

Arborist Report

To: HBB Landscape Architecture c/o Aaron Luoma

Site: Port of Seattle Industrial Wastewater Treatment Plan – AGB Site
SeaTac, WA 98148

Parcels: 3223049306, 3223049021, 3223049286, 3223049313, 3223049314,
3223049315, 3223049263, 3223049303, 3223049034, 3223049304,
3223049033

Re: Tree Inventory and Assessment

Date: June 16, 2025

Project Arborist: Tyler Bunton
ISA Certified Arborist PN-8715A, ISA Qualified Tree Risk Assessor
Lindsay Osborn
ISA Certified Arborist PN-10281A

Reviewed By: Sean Dugan, Registered Consulting Arborist #457
ISA Certified Arborist PN-5459B, ISA Qualified Tree Risk Assessor

Referenced Documents: Port of Seattle Resolution No. 3821, SEA Tree Replacement Standards and
Land Stewardship Plan

Attached: Table of Trees, Tree Site Map

Summary

We inventoried and assessed 181 trees at the above referenced site on May 21, 2025 and June 12, 2025. We also assessed 49 trees in the adjacent right-of-way (ROW) and private property, which may be impacted by site work.

Assignment and Scope of Work

This report outlines the site inspection by Tyler Bunton and Lindsay Osborn, of Tree Solutions Inc., on May 21, 2025, and June 12, 2025. We were asked to visit the site and assess all trees 6 inches diameter at standard height (DSH) on-site. We were asked to produce an Arborist Report documenting our findings and management recommendations. Aaron Luoma of HBB Landscape Architecture requested these services to aid in project planning.

Observations and Discussion

Site

The site consists of ten parcels south of the west SeaTac Airport runway and is located within the Airport Activities Area. Concrete pads and paved parking areas remain from when buildings on-site were

demolished. Much of the site has invasive species establishing including Himalayan blackberry (*Rubus bifrons*), invasive ivy (*Hedera* sp.), and tansy ragwort (*Jacobaea vulgaris*).

Trees

Trees on-site are primarily either remaining landscape plantings which were around the previous buildings or red alders (*Alnus rubra*) or black cottonwoods (*Populus trichocarpa*) that have seeded into the area.

Tree 470 is a western redcedar (*Thuja plicata*) tree with a DSH of 31.8 inches in good health and structural condition. This tree could be considered a high-value tree due to its size and species. Tree 447 also meets the size threshold for a high-value tree; however, it is a black cottonwood that has failed at the base.

I have attached an aerial photograph of the site to serve as the site map and a table of trees that has detailed information about each tree.

Discussion—Construction Impacts

This report is preliminary as we have not reviewed design or construction plans for this area. Port of Seattle tree replacement requirements are discussed below to aid in project planning.

Port of Seattle Resolution 3821 outlines tree retention and replacement requirements within the Airport Activity Area. Port of Seattle Resolution 3821 requires all existing trees be retained to the extent practicable. If a regulated tree¹ is cleared it must be replaced at a 4:1 ratio. Individual replacement credits can be achieved through tree planting, removing 200 square feet of invasive vegetation from an off-site location and replanting with native vegetation, protecting one regulated tree within the development footprint, or protecting one high-value off-site tree from invasive threats.

Tree protection areas for all trees are provided in the attached Table of Trees and are defined as 10 times trunk diameter or 6 feet, whichever is greater.

Recommendations

- Replace all removed regulated trees as required by Port of Seattle Resolution 3821.

Respectfully submitted,



Tyler Bunton,
Senior Consulting Arborist

¹ Regulated trees are trees 6-inches diameter at standard height or greater, or any tree planted by design as part of landscaping for existing development.

Appendix A **Glossary**

codominant stems: stems or branches of nearly equal diameter, often weakly attached (Matheny *et al.* 1998)

crown: the aboveground portions of a tree (Lilly 2001)

included bark: bark that becomes embedded in a crotch between branch and trunk or between codominant stems and causes a weak structure (Lilly 2001)

Visual Tree Assessment (VTA): method of evaluating structural defects and stability in trees by noting the pattern of growth (Mattheck & Breloer 1994)

Appendix B References

Lilly, Sharon. Arborists' Certification Study Guide. Champaign, IL: The International Society of Arboriculture, 2001.

