

City of McMinnville

Tree Grove Assessment Form

SITE#: A6	SIZE: 8.2 ac.	MAPS: A5, A6	SCORE: 30
LOCATION: Lower Baker Creek / Harvest Ct.	FLOODPLAIN: Yes	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon ash
Secondary Species:
Understory:

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	3	X 5	4	X 3	3	X 1
SCORE	15		12		3	TOTAL
						30

COMMENTS:

e.g., clarifications on assessment, unusual characteristics, invasive species, land use context

Site has very limited access and/or visibility for assessment purposes. Survey conducted from distance in right of way and using aerial imagery. Grove follows steep wooded banks above Baker Creek. Baker Creek riparian forest provides good habitat and fish/wildlife movement corridor.

MANAGEMENT RECOMMENDATIONS:

Monitor for spread of invasive species from adjacent developed areas.

City of McMinnville

Tree Grove Assessment Form

SITE#: B3	SIZE: 1.9 ac.	MAP: B3, C3	SCORE: 26
LOCATION: Baker Creek Oaks	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input checked="" type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Oregon oak
Secondary Species: Oregon ash
Understory: Himalayan blackberry

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size		2 to <5 acres in size	1	<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	2	X 5	4	X 3	4	X 1
SCORE	10		12		4	TOTAL
						26

COMMENTS:

e.g., clarifications on assessment, unusual characteristics, invasive species, land use context

Survey conducted from distance on Baker Creek Road. Site area is currently undeveloped but residential subdivision construction along Baker Creek Road is approaching grove from south. Site is near the edge of the study area /Urban Growth Boundary.

MANAGEMENT RECOMMENDATIONS:

City of McMinnville

Tree Grove Assessment Form

SITE#: B4	SIZE: 9.75 ac.	MAP: B3, B4	SCORE: 34
LOCATION: Upper Baker Creek / Pinot Noir Ct.	FLOODPLAIN: Yes	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak
Secondary Species: Oregon ash
Understory: Red flowering currant, Hooker willow

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	5	X 5	2	X 3	3	X 1
SCORE	25		6		3	TOTAL
						34

COMMENTS:

Grove follows banks of Baker Creek along northern UGB / study area limits. Residential development approaching from the south. Baker Creek riparian forest provides good habitat and fish/wildlife movement corridor.

MANAGEMENT RECOMMENDATIONS:

Future greenway opportunity. Protect and manage as buffer when buildout occurs.

City of McMinnville

Tree Grove Assessment Form

SITE#: B7	SIZE: 45.7 ac.	MAP: A7, B7, B8	SCORE: 36
LOCATION: Grandhaven Drive/ Doran	FLOODPLAIN: Yes	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak, Oregon ash Secondary Species: Bird cherry, Scouler willow Understory: Himalayan blackberry, English hawthorn, Oregon grape, Douglas fir saplings, swordfern, brackenfern, English holly, beaked hazelnut

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/ com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features	1	Rare or uncommon features		No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	5	X 5	3	X 3	2	X 1
SCORE	25		9		2	TOTAL
						36

COMMENTS:

e.g., clarifications on assessment, unusual characteristics, invasive species, land use context

Large grove around multi-branched tributary to North Yamhill River. Both upland and riparian communities are present. The understory is well developed.

MANAGEMENT RECOMMENDATIONS:

High priority for protection for diverse natural resource and open space functions. Manage spread of invasive species at edges of site.

City of McMinnville

Tree Grove Assessment Form

SITE#: C4	SIZE: 1.2 ac.	MAP: C4	SCORE: 22
LOCATION: Baker Crest Ct.	FLOODPLAIN: Yes	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak
Secondary Species: English hawthorn
Understory: Himalayan blackberry

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size		2 to <5 acres in size	1	<2 acres in size.
Health General condition and signs of dieback, threats, disturbance		Appears healthy with no visible threats or low disturbance	1	Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	0	X 5	6	X 3	4	X 1
SCORE	0		18		4	TOTAL
						22

COMMENTS:

e.g., clarifications on assessment, unusual characteristics, invasive species, land use context

Small grove on slope above Baker Creek. Himalayan blackberry clearing at street stub. Potential street extension through grove.

MANAGEMENT RECOMMENDATIONS:

Manage invasive species (hawthorn and blackberry).

