

August 4, 2015

TO:	Julie Armbruster, Forest Legacy Program Coordinator
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FROM: Julie Sackett, Forest Stewardship Forest

SUBJECT: Issaquah Creek Forest Legacy – Forest Stewardship Plan Update

I have reviewed the *Taylor Mountain Forest Stewardship Plan Update* and it meets the requirements of a Forest Stewardship Plan in conjunction with the original plan submitted in 2004.

This plan and update demonstrates sound forest stewardship and sustainable forest management that includes consideration for forest health, wildland fire, invasive species, soils, water quality, fisheries, wildlife habitat, forest roads, specialized resources, aesthetics, recreation and timber production.



Appendix F Taylor Mountain Forest Forest Stewardship Plan 10-year Update

August 5, 2015

Kevin Brown, Director Parks and Recreation Division

Taylor Mountain Forest Forest Stewardship Plan 10-year Review and Update

1. Introduction

The Taylor Mountain Forest Stewardship Plan (the Plan) was adopted in 2004. The Plan recommended a review at five years and an update at ten as part of an adaptive management process for the site. King County purchased a portion of the property with funds from US Forest Service Forest Legacy Program (FLP) that required King County to grant a conservation easement on that land to Washington Department of Natural Resources (WADNR). The FLP requires forest stewardship plans be developed for a specified management period and to be reviewed and revised at the end of that period to be considered current. The Plan management period was 10 years with additional long-term management activities identified. This document provides a 10-year review and update to meet the intent of the FLP. The implementation matrix at the end of this document shows work that has been accomplished in the past ten years and work planned for the next ten years and more. Once approved, this document will be an appendix to the original Taylor Mountain Forest Stewardship Plan.

In 2004 the FLP conservation easement covered 1,592 acres, a majority of the Taylor Mountain Forest (TMF). Since then three parcels were acquired and added to the TMF. Two parcels (60 acres total) were purchased with Parks Levy and other non-FLP funding sources. One parcel (40.50 acres) was purchased with FLP funding. Total acreage for the TMF is now 1692.5. Of this total, 1,632.5 acres are currently in the FLP (see attached Site Plan map).

2. Forest Resources

Since the Plan was adopted King County has conducted forest stewardship activities at TMF including stand analysis, regeneration treatments, conifer release, stand thinning, tree planting and invasive plant control. Stewardship activities occurred in 2004-2007, 2012 and 2013 with invasive plant control occurring every year.

The Plan includes a map showing forest types in TMF and was updated during this review to include new lands (see attached Forest Type map). Forest Type 2, 3 and 15 have young and mature maple trees that are suppressing the conifer stand. King County plans to conduct a conifer release in these units in 2016-2017. Forest Type 10 and 12 have a high percentage of cottonwood and were recommended for thinning if cottonwood markets improved. The market for cottonwood has not improved and an ice storm in 2007 naturally thinned the stands. Due to poor stand conditions, Forest Type 10 and 12 may later be included with Forest Type 7 and 18 for hardwood to conifer conversion.

Forest Type 2

The original forest stewardship plan recommended that 23 acres of Forest Type 2 south of the Hobart gate and parking lot be harvested in 2003-2007. A conifer retention harvest was done in 2006 in conjunction with 53 acres of Forest Type 3. This harvest removed 90 percent of the alder which was dying at the end of its natural lifespan. No conifer species were cut. Following the harvest pre-emergent herbicide was applied with backpack sprayers. The stand was then re-

planted at a density of 436 trees per acre. The species composition consisted of Douglas-fir, western red-cedar, hemlock and grand fir.

The regeneration was visually monitored over the past 8 years. In January, 2015 regeneration stocking plots were taken in this stand. The results of the herbicide application varied substantially with some seedlings free to grow while others are shaded by alder and shrub species. The stand is stocked with an average of 370 conifer seedlings/saplings per acre and 500 hardwood saplings per acre. A conifer release treatment will be scheduled for 2016-17 which will cut deciduous trees and shrubs which are directly competing with conifer regeneration.

Forest Type 3

A total of 161 acres of this stand was harvested over the past 10 years. In 2003-04 the first harvest under King County ownership was completed on 66 acres. There were two retention areas of conifer as part of this harvest. The harvest prescription was for all the alder and all the big-leaf maple to be harvested. No conifers were harvested. The harvest yielded 908,000 board feet of hardwood logs and pulp. Stumpage received was \$71,427. Following the harvest the area was planted in 2005 and 2006 at an average density of 436 trees per acre with Douglas-fir, western red-cedar, and hemlock. A total of 28,800 seedlings were planted. All cedar seedlings were covered with deer-browse protection tubes. A conifer release herbicide application occurred in fall of 2006. The unit has been periodically monitored. As of January 2015 conifer stocking levels are good. The degree of hardwood/shrub competition does not require further treatment at this time. The number of maple clumps is low enough that they will be retained for wildlife habitat.

In the summer of 2006 the 8 acres west of Forest Type 2 and 45 acres located northeast of Forest Type 2 on the north side of the haul road (Road A) were harvested. The harvest goal was to initiate the conversion of this hardwood dominated stand to a mixed conifer stand by removing the mature alder and maple. No conifers were harvested. This harvest produced 818,000 board feet of hardwood logs and pulp which resulted in \$270,000 of stumpage to King County. These volume and values include the 23 acre harvest in Forest Type 2 described above. The harvest was followed in fall of 2006 by an application of pre-emergent herbicide intended to slow the regrowth of competing deciduous trees and shrubs. In early 2007 the harvested area was replanted with 27,000 conifers consisting of Douglas-fir, western red cedar, hemlock, and grand fir. The planted cedar trees were protected by plastic browse protection tubes.

