings in upland | high | Acres |
| Stewart Pond | Weed | RUAR around trees in upland maple forests and along Stewart Rd | med | Acres |
| Stewart Pond N | Mow | PHAR, RUAR control on entire site | low | Acres |
| Stewart Pond N | Remove | fill piles to control spread of PHAQ | | Acres |
| Stewart Pond S | Evaluate | Work to be done at this property S of Stewart Road | low | Acres |
| Summer Oaks | Mow | along waterways for DIFU control | low | Acres |
| Summer Oaks | Mow | 50' Firebreak on E side along Weyerhauser property | low | Acres |
| Summer Oaks | Repair | Fence at end of Terry St. to prevent vehicular access | low | |
| Swallow Pond (E. Gateway) | Flame | Trail Maintenance- thermal treatment | low | Ln. Ft. |
| Swallow Pond (E. Gateway) | Inspect/repair | overlooks & platforms | med | Acres |
| Swallow Pond (E. Gateway) | Mow | RUAR on forest edges, PHAR/PHAQ control in prairie | low | Acres |
| Swallow Pond (E. Gateway) | Mow | woodies in prairie | low | Acres |
| Swallow Pond (E. Gateway) | Mow | Road Margins | med | Acres |
| Swallow Pond (E. Gateway) | Shade | PHAR and PHAQ shading | low | Acres |

| | | | | |
|---------------------------|----------|---|------|---------|
| Swallow Pond (E. Gateway) | Shade | PHAR and PHAQ shading | low | Acres |
| Swallow Pond (E. Gateway) | Trail | Trail Maintenance-tree trimming | low | P. ft. |
| Swallow Pond (E. Gateway) | Weed | CIVU, CIAR, DIFU in W portion of site | low | Acres |
| Swallow Pond (E. Gateway) | Weed | CIVU, CIAR, DIFU in W portion of site | low | Acres |
| aylor N. | Map | Weed populations | med | |
| aylor N. | Acquire | Seed collection map to avoid mowing collection areas | med | |
| aylor N. | Mow | CIAR in forested areas (SE) | high | Acres |
| aylor N. | Mow | CIAR, woodies in N part of wet prairie | high | Acres |
| aylor N. | Mow | Access road | med | Acres |
| aylor N. | Weed | CIVU, CIAR control | high | Acres |
| aylor S. | Evaluate | Haying or using sheep in central portion of prairie | | |
| aylor S. | Map | Weed populations | med | |
| aylor S. | Mow | CIAR, SEJA, CIVU | high | Acres |
| aylor S. | Evaluate | CYSC in S prairie | med | Acres |
| aylor S. | Pull | CYSC in S prairie | med | Acres |
| aylor S. | Replace | post on gate at N end | med | Acres |
| aylor S. | Weed | SEJA, CIAR clipping throughout | high | Acres |
| Turtle swale | weed | upland mound | | |
| Turtle Swale | Burn | remnant prairie | high | Acres |
| Turtle Swale | Assess | Old haul road; re-seed if needed | high | Acres |
| Turtle Swale | Cut | Fruit trees in south upland | high | Acres |
| Turtle Swale | Install | Replace logs that were washed away with anchored basking structures | high | |
| Turtle Swale | Mow | Lupine plot and surrounding upland | high | Acres |
| Turtle Swale | Mow | Phase III edges | high | Acres |
| Turtle Swale | Mow | RUAR in Ph. III | high | Acres |
| Turtle Swale | Plant | Plant Oaks in remnant uplands | med | each |
| Turtle Swale | Plant | Plant Oaks in remnant uplands | med | each |
| Turtle Swale | Weed | HYPE and DIFU in N prairie | high | Acres |
| Turtle Swale | Weed | HYPE and DIFU in N prairie | high | Acres |
| Turtle Swale | Weedeat | DIFU in N prairie | high | Acres |
| Turtle Swale | Weedeat | PHAR & RUAR patches in N prairie | high | Acres |
| inci | Seed | areas where CYSC was removed | high | Acres |
| inci | Weed | CYSC control at south end near road margin and throughout | high | Acres |
| inci | Weed | CYSC control at south end near road margin and throughout | high | Acres |
| inci | Weed | CYSC control in center of site | high | Acres |
| inci | Weed | CYSC control in center of site | high | Acres |
| inci | Weed | RUAR and woody control rare plant areas plots | high | Acres |
| inci | Weed | RUAR and woody control rare plant areas plots | high | Acres |
| inci | Weedeat | Access route from W 11th at SW corner | high | Acres |
| Willow Corner Annex | Excavate | Fill pile removal | high | cu. ft. |
| Willow Corner Annex | Mow | fill area to control spread of PHAQ | high | Acres |
| Willow Corner Annex | Weedeat | fill piles to control spread of PHAQ | high | Acres |

| | | | | |
|---------------------|--------------|--|------|-------|
| Villow Corner Annex | Remove | Female ash trees | med | Acres |
| Villow Creek Confl. | GPS | new shade cloth | high | Acres |
| Villow Creek Confl. | Identify/map | PHAR/ PHAQ patches to shade | high | Acres |
| Villow Creek Confl. | Mow | Margins | high | Acres |
| Villow Creek Confl. | Repair | shadecloth | high | Acres |
| Villow Creek Confl. | Shade | PHAR/ PHAQ patches | high | Acres |
| Villow Creek Confl. | Shade | PHAR/ PHAQ patches | high | Acres |
| Villow Creek Confl. | Weed | CYSC along S edge of wetland at toe of slope from road, also along bank of Willow Creek | high | Acres |
| Villow Creek Confl. | Weedeat | PHAR/ PHAQ | high | Acres |