City of McMinnville

Tree Grove Assessment Form

SITE#: C5	SIZE: 36.5 ac.	MAP: C5	SCORE: 46
LOCATION: Tice Park / Rotary Nature Preserve	FLOODPLAIN: Yes	OBSERVER: ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak, Oregon ash
Secondary Species: Scouler willow, beaked hazelnut, osoberry, bird cherry, Oregon grape, western redcedar, grand fir, Bigleaf maple
Understory: Swordfern, California dewberry, thimbleberry, ornamental laurel, English ivy, common snowberry, Reed canarygrass, Hooker willow, red-osier dogwood, vine maple, Pacific ninebark, red huckleberry, honeysuckle

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/ com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots	1	Unrestricted public access		Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features	1	Rare or uncommon features		No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values	1	Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium		Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	8	X 5	2	X 3	0	X 1
SCORE	40		6		0	TOTAL
						46

COMMENTS:

Diverse forest canopy and understory, extensive wetland complex with braided channels. Ongoing ivy removal; native plantings. Storm damage cleanup underway – numerous broken limbs and downed trees. One of the highest rated groves in the study area.

MANAGEMENT RECOMMENDATIONS:

Continue protection, enhancement, non-native plant removal.

City of McMinnville

Tree Grove Assessment Form

SITE#: C7	SIZE: 6.9 ac.	MAP: C7	SCORE: 26
LOCATION: Grandhaven Dr (south)	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input checked="" type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Oregon ash, black cottonwood
Secondary Species: Oregon oak, Douglas fir, western hemlock,
Understory: English hawthorn, Himalayan blackberry, Hooker willow, Scouler willow, clustered rose, Pacific ninebark
Oceanspray, sword fern, prunus avium, California dewberry, brackenfern, Douglas fir saplings

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more	1	<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance		Appears healthy with no visible threats or low disturbance	1	Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses	1	Between industrial/com. and res./open space land uses		Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	2	X 5	4	X 3	4	X 1
SCORE	10		12		4	TOTAL
						26

COMMENTS:

Riparian corridor with steep sides and sparse tree cover. Buffers Walmart (big box retail) from residential uses. Some connectivity. Douglas fir and western hemlock appear planted. Residential lots appear to extend into the floodplain.

MANAGEMENT RECOMMENDATIONS:

Protect stream and riparian zone.

City of McMinnville

Tree Grove Assessment Form

SITE#: D1	SIZE: 12 ac.	MAP: D1	SCORE: 30
LOCATION: Fox Ridge Rd (west)	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak (viewed from distance)
Secondary Species:
Understory:

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	3	X 5	4	X 3	3	X 1
SCORE	15		12		3	TOTAL
						30

COMMENTS:

Viewed from Fox Ridge Road, with aerial photo-interpretation.

MANAGEMENT RECOMMENDATIONS:

City of McMinnville

Tree Grove Assessment Form

SITE#: D2	SIZE: 2.5 ac.	MAP: D2	SCORE: 26
LOCATION: Fox Ridge Rd (East)	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input checked="" type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Oregon oak (site not visible – viewed on aerial photos)
Secondary Species:
Understory:

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size	1	2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space		Visible from local street or private common open space	1	Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	2	X 5	4	X 3	4	X 1
SCORE	10		12		4	TOTAL
						26

COMMENTS:

Assessed using aerial photo-interpretation.

MANAGEMENT RECOMMENDATIONS:

City of McMinnville

Tree Grove Assessment Form

SITE#: D4 A	SIZE: 5.3 ac.	MAP: D4	SCORE: 34
LOCATION: Michelbrook Country Club (west)	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak
Secondary Species: Oregon ash, bird cherry
Understory: California dewberry, English holly, swordfern, snowberry

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	5	X 5	2	X 3	3	X 1
SCORE	25		6		3	TOTAL
						34

COMMENTS:

Western grove of two units (A and B) separated by golf course fairway. High habitat functions; heavy woodpecker use noted, including acorn and pileated woodpeckers. Nearby wetland corridor improves diversity of ecological niches.

MANAGEMENT RECOMMENDATIONS:

Protect grove for maturity, large patch size, habitat functions. Manage invasive species.