Matheny, Nelda and James R. Clark. Trees and Development: A Technical Guide to Preservation of Trees During Land Development. Champaign, IL: International Society of Arboriculture, 1998.

Mattheck, Claus and Helge Breloer, The Body Language of Trees.: A Handbook for Failure Analysis. London: HMSO, 1994.

Appendix C Photographs



Photo 1. Photo showing the typical conditions on-site. There were many small red alders and black cottonwoods growing throughout the area as shown on the left of the photo.



Photo 2. Photo showing some of the area covered with mature invasive Himalayan blackberry.

Appendix D Assumptions & Limiting Conditions

- 1 Consultant assumes that the site and its use do not violate, and is in compliance with, all applicable codes, ordinances, statutes or regulations.
- 2 The consultant may provide a report or recommendation based on published municipal regulations. The consultant assumes that the municipal regulations published on the date of the report are current municipal regulations and assumes no obligation related to unpublished city regulation information.
- 3 Any report by the consultant and any values expressed therein represent the opinion of the consultant, and the consultant's fee is in no way contingent upon the reporting of a specific value, a stipulated result, the occurrence of a subsequent event, or upon any finding to be reported.
- 4 All photographs included in this report were taken by Tree Solutions, Inc. during the documented site visit, unless otherwise noted. Sketches, drawings and photographs (included in, and attached to, this report) are intended as visual aids and are not necessarily to scale. They should not be construed as engineering drawings, architectural reports or surveys. The reproduction of any information generated by architects, engineers or other consultants and any sketches, drawings or photographs is for the express purpose of coordination and ease of reference only. Inclusion of such information on any drawings or other documents does not constitute a representation by the consultant as to the sufficiency or accuracy of the information.
- 5 Unless otherwise agreed, (1) information contained in any report by consultant covers only the items examined and reflects the condition of those items at the time of inspection; and (2) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, climbing, or coring.
- 6 These findings are based on the observations and opinions of the authoring arborist, and do not provide guarantees regarding the future performance, health, vigor, structural stability or safety of the plants described and assessed.
- 7 Measurements are subject to typical margins of error, considering the oval or asymmetrical cross-section of most trunks and canopies.
- 8 Tree Solutions did not review any reports or perform any tests related to the soil located on the subject property unless outlined in the scope of services. Tree Solutions staff are not and do not claim to be soils experts. An independent inventory and evaluation of the site's soil should be obtained by a qualified professional if an additional understanding of the site's characteristics is needed to make an informed decision.
- 9 Our assessments are made in conformity with acceptable evaluation/diagnostic reporting techniques and procedures, as recommended by the International Society of Arboriculture.

Appendix E Methods

Measuring

We measured the diameter of each tree at 54 inches above grade, diameter at standard height (DSH). If a tree had multiple stems, we measured each stem individually at standard height and determined a single-stem equivalent diameter by using the method outlined in the Guide for Plant Appraisal, 10th Edition Second Printing published by the Council of Tree and Landscape Appraisers. A tree is regulated based on this single-stem equivalent diameter value.

Tagging

We tagged each tree with a circular aluminum tag at eye level. We assigned each tree a numerical identifier on our map and in our tree table, corresponding to this tree tag. We used alphabetical identifiers for trees off-site.

Evaluating

We evaluated tree health and structure utilizing visual tree assessment (VTA) methods. The basis behind VTA is the identification of symptoms, which the tree produces in reaction to a weak spot or area of mechanical stress. A tree reacts to mechanical and physiological stresses by growing more vigorously to re-enforce weak areas, while depriving less stressed parts. An understanding of the uniform stress allows the arborist to make informed judgments about the condition of a tree.

Rating

When rating tree health, we took into consideration crown indicators such as foliar density, size, color, stem and shoot extensions. When rating tree structure, we evaluated the tree for form and structural defects, including past damage and decay. Tree Solutions has adapted our ratings based on the Purdue University Extension formula values for health condition (*Purdue University Extension bulletin FNR-473-W - Tree Appraisal*). These values are a general representation used to assist arborists in assigning ratings.