A stocking survey of the 2006 harvest area was done in February of 2015 which indicated an average of 375 conifers per acre and 750 deciduous stems per acre; primarily red alder. A conifer release is planned in 2016-17. This treatment will cut and drop competing deciduous trees and shrubs within 10 feet of planted seedlings. In addition most maple clumps will be cut with a small amount retained for habitat. The stand should be re-evaluated for a commercial thinning in 2031.

In summer 2012 a 42 acre portion of Forest Type 3 was harvested. This was one of three units which comprised the third harvest King County has implemented on the property. This harvest also included two units of Forest Type15 located along the northern property line. The harvest removed most of the merchantable red alder and approximately 50 percent of the maple. Maples clumps with at least 3 stems greater than 10 inches diameter at breast height were cut. All single stem maple trees that grew from seedlings were retained. Most conifers were retained except for within an area of hemlock root rot in the southern third of the stand. In this area hemlock with sparsely foliated or discolored crowns were harvested especially when adjacent to dead hemlock. The three units of this third harvest yielded a total of 587,700 board feet of logs and pulp with a stumpage value of \$74,161.

Old existing haul roads were re-established to access this unit. These roads were partially decommissioned by installing drainage dips across a forested wetland and installing a tank trap to avoid vehicular access. The harvest was followed with the planting of 1,800 conifers consisting of Douglas-fir, red cedar, white pine, and grand fir. There was abundant cedar and hemlock advanced regeneration which limited the amount of planting required. The regeneration was evaluated in January 2015. Survival and growth based on 2 growing seasons was good. We will evaluate the units in 2017 -18 for the need of vegetation management.

Forest Type 7, 10, 12 and 18

Forest Type 7 naturally seeded in with red alder and other deciduous species after a large clear cut harvest in 1980. There are also residual bigleaf maple and cedar from an earlier stand. The previous landowners planted areas of Douglas-fir, but did not manage for competing vegetation. Very few of the planted stock survived the competition from red alder, big leaf maple, salmonberry and other shrub species. Without intervention or disturbance, the stand will persist in this state for another 25-30 years. At that time, the alder will begin to die, and the stand will convert to salmonberry, which prevents regeneration of native conifer species. With similar Forest Type 10, 12 and 18, the intent is to convert theses stands from hardwood to conifer as funds are available. In 2010 King County Parks applied for a carbon sequestration grant for portions of Forest Type 7 and 10 through The Climate Trust and did not receive funding.

Forest Type 15

As mentioned under Forest Type 3, the 2012 harvest included two units of this type. These units which total 24 acres are located along the northern property line east of Holder Creek and west of Road K. In planning the harvest it was decided to reserve approximately 50 acres of the forest type from the harvest due to areas of potentially unstable slopes, riparian areas, seeps and forested wetlands. This reserve area is located along the west side of Road K and extends along the main stream which flows through this stand.

A temporary road was constructed to access these two units from Road K. Following the harvest culverts were removed and portions of the road were converted to trail and other portions were decommissioned by installing water bars and drainage dips. The harvest removed all the

merchantable red alder and approximately 50 percent of the maple. Maple clumps with at least 3 stems greater than 10 inches diameter at breast height were cut. Single stem maples were retained. All conifers were retained except for an area of laminated root rot in the western third of the harvest. In this area Douglas-fir with weak, sparsely foliated, and /or discolored crowns were harvested especially if adjacent to dead Douglas-fir. These areas were reforested with cedar, western white pine, and grand fir.

Forest Type 16, 17, 19 and 20

All four of these stands differ significantly from the deciduous dominated stands which comprise the majority of TMF. They are comprised predominantly of large mature conifers with a diverse understory.

Forest Type 16 and 20 are contiguous and have similar stand characteristics. There is dwarf mistletoe in the hemlock, but given the lack of conifer stands providing large woody debris, the decision was made when planning the 2012 harvest to reserve these 26 acres of mature conifer from harvest. In addition to species and age diversity, these conifer types provide standing and down, large woody debris an important but rare wildlife habitat component.

Forest Type 17 is 18 acres of primarily hemlock and Douglas-fir that are approximately 110 years old. The type is located along the eastern property line shared with the City of Seattle Watershed. Based ona reconnaissance of the type in 2015 the decision was made to reserve the type from harvest at this time. The mature conifers provide species diversity and ecological functions lacking on the property.

Forest Type 19 is 21 acres of primarily cedar, Douglas-fir and hemlock. The original forest stewardship plan recommended a thinning of this 80 year old stand. In planning the 2012 harvest it was determined that the steep, irregular topography of Forest Type 15 and 19 prohibited the engineering of a cost effective, environmentally sound cable or ground based yarding system required to thin this type. It was decided to reserve this coniferous stand for similar reasons as Forest Type 16, 17, and 20.

All four stands provide habitat value for wildlife that depend on forests with late seral stage development and older stand characteristics. These stands are unique within the TMF and there is a lack of similar stands in this ownership. King County recommends these stands be kept in reserve and harvest delayed indefinitely.