City of McMinnville

Tree Grove Assessment Form

SITE#: D4 B	SIZE: 5.8 ac.	MAPS: D4, E4	SCORE: 34
LOCATION: Michelbrook Country Club (east)	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak Secondary Species: Oregon ash, bird cherry Understory: California dewberry, English holly, swordfern, snowberry

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	5	X 5	2	X 3	3	X 1
SCORE	25		6		3	TOTAL
						34

COMMENTS:

Eastern grove of two units (A and B) separated by golf course fairway. Country Club trails through part of grove. High habitat functions.

MANAGEMENT RECOMMENDATIONS:

Protect grove for maturity, large patch size, habitat functions. Manage invasive species.

City of McMinnville

Tree Grove Assessment Form

SITE#: D7	SIZE: 14 ac.	MAP: C7, D6, D7	SCORE: 40
LOCATION: Wortman Park	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak
Secondary Species: Ponderosa pine, Oregon ash, bigleaf maple, black cottonwood, bird cherry, giant sequoia, western redcedar
Understory: Reed canarygrass, American speedwell, watercress, water-starwort in stream.

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance		Appears healthy with no visible threats or low disturbance	1	Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses	1	Between industrial/com. and res./open space land uses		Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots	1	Unrestricted public access		Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features	1	Rare or uncommon features		No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values	1	Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium		Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)		Partially developed	1	Developed (surrounded/enclosed)
SUB-TOTALS	6	X 5	3	X 3	1	X 1
SCORE	30		9		1	TOTAL
						40

COMMENTS:

A few large diameter firs and redwoods (>60 inches dbh). Stream corridor has little understory; managed.

MANAGEMENT RECOMMENDATIONS:

Plant native understory and riparian shrubs.

City of McMinnville

Tree Grove Assessment Form

SITE#: D8	SIZE: 2.5 ac.	MAP: D8, D9	SCORE: 22
LOCATION: Riverside Dr.	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input checked="" type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Douglas fir Secondary Species: Oregon ash, bird cherry, black cottonwood
Understory: Himalayan blackberry, common snowberry, beaked hazelnut

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more	1	<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size	1	2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance		Appears healthy with no visible threats or low disturbance	1	Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups	1	Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	1	X 5	4	X 3	5	X 1
SCORE	5		12		5	TOTAL
						22

COMMENTS:

Mostly Douglas fir plantation (dense) along south side of stream. Dense stocking will affect long term health. Limited view from Riverside Drive.

MANAGEMENT RECOMMENDATIONS:

Timber management/thinning may avoid future dieback.

City of McMinnville

Tree Grove Assessment Form

SITE#: E1	SIZE: 47.1 ac.	MAP: E1, F1	SCORE: 26
LOCATION: Redmond Hill Road	FLOODPLAIN: No	OBSERVER: ACS / PJQ	DATE: 3/11/2021

TREES
<input type="checkbox"/> Decid. <input checked="" type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Douglas fir
Secondary Species: Oregon oak
Understory: California dewberry

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more	1	<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance		Appears healthy with no visible threats or low disturbance	1	Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	2	X 5	4	X 3	4	X 1
SCORE	10		12		4	TOTAL
						26

COMMENTS:

Various hillside units of young Douglas fir (max 30 years old) plantation. Dense with minimal understory.

MANAGEMENT RECOMMENDATIONS:

Forest thinning may be needed to maintain grove health over time.

City of McMinnville

Tree Grove Assessment Form

SITE#: E2	SIZE: 3.4 ac.	MAP: E2	SCORE: 28
LOCATION: Fox Ridge Rd / Masonic Cemetery	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak
Secondary species:
Understory: could not see from offsite

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size	1	2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	2	X 5	5	X 3	3	X 1
SCORE	10		15		3	TOTAL
						28

COMMENTS:

Mixed grove north of Masonic cemetery. Limited view from Fox Ridge.