Health

Excellent - Perfect specimen with excellent form and vigor, well-balanced crown. Normal to exceeding shoot length on new growth. Leaf size and color normal. Trunk is sound and solid. Root zone undisturbed. No apparent pest problems. Long safe useful life expectancy for the species.

Good - Imperfect canopy density in few parts of the tree, up to 10% of the canopy. Normal to less than ¾ typical growth rate of shoots and minor deficiency in typical leaf development. Few pest issues or damage, and if they exist they are controllable or tree is reacting appropriately. Normal branch and stem development with healthy growth. Safe useful life expectancy typical for the species.

Fair - Crown decline and dieback up to 30% of the canopy. Leaf color is somewhat chlorotic/necrotic with smaller leaves and “off” coloration. Shoot extensions indicate some stunting and stressed growing conditions. Stress cone crop clearly visible. Obvious signs of pest problems contributing to lesser condition, control might be possible. Some decay areas found in main stem and branches. Below average safe useful life expectancy

Poor - Lacking full crown, more than 50% decline and dieback, especially affecting larger branches. Stunting of shoots is obvious with little evidence of growth on smaller stems. Leaf size and color reveals overall stress in the plant. Insect or disease infestation may be severe and uncontrollable. Extensive decay or hollows in branches and trunk. Short safe useful life expectancy.

Structure

Excellent - Root plate undisturbed and clear of any obstructions. Trunk flare has normal development. No visible trunk defects or cavities. Branch spacing/structure and attachments are free of any defects.

Good - Root plate appears normal, with only minor damage. Possible signs of root dysfunction around trunk flare. Minor trunk defects from previous injury, with good closure and less than 25% of bark section missing. Good branch habit; minor dieback with some signs of previous pruning. Codominant stem formation may be present, requiring minor corrections.

Fair - Root plate reveals previous damage or disturbance. Dysfunctional roots may be visible around the main stem. Evidence of trunk damage or cavities, with decay or defects present and less than 30% of bark sections missing on trunk. Co-dominant stems are present. Branching habit and attachments indicate poor pruning or damage, which requires moderate corrections.

Poor - Root plate disturbance and defects indicate major damage, with girdling roots around the trunk flare. Trunk reveals more than 50% of bark section missing. Branch structure has poor attachments, with several structurally important branches dead or broken. Canopy reveals signs of damage or previous topping or lion-tailing, with major corrective action required.

Appendix F Tree Protection Specifications

The following is a list of protection measures that must be employed before, during and after construction to ensure the long-term viability of retained trees.