Taylor Mountain Forest Forest Stewardship Plan - Forest Legacy Program 10-year review August 5, 2015

Parcel		Forest Legacy	Other	Total	
Number	Funding Source	Acres	Acres	Acres	Previous Owner
0522079001	Forest Legacy	314.02	84.07	398.09	
3123079003	Forest Legacy	395.90	63.83	459.73	
3223079001	Forest Legacy	145.97	0.00	145.97	
3223079009	Forest Legacy	39.95	0.00	39.95	Boysen Trust
3223079011	Forest Legacy	79.80	0.00	79.80	
3223079014	Forest Legacy	13.34	0.00	13.34	Temcov
3223079021	Forest Legacy	160.15	0.00	160.15	
3223079027	Forest Legacy	163.68	0.00	163.68	
3323079005	Forest Legacy	159.16	0.00	159.16	
3323079009	Forest Legacy	158.22	0.00	158.22	
					298th Ave SE
0522079019	Other	0.00	1.88	1.88	Road Parcel
0622079021	Other	0.00	8.97	8.97	Pettigrew
3023079001	Other	0.00	19.29	19.29	Rogers Rice
3023079022	Other	0.00	23.28	23.28	Monohan
3023079023	Other	0.00	26.54	26.54	Montaney
3023079024	Other	0.00	25.74	25.74	Montaney
3223079015	Other	0.00	40.10	40.10	Zapel
Total		1630.21	293.68	1923.88	

 Table 1. Taylor Mountain Forest Parcel Information

*Total acres varies slightly from total reported in the introduction.

3. Roads

In 2004 when the Plan was adopted there were approximately 10 miles of roads in the TMF. Since then, new lands were acquired adding to the network less than a mile of gravel road previously used for residential access. Under the Forest Practices Act, King County must maintain the forest roads in the TMF to prevent damage to public resources. Roads that are not needed must be abandoned or converted to trail. Culverts that are barriers to fish passage must be removed or replaced with fish passable structures.

King County Department of Natural Resources and Parks employees and contractors need a road network within TMF to conduct trail maintenance and future forest stewardship activities. The Plan identified roads within the TMF that are not needed for maintenance or forest stewardship. In 2007, King County abandoned a portion of Road F, removed a 96-inch culvert and restored the Carey Creek stream channel in that location. Subsequently six road segments were converted to trail. One road segment was abandoned. Road K cannot be abandoned due to an easement for legal access to private property on the North West corner of TMF. See attached Site Plan map for road labels and road segments converted to trails.

In April 2010, WADNR issued an Informal Conference Note (#13557) evaluating five numbered culverts in TMF and requiring King County to develop a plan to fix all five. King County

removed culvert #4 on road I in 2011. An overflow system was added to culvert #1 on road A to preserve access until it can be replaced. King County plans to replace Culvert #1 in 2018 with a vehicle bridge or other fish passable structure to maintain forestry and recreation access to the TMF if funding is available. King County plans to replace culverts #2 and #3 with larger ones in 2016. King County may apply for a grant from the Family Forest Fish Passage Program to pay for these projects. See attached Site Plan map for numbered culverts.

Culvert #5 is under an abandoned access road and undersized. The road was used to dump spoils from the removal of the Carey Creek culvert in 2007. The culvert is approximately 30 feet below the road grade. The distance between the top of the banks at the road level is about 100 feet. This culvert lies under a popular trail access to the mountain from the south. King County plans to remove this culvert by 2018.

Road G, also known as Watershed Road 19 no longer has a legal easement as all the private ownership within the TMF is now in County ownership. The City of Seattle intends to decommission this in the near future and may convert it to a trail.

4. Aquatic Resources and Wildlife

Parcels acquired in the center of the TMF include an old millpond and the headwater wetlands of Holder Creek protecting important aquatic and terrestrial wildlife habitat. In 2004, Volunteers and King County staff planted many native trees and shrubs in the headwater wetlands and along Holder Creek significantly improving habitat value in that important riparian system. Holder Creek provides high quality spawning and rearing habitat for six species of salmonids.

5. Public Use

In 2012 King County Parks Division, in partnership with the City of Seattle, Backcountry Horsemen, and Washington Trails Association received a \$100,000 state grant for trailhead improvements at the TMF. With this funding, King County will expand the existing gravel lot to accommodate 30 vehicles and install trailhead amenities including a vault toilet, signs, two accessible parking stalls and hitching posts. King County plans to construct the parking lot in spring 2016.

The private inholdings that King County acquired will allow for future trail connections within the TMF. The new lands purchased to the north of the original TMF could provide trail connections to Tiger Mountain when State Route 18 is widened. Trail maintenance, upgrades and connections have been ongoing since 2004 with the decommissioning of existing logging roads. This has improved access and lessoned the ecological impact of previous social trails.

6. Monitoring and Adaptive Management

Since the Plan was adopted the Forest Landscape Assessment Tool (FLAT) was developed by the Green Cities Research Alliance and coordinated by the USDA Forest Service Pacific Northwest Research Station, in partnership with King County, Forterra and the University of Washington. FLAT allows land managers to rapidly assess landscape conditions and prioritize restoration activities. Using high, medium or low values for both tree canopy composition and invasive species cover, each habitat management unit (HMU) is assigned one of nine descriptive categories. King County Parks Division staff conducted a FLAT assessment at TMF in 2011.