MANAGEMENT RECOMMENDATIONS:

City of McMinnville

Tree Grove Assessment Form

SITE#: E3	SIZE: 6.1 ac.	MAP: E3	SCORE: 36
LOCATION: Meadow Drive @ Emerson Way	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input checked="" type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Oregon ash
Secondary species: Black cottonwood
Understory: Hooker willow, slough sedge, reed canarygrass, teasel, Douglas spirea, Himalayan blackberry, California Dewberry, clustered rose, Pacific ninebark, osoberry, American speedwell, red-osier dogwood

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more	1	<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access	1	Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features	1	Rare or uncommon features		No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium	1	Accessibility and Rarity are both medium		Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	4	X 5	5	X 3	1	X 1
SCORE	20		15		1	TOTAL
						36

COMMENTS:

BPA pathway crosses west side of this grove. Ash forested wetland of significant size is rare in City. Follows perennial stream with a diffuse channel. Some connectivity east and west via the wetland corridor.

MANAGEMENT RECOMMENDATIONS:

Tree grove should be priority for protection for high quality habitat and wetland functions.

City of McMinnville

Tree Grove Assessment Form

SITE#: E4	SIZE: 2.3 ac.	MAP: E3, E4	SCORE: 20
LOCATION: Michelbook Country Club	FLOODPLAIN: No	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Black cottonwood; Deodor cedar (planted)
Secondary species: Bird cherry
Understory: Himalayan blackberry, English holly, California dewberry

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more	1	<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size	1	2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses		Between similar land uses	1	No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups	1	Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)		Partially developed	1	Developed (surrounded/enclosed)
SUB-TOTALS	2	X 5	1	X 3	7	X 1
SCORE	10		3		7	TOTAL
						20

COMMENTS:

Linear feature along country club golf course. Planted deodor cedars.

MANAGEMENT RECOMMENDATIONS:

Manage invasive bird cherry.

City of McMinnville

Tree Grove Assessment Form

SITE#: F1	SIZE: 44.7 ac.	MAPS: E1, F1, G1	SCORE: 32
LOCATION: Redmond Hill (west)	FLOODPLAIN: No	OBSERVER: ACS / PJQ	DATE: 3/11/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak
Secondary Species: Bird cherry, English hawthorn, English holly
Understory:

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/ com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	4	X 5	3	X 3	3	X 1
SCORE	20		9		3	TOTAL
						32

COMMENTS:

Mixed fir/oak stand, some larger diameter. Few scattered homes. Understory is partially cleared to grass and herbs. Habitat function is medium due to size and connectivity.

MANAGEMENT RECOMMENDATIONS:

Manage invasive species and restore understory vegetation.

City of McMinnville

Tree Grove Assessment Form

SITE#: F3	SIZE: 7.9 ac.	MAP: F3	SCORE: 32
LOCATION: Quarry Park	FLOODPLAIN: No	OBSERVER: TB	DATE: 4/7/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir
Secondary Species: Giant sequoia, ponderosa pine, western redcedar, bigleaf maple, black cottonwood
Understory: blackberry, geranium, grasses

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance		Appears healthy with no visible threats or low disturbance	1	Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots	1	Unrestricted public access		Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)		Partially developed	1	Developed (surrounded/enclosed)
SUB-TOTALS	4	X 5	3	X 3	3	X 1
SCORE	20		9		3	TOTAL
						32

COMMENTS:

Former quarry site with mixed conifer canopy (planted) with a floor of grasses/geranium. Pines and other conifers are self-seeding in the understory.

MANAGEMENT RECOMMENDATIONS:

Restore and diversify understory vegetation. Manage invasive species.

City of McMinnville

Tree Grove Assessment Form

SITE#: F5	SIZE: 11.1 ac.	MAP: F5	SCORE: 42
LOCATION: City Park	FLOODPLAIN: Yes	OBSERVER: TB / ACS / PJQ	DATE: 3/9/21, 4/7/21

TREES
<input type="checkbox"/> Decid. <input checked="" type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant species: Douglas fir
Secondary species: Bird cherry, Oregon ash, Oregon oak, ornamental pine, black cottonwood, bigleaf maple, western redcedar, coast redwood
Understory: Himalayan blackberry, clustered rose, ornamental laurel, beaked hazelnut, English hawthorn, common snowberry, swordfern

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots	1	Unrestricted public access		Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features	1	Rare or uncommon features		No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values	1	Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium		Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	6	X 5	4	X 3	0	X 1
SCORE	30		12		0	TOTAL
						42

COMMENTS:

Grove is in City Park, along the North branch of Cozine Creek. Large fir and redwood specimens are scattered within the park. Heavy storm damage to trees was noted in March. Cozine Creek has exposed, eroded banks and has undermined some riparian trees and vegetation; bank restoration, native shrub plantings and widened stream buffers would improve stream condition.