1. **Project Arborist:** The project arborists shall at minimum have an International Society of Arboriculture (ISA) Certification and ISA Tree Risk Assessment Qualification.
2. **Tree Protection Area (TPA):** We have provided a TPA for each inventoried tree. TPAs are calculated as 10 times trunk diameter or 6 feet, whichever is greater.
3. **Tree Protection Fencing:** Tree protection shall consist of 6-foot chain-link fencing installed at the TPA as approved by the project arborist. Fence posts shall be anchored into the ground or bolted to existing hardscape surfaces.
 - a. Where trees are being retained as a group the fencing shall encompass the entire area including all landscape beds or lawn areas associated with the grove.
 - b. Per arborist approval, TPA fencing may be placed at the edge of existing hardscape within the TPA to allow for staging and traffic.
 - c. Where work is planned within the TPA, install fencing at edge of TPA and move to limits of disturbance at the time that the work within the TPA is planned to occur. This ensures that work within the TPA is completed to specification.
 - d. Where trees are protected at the edge of the project boundary, construction limits fencing shall be incorporated as the boundary of tree protection fencing.
4. **Access Beyond Tree Protection Fencing:** In areas where work such as installation of utilities is required within the TPA, a locking gate will be installed in the fencing to facilitate access. The project manager or project arborist shall be present when tree protection areas are accessed.
5. **Tree Protection Signage:** Tree protection signage shall be affixed to fencing every 20 feet. Signage shall be fluorescent, at least 2' x 2' in size. Signage will note: "Tree Protection Area – Do Not Enter: Entry into the tree protection area is prohibited unless authorized by the project manager." Signage shall include the contact information for the project manager and instructions for gaining access to the area.
6. **Filter / Silt Fencing:** Filter / silt fencing within the TPA of retained trees shall be installed in a manner that does not sever roots. Install so that filter / silt fencing sits on the ground and is weighed in place by sandbags or gravel. Do not trench to insert filter / silt fencing into the ground.
7. **Monitoring:** The project arborist shall monitor all ground disturbance at the edge of or within the TPA, including where the TPA extends beyond the tree protection fencing.
8. **Soil Protection:** No parking, foot traffic, materials storage, or dumping (including excavated soils) are allowed within the TPA. Heavy machinery shall remain outside of the TPA. Access to the tree protection area will be granted under the supervision of the project arborist. If project arborist allows, heavy machinery can enter the area if soils are protected from the load. Acceptable methods of soil protection include applying 3/4-inch plywood over 4 to 6 inches of wood chip mulch or use of AlturnaMats® (or equivalent product approved by the project arborist). Retain existing paved surfaces within or at the edge of the TPA for as long as possible.
9. **Soil Remediation:** Soil compacted within the TPA of retained trees shall be remediated using pneumatic air excavation according to a specification produced by the project arborist.
10. **Canopy Protection:** Where fencing is installed at the limits of disturbance within the TPA, canopy management (pruning or tying back) shall be conducted to ensure that vehicular traffic does not damage canopy parts. Exhaust from machinery shall be located five feet outside the dripline of retained trees. No exhaust shall come in contact with foliage for prolonged periods of time.

11. **Duff/Mulch:** Apply 6 inches of arborist wood chip mulch or hog fuel over bare soil within the TPA to prevent compaction and evaporation. TPA shall be free of invasive weeds to facilitate mulch application. Keep mulch 1 foot away from the base of trees and 6 inches from retained understory vegetation. Retain and protect as much of the existing duff and understory vegetation as possible.
12. **Excavation:** Excavation done at the edge of or within the TPA shall use alternative methods such as pneumatic air excavation or hand digging. If heavy machinery is used, use flat front buckets with the project arborist spotting for roots. When roots are encountered, stop excavation and cleanly sever roots. The project arborist shall monitor all excavation done within the TPA.
13. **Fill:** Limit fill to 1 foot of uncompacted well-draining soil, within the TPA of retained trees. In areas where additional fill is required, consult with the project arborist. Fill must be kept at least 1 foot from the trunks of trees.
14. **Root Pruning:** Limit root pruning to the extent possible. All roots shall be pruned with a sharp saw making clean cuts. Do not fracture or break roots with excavation equipment.
15. **Root Moisture:** Root cuts and exposed roots shall be immediately covered with soil, mulch, or clear polyethylene sheeting and kept moist. Water to maintain moist condition until the area is back filled. Do not allow exposed roots to dry out before replacing permanent back fill.
16. **Hardscape Removal:** Retain hardscape surfaces for as long as practical. Remove hardscape in a manner that does not require machinery to traverse newly exposed soil within the TPA. Where equipment must traverse the newly exposed soil, apply soil protection as described in section 8. Replace fencing at edge of TPA if soil exposed by hardscape removal will remain for greater than 8 hours.
17. **Tree Removal:** All trees to be removed that are located within the TPA of retained trees shall not be ripped, pulled, or pushed over. The tree should be cut to the base and the stump either left in place or ground out. A flat front bucket can also be used to sever roots around all sides of the stump, or the roots can be exposed using hydro or air excavation and then cut before removing the stump.
18. **Irrigation:** Retained trees with soil disturbance within the TPA will require supplemental water from June through September. Acceptable methods of irrigation include drip, sprinkler, or watering truck. Trees shall be watered three times per month during this time.
19. **Pruning:** Pruning required for construction and safety clearance shall be done with a pruning specification provided by the project arborist in accordance with American National Standards Institute ANSI-A300 2017 Standard Practices for Pruning. Pruning shall be conducted or monitored by an arborist with an ISA Certification.
20. **Plan Updates:** All plan updates or field modification that result in impacts within the TPA or change the retained status of trees shall be reviewed by the senior project manager and project arborist prior to conducting the work.
21. **Materials:** Contractor shall have the following materials onsite and available for use during work in the TPZ:
 - Sharp and clean bypass hand pruners
 - Sharp and clean bypass loppers
 - Sharp hand-held root saw
 - Reciprocating saw with new blades
 - Shovels
 - Trowels
 - Clear polyethylene sheeting
 - Burlap
 - Water