The FLAT management units correspond roughly to the 2004 Plan forest types. King County plans to conduct a FLAT assessment at TMF on five year intervals.

The information produced by the FLAT provides a standardized baseline of ecological data for a variety of landscape types. This information can be used to view each management unit within the context of an entire land management system, as well as provide a starting point for developing a land-use or stewardship plan for particular parcels. Repeated over time, FLAT serves as an effective monitoring tool for managers to review and then adapt management priorities and actions based on forest conditions.

7. Summary

The US Forest Service Forest Legacy Program seeks to protect environmentally important forest lands that are threatened by present or future conversion to non-forest uses. King County has honored this mission by improving the lands acquired through the Forest Legacy Program at TMF. Since the Plan was adopted King County has conducted a variety of forest stewardship activities including stand analysis, regeneration treatments, conifer release, stand thinning, tree planting and invasive plant control. King County will continue forest stewardship at TMF to improve forest health, ecological function, wildlife habitat enhancement and access to recreational activities. **Implementation Matrix**

	Project		Planned	ned		Completed	Activities and Recommendations
		0-2	6-10	0-5	6-10		
		years	years	years	years		
		2004	2009	2014	2019		
		2002	CIU2	0107	C707		
Forest	Forest Type 3: Regeneration	2003		2017		2003 and 2004	67 acres harvested/replanted. In 2006 a
Resources	treatments. 71 acres.	-				2006	conifer release was completed.
							Regeneration determined successful in 2015.
	Forest Type 15: Regeneration treatments. 24 acres	2005				2012	24 acres harvested/replanted.
	Forest Type 19: Thinning to	2004				2012	In planning 2012 harvest it was
	improve forest health.						determined that the terrain was too steep
	-						and irregular for cable or ground based
							thinning. Retain as conifer reserve.
	Forest Type 3	2004				2012	42 acres harvested/replanted. Evaluate
	Regeneration treatments. 43						for vegetation management 2017.
	acres.						
	Forest Type 3: Regeneration	2005				2007	43 acres harvested/replanted. Conifer
	treatments. 45 acres.						release to occur in 2016-18
	Forest Type 2: Thinning of 23	2007				2006	23 acres thinned. Need to release cedar
	acre portion of stand to						and Douglas fir from hardwoods.
	accelerate forest succession						
-	Forest Type 8: Monitor the	2003					Successful plantings. Ongoing
	seedling survival of 1998						monitoring. Replant if necessary.
	conifer under planting.	···· ·	÷				

Taylor Mountain Forest Forest Stewardship Plan - Forest Legacy Program 10-year review August 5, 2015

Project		Planned	ined		Completed	Activities and Recommendations	
	<u>5-0</u>	6-10	S-0	6-10			
	years	years	years	years			
	2004	2009	2014	2019			
	2008	2013	2018	2023		•	1
Forest Type 4: Monitor the	2004					Successful plantings. Ongoing	
seedling survival of 1999						monitoring. Replant if necessary.	
conifer under planting.							T
Forest Type 5: Monitor the	2004					Successful plantings. Ongoing	
seedling survival of 1999						monitoring. Replant if necessary.	
conifer under planting.							
Forest Type 10: Monitor					Evaluated	2007 ice storm naturally thinned stand.	
cottonwood markets for	-uO				2015	1/2015 cottonwood market is not	
improvement. If they improve	going					favorable enough to implement this	
significantly, harvest						item. Future evaluation for hardwood to	
merchantable black						conifer conversion with stands 7/18.	
cottonwood.							
Forest Type 12: Commercial		2006			Evaluated	2007 ice storm naturally thinned stand.	
thinning of cottonwood in over		thru			2015	1/2015 cottonwood market is not	R
 story if cottonwood markets		2011				favorable enough to implement this	
improve.						item. Future evaluation for hardwood to	
						conifer conversion with stands 7/18.	
Forest Type 17: Thinning to		2011			2015	Re-evaluated 2015. Recommended as	
lessen competition and promote forest health.						reserve.	
 Forest Type 18: Re-evaluate		2012	2015			Large area. More hemlock and conifer	
stand to determine if stand and						than 7. 2015 walk thru for hardwood to	
market conditions warrant						conifer conversation.	
 narvest and initiation of new stand							