MANAGEMENT RECOMMENDATIONS:

Continued management of Himalayan blackberry, English ivy, and other invasive species. Augment understory with native upland and riparian shrub and herbaceous plantings.

City of McMinnville

Tree Grove Assessment Form

SITE#: F6	SIZE: 15.1 ac.	MAP: F6, F7, G6	SCORE: 34
LOCATION: Public Works / Oregon	FLOODPLAIN: Yes	OBSERVER: TB / ACS / PJQ	DATE: 3/9/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant species: Douglas fir, Oregon ash
Secondary species: Black cottonwood, Hooker willow, bird cherry
Understory: Himalayan blackberry, English ivy, swordfern, Pacific ninebark, vine maple, large periwinkle, English holly
beaked hazelnut

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses	1	Between industrial/com. and res./open space land uses		Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	5	X 5	2	X 3	3	X 1
SCORE	25		6		3	TOTAL
						34

COMMENTS:

Grove lies on steep slopes along a riparian corridor. Active wildlife corridor with linkage to Kiwanis/Dancer Park and South Yamhill River corridor. Provides some buffering of nearby uses and Dancer Park from substation.

MANAGEMENT RECOMMENDATIONS:

Areas with wide distribution of invasive species noted. Eroded/exposed banks noted in a few locations. Manage invasives and restore tree and shrub cover on exposed banks.

City of McMinnville

Tree Grove Assessment Form

SITE#: G4	SIZE: 1.5 ac.	MAP: G4	SCORE: 28
LOCATION: Ash Meadows	FLOODPLAIN: No	OBSERVER: ACS / PJQ	DATE: 3/11/2021

TREES
<input checked="" type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Oregon ash
Secondary Species: Western redcedar, bird cherry
Understory: Clustered rose, Hooker willow, Scouler willow, English hawthorn, snowberry

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size		2 to <5 acres in size	1	<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots	1	Unrestricted public access		Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)		Partially developed	1	Developed (surrounded/enclosed)
SUB-TOTALS	3	X 5	3	X 3	4	X 1
SCORE	15		9		4	TOTAL
						28

COMMENTS:

City park. Stream corridor showing evidence of replanting with native species including red flowering currant, clustered rose, Pacific ninebark, tall Oregon grape.

MANAGEMENT RECOMMENDATIONS:

Upstream reach lacks trees and shrubs. Expand replanting area to establish cover upstream.

City of McMinnville

Tree Grove Assessment Form

SITE#: G5	SIZE: 14.75 ac.	MAP: G5, H5	SCORE: 34
LOCATION: Linfield College: Cozine Creek	FLOODPLAIN: Yes	OBSERVER: ACS / PJQ / TB	DATE: 3/11/21, 4/7/21

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Oregon ash, Douglas fir
Secondary Species: Bigleaf maple, bird cherry, Scouler willow, black walnut, western redcedar
Understory: English ivy, vine maple, evergreen huckleberry, osoberry, Himalayan blackberry, California dewberry

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access	1	Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	4	X 5	4	X 3	2	X 1
SCORE	20		12		2	TOTAL
						34

COMMENTS:

Forested banks and floodplain along Cozine Creek. Slope and terrace above floodplain have received some replanting of native and introduced species.

MANAGEMENT RECOMMENDATIONS:

Continue to increase stream cover and manage invasive species.

City of McMinnville

Tree Grove Assessment Form

SITE#: G8	SIZE: 20.3 ac.	MAP: G8, H8, H9	SCORE: 34
LOCATION: Yamhill River branch / Kingwood	FLOODPLAIN: Yes	OBSERVER: ACS / PJQ	DATE: 3/11/2021

TREES
<input type="checkbox"/> Decid. <input checked="" type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Douglas fir Secondary Species: Scouler willow, Hooker willow, bigleaf maple, bird cherry, Oregon ash, grand fir Understory: Oregon grape, swordfern, Himalayan blackberry, California dewberry, English ivy, English hawthorn, beaked hazelnut

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses	1	Between industrial/com. and res./open space land uses		Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	5	X 5	2	X 3	3	X 1
SCORE	25		6		3	TOTAL
						34

COMMENTS:

Extensive corridor along small streams feeding South Yamhill River to north; good buffering.