Table of Trees

POS SEA IWTP AGP Site SeaTac, WA

Arborist: TB, LO
Date of Inventory: 5/21/25, 6/12/25
Table Prepared: 6/18/25

DSH (Diameter at Standard Height) is measured 4.5 feet above grade, or as specified in the Guide for Plant Appraisal, 10th Edition, published by the Council of Tree and Landscape Appraisers.
Multi stem measurements are listed under DSH Multistem. The value listed under the DSH column for these trees is a single stem equivalent calculated using the method defined in the Guide for Plant Appraisal, 10th Edition.
Letters are used to identify trees on neighboring property with overhanging canopies.
Tree Protection Area (TPA) is 10 times trunk diameter, but no smaller than 6 feet.
Tree Longitude and Latitude accuracy is approximately 3 meters.
Dripline is measured from the center of the tree to the outermost extent of the canopy.

Tree ID	Scientific Name	Common Name	DSH (in)	DSH Multistem	Health Condition	Structural Condition	Dripline Radius (ft)	TPA (ft)	Notes	Longitude	Latitude
401	<i>Populus trichocarpa</i>	Black cottonwood	10.8	5.8, 6.1, 6.8	Excellent	Good	13.5	9	Multistem at base; wound in west trunk north side at 4 feet	1273016.56913267	161536.491319596
402	<i>Populus trichocarpa</i>	Black cottonwood	6.9		Excellent	Good	11.3	6	Growing through asphalt	1273052.93499477	161535.258134088
403	<i>Populus trichocarpa</i>	Black cottonwood	11.9	8.1, 8.2, 3	Excellent	Fair	9.5	10	Codominant at 1 foot with included bark	1273054.30022470	161538.833703125
404	<i>Populus trichocarpa</i>	Black cottonwood	14.3	4.6, 5.9, 5.4, 5.5, 6, 3, 3, 6	Excellent	Fair	16.6	12	Multistem at base	1273051.68718874	161544.282865509
405	<i>Populus trichocarpa</i>	Black cottonwood	7.5	4.8, 4.9, 3	Excellent	Good	12.3	6		1273049.37067298	161549.160093788
406	<i>Populus trichocarpa</i>	Black cottonwood	7.6		Excellent	Good	13.3	6		1273054.63290703	161549.231948047
407	<i>Populus trichocarpa</i>	Black cottonwood	7.8	5.2, 5, 3	Excellent	Good	11.3	7		1273051.01355359	161554.770797911
408	<i>Populus trichocarpa</i>	Black cottonwood	13.8	10, 9.5	Excellent	Fair	16.6	11	Codominant at 1 foot with included bark	1273059.66049021	161670.656844759
409	<i>Populus trichocarpa</i>	Black cottonwood	15.1	3, 3, 8, 6.5, 6, 6, 4, 4	Excellent	Good	14.6	13		1273079.47836202	161761.750830408
410	<i>Populus trichocarpa</i>	Black cottonwood	10.1	6, 4, 5, 3, 4	Excellent	Fair	14.4	8		1273082.50180300	161782.017628874
411	<i>Populus trichocarpa</i>	Black cottonwood	7.7	5.4, 5.5	Excellent	Good	14.3	6		1273082.15138025	161795.877141335
412	<i>Populus trichocarpa</i>	Black cottonwood	10.4	6.5, 3, 4.5, 6	Excellent	Good	16.4	9		1273085.37377198	161825.974160884
413	<i>Populus trichocarpa</i>	Black cottonwood	7.8	5, 5, 3.2	Excellent	Good	12.3	6		1273079.43270849	161830.986851288