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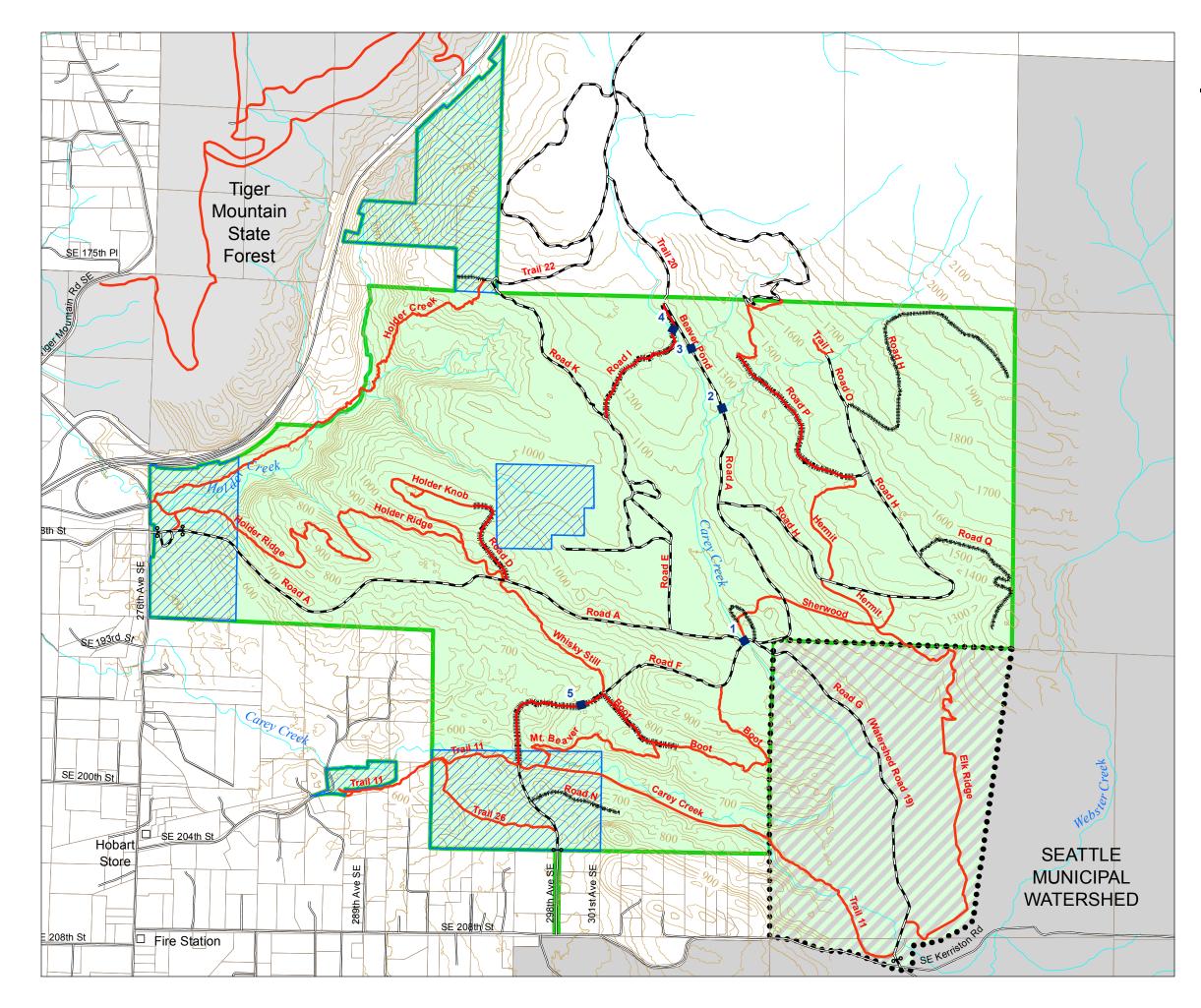
0.5 6.10 0.5 6.10 0.5 6.10 0.5 6.10 0.5 0.11 Description Description <thdescription< th=""> Description Description<</thdescription<>	Project		Planned	ned		Completed	Activities and Recommendations
yearsyearsyearsyears200420132013201320132008201320132017Very large area (~700 acres). May break in to units and start in 2017.12008201320152023200920142023Preliminary assessment in 2015.200920152030Re-evaluate in 2030 and consider20152030Re-evaluate in 2030 and consider20152030Re-evaluate in 2030 and consider20162030Re-evaluate in 2030 and consider20172030Re-evaluate in 2030 and consider20182030Re-evaluate in 2030 and consider20192030Re-evaluate in 2030 and consider20152030Re-evaluate in 2030 and consider20152030EvaluatedRe-evaluate in 2030 and consider20152030EvaluatedRe-evaluate in 2030 and consider20152030Re-evaluate in 2030 and consider20152015201516 and 17.20152015201520.2015201520.2015201520.2015 <t< th=""><th></th><th>0-5</th><th>6-10</th><th>0-5</th><th>6-10</th><th></th><th></th></t<>		0-5	6-10	0-5	6-10		
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20152017Very large area (~700 acres). May break in to units and start in 2017. 1 Preliminary assessment in 20152022-2030Re-evaluate in 2030 and consider inclusion with adjacent stands.2030Re-evaluate in 2030 and consider inclusion with adjacent stands.2030EvaluatedRe-evaluate in 2030 and consider inclusion with adjacent stands.20312030Evaluated2032EvaluatedRe-evaluate in 2030 and consider inclusion with adjacent stands.2031EvaluatedRe-evaluate in 2030 and consider inclusion with adjacent stands.2031EvaluatedReserve for habitat value with 17 ar 20152035EvaluatedReserve for habitat value with 17 ar 20152035Ev		2004	2013	2014 2018	2019 2023	·	
-2022break in to units and start in 2017.203020302030Re-evaluate in 2030 and consider2030Re-evaluate in 2030 and consider2030Evaluate in 2030 and consider2030Be-evaluate in 2030 and consider2030Secondate2030Re-evaluate in 2030 and consider2030Evaluate in 2030 and consider2030Evaluate2030Evaluate2030Evaluate2030Evaluate2030Evaluate2030Evaluate2030Evaluate201516 and 17.201520.<	Forest Type 7: Initiate stand			2015	2017		Very large area (\sim 700 acres). May
1 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030	regeneration to a stand				-2022		break in to units and start in 2017. Did
2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030	containing a higher percentage						preliminary assessment in 2015.
2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030	of coniferous species.						
2030 2030 2030 2030 2030 2030 2015 2015 2015 2015 2015 2015 2015 201	Forest Type 1: Re-evaluate for				2030		Re-evaluate in 2030 and consider
2030 2030 2030 2030 2030 2030 2015 2030 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015	thinning to perpetuate	"					inclusion with adjacent stands.
2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030	coniferous forest cover.						
2030 2030 2030 2030 2030 2015 2015 2015 2015 2015 2015 2015 201	Forest Type 9: Re-evaluate for				2030		Re-evaluate in 2030 and consider
2030 2030 2030 2030 2015 2030 2015 2015 2015 2015 2015 2015 2015 2015	thinning to perpetuate					·	inclusion with adjacent stands.
2030 2030 2015 2030 2015 2030 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015	coniferous forest cover.	•					
2030 2030 2015 2030 2015 2015 2015 2015 2015 2015 2015 2015	Forest Type 11: Re-evaluate for				2030		Re-evaluate in 2030 and consider
2030 2030 2015 2030 Evaluated 2015 2015 2015 2015 2015 2015 2015 2015	thinning to perpetuate						inclusion with adjacent stands.
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or 2015 2030 Evaluated 0 2015 2015 2015 0 2015 2015 2015	Forest Type 13: Re-evaluate for				2030		Re-evaluate in 2030 and consider
or 2015 2030 Evaluated 0 2015 2015 2015 2015 2015 2015 2015 2015	thinning to perpetuate						inclusion with adjacent stands.
or 2015 2030 Evaluated 2015 2015 2015 2015 2015 2015	coniterous forest cover.						
2015 2015 2015 2015 2015 2015	Forest Type 20: Re-evaluate for			2015	2030	Evaluated	Potential reserve for habitat value with
2015 Evaluated 2015 2015 2015	treatment to perpetuate a					2015	16 and 17.
2015	Forest Type 16: Re-evaluate			2015		Evaluated	Reserve for habitat value with 17 and
2015	for treatment to perpetuate a					2015	20.
2015	coniterous stand.						
	New lands – Inholding and			2015			FLAT survey to be conducted on new
TMF	parcels to the north of original						lands, 2015.
	TMF						