MANAGEMENT RECOMMENDATIONS:

Continue to protect. Manage invasive species.

City of McMinnville

Tree Grove Assessment Form

SITE#: G9	SIZE: 4.6 ac.	MAP: G9	SCORE: 28
LOCATION: Evergreen Aviation Chapel	FLOODPLAIN: No	OBSERVER: ACS / PJQ	DATE: 3/11/2021

TREES
<input checked="" type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Oregon oak
Secondary Species: Douglas fir
Understory: Lawn grasses

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size	1	2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses	1	Between industrial/com. and res./open space land uses		Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access	1	Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups	1	Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)		Partially developed	1	Developed (surrounded/enclosed)
SUB-TOTALS	3	X 5	3	X 3	4	X 1
SCORE	15		9		4	TOTAL
						28

COMMENTS:

Part of Evergreen Aviation/Waterpark complex. Oak grove with managed grassy area. Developed as a picnic area adjacent to the chapel, next to the Waterpark parking area.

MANAGEMENT RECOMMENDATIONS:

Continue to protect.

City of McMinnville

Tree Grove Assessment Form

SITE#: H4	SIZE: 24.7 ac.	MAPS: H4, I4	SCORE: 34
LOCATION: Tall Oaks/Cozine Creek	FLOODPLAIN: Yes	OBSERVER: ACS / PJQ	DATE: 3/11/2021

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak
Secondary Species: Oregon ash
Understory: English ivy

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access	1	Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	4	X 5	4	X 3	2	X 1
SCORE	20		12		2	TOTAL
						34

COMMENTS:

Mixed grove with Douglas fir and Oregon oak locally dominant. Undeveloped open space – no developed access.

MANAGEMENT RECOMMENDATIONS:

Consider developing access to park; manage invasive species.

City of McMinnville

Tree Grove Assessment Form

SITE#: H5	SIZE: 4.1 ac.	MAP: G5, H5	SCORE: 38
LOCATION: Linfield College: Queen's Grove	FLOODPLAIN: No	OBSERVER: ACS / PJQ /TB	DATE: 3/11/21, 4/7/21

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Oregon oak
Secondary Species: Developed areas of campus have tree overstory with ornamental shrubs, grass understory
Understory: Grasses

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.		>5 acres in size	1	2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access	1	Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value	1	Unique natural or cultural features		Rare or uncommon features		No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values	1	Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium		Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch	1	Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	4	X 5	6	X 3	0	X 1
SCORE	20		18		0	TOTAL
						38

COMMENTS:

Queen's Grove is an open park area with Oregon oak, red oak, with ornamental hardwoods and shrubs and grassed open space.

MANAGEMENT RECOMMENDATIONS:

Continue to manage invasive species at edges of grove.

City of McMinnville

Tree Grove Assessment Form

SITE#: H7	SIZE: 16.5 ac.	MAP: G7, H7	SCORE: 26
LOCATION: Yamhill River extension	FLOODPLAIN: Yes	OBSERVER: ACS / PJQ	DATE: 3/11/2021

TREES
<input type="checkbox"/> Decid. <input checked="" type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Douglas fir
Secondary Species: Oregon ash
Understory: Beaked hazelnut, California dewberry, Himalayan blackberry, cascara buckthorn, swordfern

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more	1	<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value		Visible from arterial street or public park/open space	1	Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses	1	Between industrial/com. and res./open space land uses		Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access		Some physical or legal access limits; or part public, part private land	1	Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size		Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups	1	Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	3	X 5	2	X 3	5	X 1
SCORE	15		6		5	TOTAL
						26

COMMENTS:

Even-aged conifer stand. No large trees – possible plantation. Larger trees are close to achieving 14" dbh.

MANAGEMENT RECOMMENDATIONS:

Not a high priority for preservation except northern part in riparian corridor.