	Project		Planned	ned		Completed	Activities and Recommendations	
		0-5	6-10	0-5	6-10			T
		years	years	years	years			
	•	2004	2009	2014	2019			
		2008	2013	2018	2023			
Roads								
Maintenance								
	On-going maintenance cost for	2006	2008-	2014-				
	Roads A,E,G, and half of H		2013	2019				
	Upgrade costs							, 1
	See costs in Appendix D		2003-			2007	Section of road F was converted to trail	
	Costs to inactivate Roads O,P,	-	2005				and a 96-inch culvert removed to restore	
	Q, and half H and to abandon						stream channel on Carey Creek. Roads	
	half of F, and I			;			H, I, P and Q converted to trail.	
	Cost to inactivate Roads D, ,K,		2008-			2010	Road M, N and D converted to trail.	
	M,N trail 2,25,26, and		2013				Trail 2 and 25 were removed.	
	unidentified road							
	On-going maintenance costs for		2008-	2014-		2011 #4	Culvert #2 and #3 removal by 2016.	
	inactivated roads. Culvert		2013	2020		2016 #2, 3	Culverts #1 and #5 planned for removal	
	replacements as funds are						or replacement in 2017/2018.	
	available.							
Aquatic	Conduct native tree and shrub	On-		-		2004-2014	Volunteers planted native trees and	
Resources	plantings	going					shrubs in headwater wetlands of Holder Creek	
	Noxious, invasive and non-	On-				2004-2014	King County resource crews controlled	T
	native weed control	going					noxious and invasive plants	
	Site Inventory / Monitoring	On-					FLAT conducted in 2012	
		going						
	Further ecological studies,						New funding for restoration studies	
	research and surveys						2015-2016 budget cycle	
Toulor M	Taulos Manustain Easast							

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Activities and Recommendations					Long-term interagency effort.	CFT grant applications submitted to	acquire private parcels along Holder	Creek		Public Use Plan and Trails Assessment	completed	Abandoned roads have been converted	to trail. New trails have improved	access.	Re-evaluate as needed		Ongoing	
Completed						2014, 2015				2009		2004 and 2007					-	
	6-10	years	2019	2023														
Planned	0-5	years	2014	2018														
Plar	6-10	years	2009	2013														
	0-2	years	2004	2008		On-	going			2003		2003	thru	2007	On-	going		
Project					State Route 18 Wildlife Crossing	Grant submissions and	academic partnerships for	ecological projects and	programs	Use Public Use Plan and Trails		Trail maintenance and new trail	construction		Park inspection, complaints	response	Access issues, litter and garbage	control
						-			* 	Public Use	Resources							

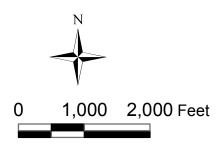


Taylor Mountain Forest

Site Plan

Legend

- Taylor Mountain Forest
- Areas not under Forest Legacy easement
- Taylor Mountain Limited Use Area
 - Contour Lines (50 Feet)
- Existing Trails
- Road Converted To Trail
- ----- Internal Roads
- —— Other Roads
- Closed Roads
- 🕶 Gate
- Culvert

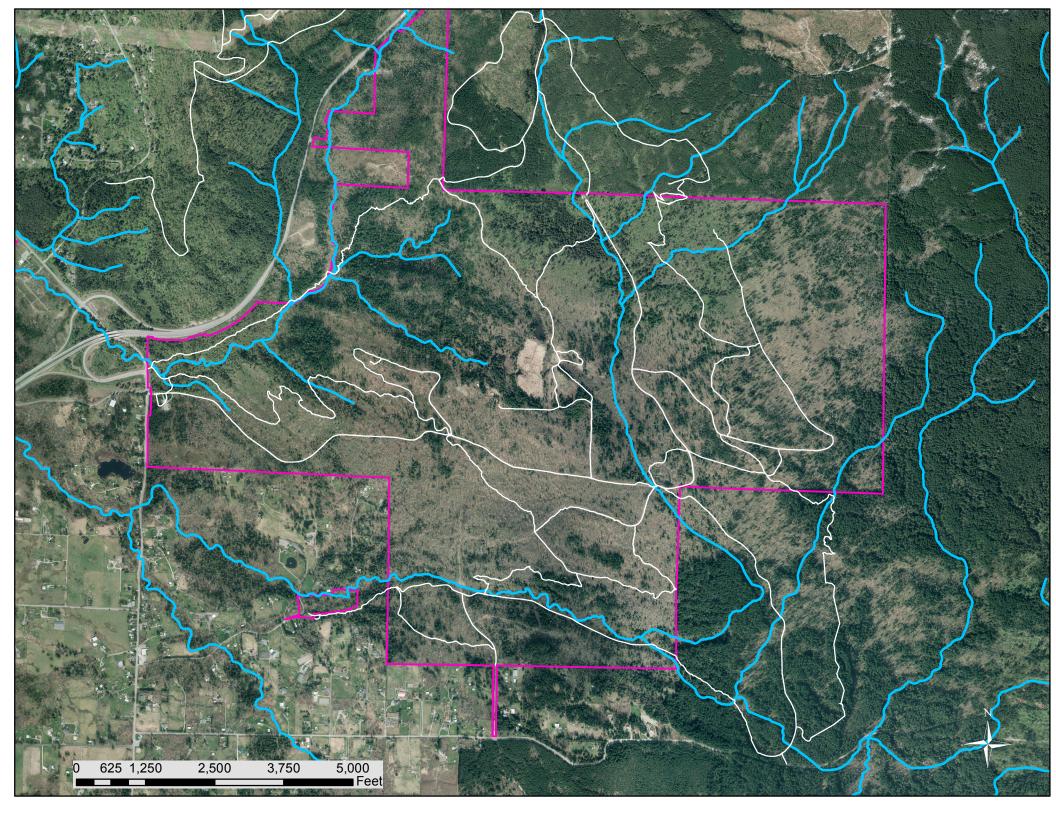


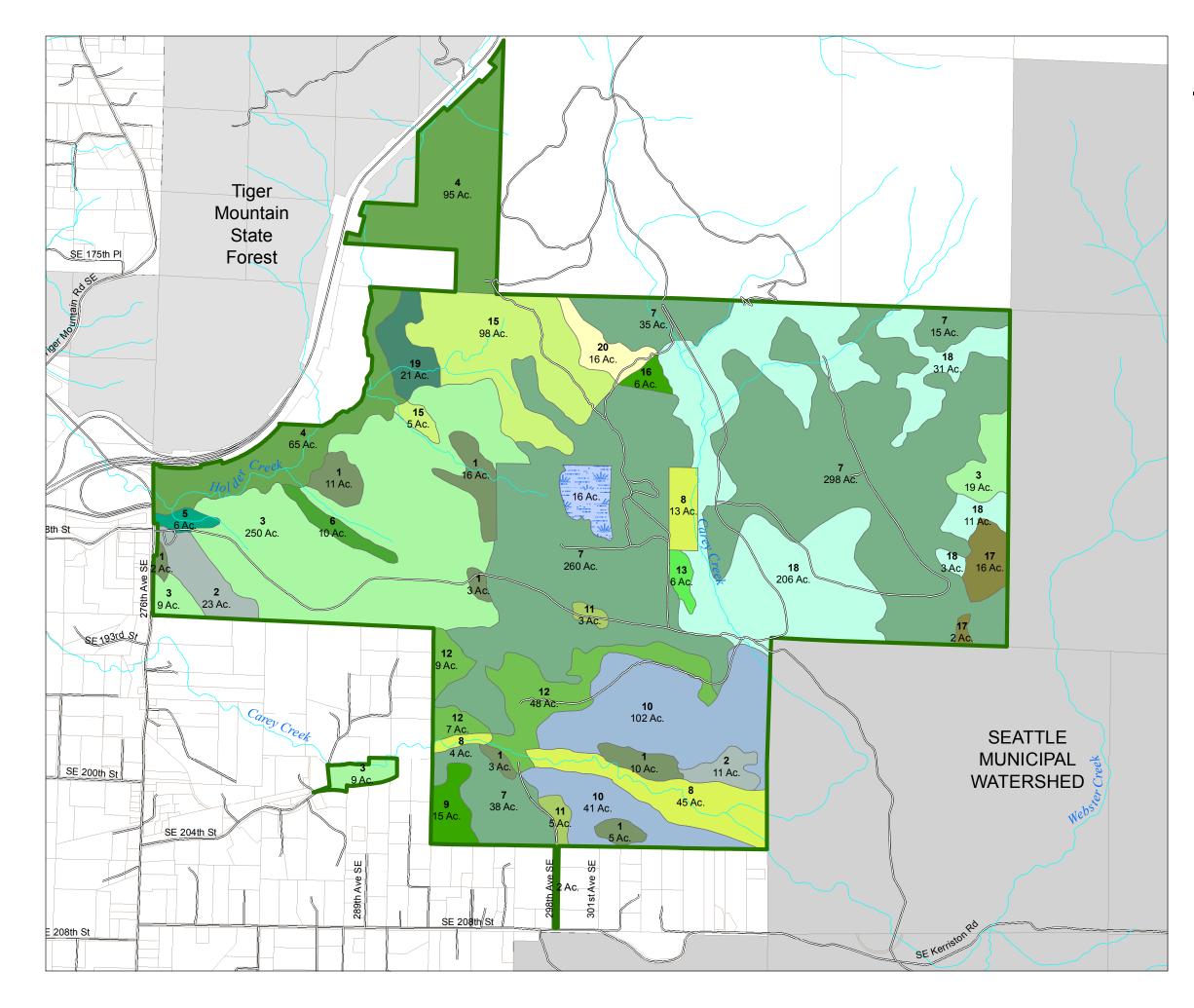


Deparment of Natural Resources and Parks Parks and Recreation Division

Sept 15, 2015

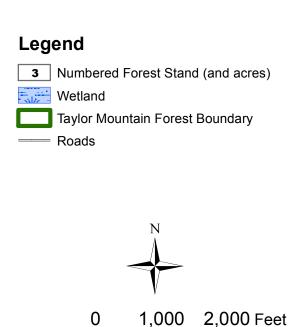
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Taylor Mountain Forest

Forest Type Map





May 20, 2015

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Map Legend (map on reverse)

 Trailheads

 iking, horseback riding

 hiking, horseback riding, mountain

 biking

Trails

maintained ///// maintained, seasonal (closed Oct. 15–Apr. 15) forest maintenance road other

0.24 approximate distance in miles between trail junctions

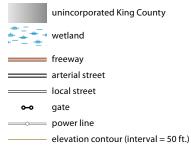
Facilities



Publicly owned land



Other basemap features



October 2016

Map created by the King County Parks and Recreation Division and the King County GIS Center: www.kingcounty.gov/gis.

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Taylor Mountain Forest

The extensive trail system at Taylor Mountain Forest is used by equestrians, hikers, and mountain bikers. This working forest is intended to demonstrate environmentally sound forest management, protect and restore ecological systems and provide passive recreational opportunities. Taylor Mountain is dominated by mature red alder trees. Trail users will see recent efforts to convert some of the forests from red alder to conifers. Taylor Mountain is home to abundant fish and wildlife, including black bear and cougar. Carey Creek and Holder Creek support spawning coho salmon.