City of McMinnville

Tree Grove Assessment Form

SITE#: I3	SIZE: 29.5 ac.	MAP: I3, I4, J3, J4	SCORE: 42
LOCATION: Barber Open Space / Grange	FLOODPLAIN: Yes	OBSERVER: ACS / PJQ	DATE: 3/11/2021

TREES
<input type="checkbox"/> Decid. <input checked="" type="checkbox"/> Evergreen <input type="checkbox"/> Mixed Dominant Species: Douglas fir
Secondary Species: Oregon ash, Scouler willow, bigleaf maple, bird cherry, black cottonwood, Pacific willow, Oregon oak, grand fir, Hooker willow
Understory: Osoberry, English ivy, English holly, snowberry, tall Oregon grape, California dewberry, beaked hazelnut
Swordfern, vine maple

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace	1	>50% of trees have dbh of 14" or more		25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses	1	Between industrial/com. and res./open space land uses		Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots		Unrestricted public access	1	Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features	1	Rare or uncommon features		No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium	1	Accessibility and Rarity are both medium		Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development		Undeveloped (<1 unit per acre)	1	Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	6	X 5	4	X 3	0	X 1
SCORE	30		12		0	TOTAL
						42

COMMENTS:

Uplands predominantly coniferous, grading to hardwood in floodplain. Diverse wetland complex at confluence of Cozine Creek and south tributary. Scattered oaks. Grove of large Douglas fir, very robust and tall.

MANAGEMENT RECOMMENDATIONS:

Build on open space protection at Barber. Manage invasive species.

City of McMinnville

Tree Grove Assessment Form

SITE#: I9	SIZE: 45 ac.	MAP: I8, I9, J8, J9	SCORE: 38
LOCATION: Airport Park	FLOODPLAIN: Yes	OBSERVER: ACS / PJQ / TB	DATE: 3/11/21, 4/7/21

TREES
<input type="checkbox"/> Decid. <input type="checkbox"/> Evergreen <input checked="" type="checkbox"/> Mixed Dominant Species: Douglas fir, Oregon oak, bigleaf maple
Secondary Species: grand fir, red alder
Understory: Beaked hazelnut, English hawthorn, snowberry, tall Oregon grape, California dewberry, Himalayan blackberry, eglantine rose, English holly, reed canarygrass, Hooker willow

FUNCTION/CHARACTERISTIC		HIGH		MEDIUM		LOW
Tree size/Grove maturity Scenic and habitat values increase with age; mature trees are difficult to replace		>50% of trees have dbh of 14" or more	1	25-50% of trees have dbh of 14" or more		<25% of trees have dbh of 14" or more
Grove size Vitality, resilience of grove generally increases with size.	1	>5 acres in size		2 to <5 acres in size		<2 acres in size.
Health General condition and signs of dieback, threats, disturbance	1	Appears healthy with no visible threats or low disturbance		Some dieback or potential threats		Extensive dieback or high disturbance
Visibility Groves that are clearly visible from larger streets or public lands have greater value	1	Visible from arterial street or public park/open space		Visible from local street or private common open space		Not visible from street or open space
Screening/Buffering Groves may serve as land use buffers, depending on size, location, nearby uses		Between industrial/com. and res./open space land uses	1	Between similar land uses		No (or very limited) buffer function
Accessibility Greater access provides more opportunity for public use; but inappropriate on private lots	1	Unrestricted public access		Some physical or legal access limits; or part public, part private land		Privately owned or inaccessible
Rarity Unusual features (e.g., large grove or tree size, or rare species) or historical value		Unique natural or cultural features		Rare or uncommon features	1	No uncommon features
Educational/Recreational Potential Accessible groves with unusual features offer recreational and/or education values		Accessibility and Rarity are high or medium		Accessibility and Rarity are both medium	1	Accessibility or Rarity are low
Wildlife Habitat Habitat functions for terrestrial species, connectivity, diversity, patch size	1	Diverse structure or species mix; high connectivity; lg. patch		Good source of food, cover, and territory for some wildlife groups		Few habitat functions with no or minimal habitat connectivity
Existing Development Groves with development	1	Undeveloped (<1 unit per acre)		Partially developed		Developed (surrounded/enclosed)
SUB-TOTALS	6	X 5	2	X 3	2	X 1
SCORE	30		6		2	TOTAL
						38

COMMENTS:

Relatively undeveloped forested park with trail system bordered by farm fields and an airport runway. Grove follows a tributary to South Yamhill River, with streamside scrub-shrub and forested wetlands. Grove has a diverse plant community and well developed, multi-layered understory.

MANAGEMENT RECOMMENDATIONS:

Maintain the health and diversity of native plants through invasive species management.