Area

1,924 acres

Total trail length 30 miles

Trail uses

These trails are open to all non-motorized uses but are primarily used by equestrians and hikers. King County Parks partners with the Backcountry Horsemen of Washington - Tahoma Chapter on trail stewardship.

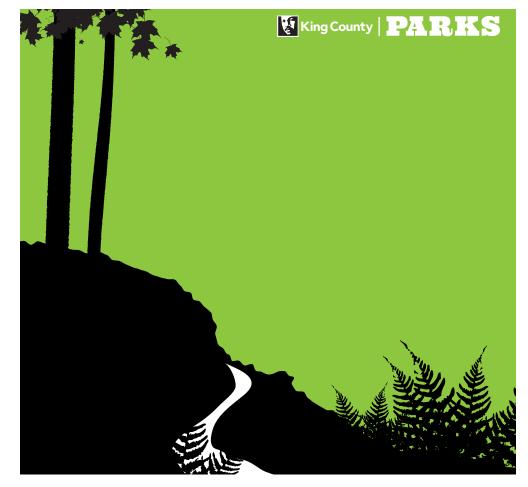
Access

From Seattle, drive east on I-90 to Issaquah and then south on Issaquah Hobart Road SE. Issaquah Hobart Road passes under SR-18 and becomes 276th Avenue SE. The entrance to the Taylor Mountain parking lot is 1/4 mile past SR-18 on the east side of 276th Avenue SE. The parking lot can accommodate trucks with horse trailers.

This information is available in alternative formats upon request. Please call 206-477-4527 or 1-800-325-6165. Washington Relay Service: 1-800-833-6388.

For information about King County Parks, please call 206-477-4527.

Visit King County Parks on the Internet at www.kingcounty.gov/parks.



TAYLOR MOUNTAIN

Taylor Mountain Forest is located south and east of Tiger Mountain, south of I-90 and east of SR-18, between the communities of Hobart and North Bend in eastern King County. The 1,822-acre site, which offers sweeping views of Mount Rainier, forested wetlands and meadows of wild flowers, provides an important habitat link between the City of Seattle's Cedar River Watershed and Tiger Mountain State Forest.



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