414	<i>Pinus contorta</i> 'contorta'	Shore pine	7.8		Good	Good	12.3	6		1273081.31562177	161852.524372886
415	<i>Pinus sylvestris</i>	Scot's pine	19.5		Good	Fair	20.8	16	Subdominant trunk at 10 feet on north side	1273064.38208906	161856.282605256
416	<i>Ulmus sp.</i>	Elm	7.1	6.4, 3.1	Good	Good	11.3	6		1273059.89099851	161852.860284595
417	<i>Pinus sylvestris</i>	Scot's pine	10.0		Fair	Poor	25.4	8	Failed at base to north	1273055.71906009	161854.258729117
418	<i>Betula pendula</i>	European white birch	9.9		Poor	Poor	6.4	8	Nearly dead, large wounds on trunk	1273027.12380956	161858.013175558
419	<i>Ulmus sp.</i>	Elm	6.5		Good	Good	10.3	6		1272811.29908905	161853.487579015
420	<i>Ulmus sp.</i>	Elm	10.3	6, 4, 4, 6.2	Good	Good	10.4	9		1272786.44641244	161857.665183968
421	<i>Populus trichocarpa</i>	Black cottonwood	14.8	9, 11, 4	Excellent	Fair	12.6	12	Multistem at base with narrow unions	1272772.08405015	161878.436414365
422	<i>Populus trichocarpa</i>	Black cottonwood	7.1	6.2, 3.5	Excellent	Good	10.3	6		1272791.96836028	161871.401979049
423	<i>Populus trichocarpa</i>	Black cottonwood	9.6	5.6, 5.7, 5.4	Excellent	Good	12.4	8		1272798.94099399	161871.172490992
424	<i>Populus trichocarpa</i>	Black cottonwood	12.7	8, 7.6, 6.2	Excellent	Good	12.5	11		1272797.87235039	161879.183595473
425	<i>Betula pendula</i>	European white birch	6.4	5, 4	Fair	Poor	10.3	6	Large wounds on trunks; upper crown dieback; likely bronze birch borer	1273095.06059775	161927.616305227
426	<i>Populus trichocarpa</i>	Black cottonwood	13.6	4.8, 5.9, 9.4, 3.8, 3.5, 3.5	Excellent	Fair	14.6	11	Multistem at base with narrow unions	1273095.05352878	162041.533253269
427	<i>Populus trichocarpa</i>	Black cottonwood	15.5	7.3, 9, 9, 4, 3	Excellent	Fair	15.6	13	Multistem at base with narrow unions	1273092.62064121	162058.301422997
428	<i>Populus trichocarpa</i>	Black cottonwood	17.1	7.5, 8.5, 10, 8	Excellent	Fair	15.7	14	Multistem at base with narrow unions	1273106.78697237	162060.145095407
429	<i>Populus trichocarpa</i>	Black cottonwood	8.9		Excellent	Good	6.4	7		1273104.94785334	162062.192854258
430	<i>Populus trichocarpa</i>	Black cottonwood	14.6	11.6, 8, 4	Excellent	Good	15.6	12		1273102.25389288	162066.313946272
431	<i>Populus trichocarpa</i>	Black cottonwood	7.3	6.2, 3.8	Excellent	Good	16.3	6		1273105.70762852	162067.411425501
432	<i>Populus trichocarpa</i>	Black cottonwood	9.3	5.5, 7.5	Excellent	Good	14.4	8		1273107.98683009	162064.487703859
433	<i>Populus trichocarpa</i>	Black cottonwood	10.3	5.1, 5.1, 7.3	Excellent	Fair	11.4	9		1272814.55306265	162205.022336549
434	<i>Populus trichocarpa</i>	Black cottonwood	13.1	6.1, 6, 7.5, 6.4	Excellent	Good	18.5	11		1272779.71851043	162263.219922329
435	<i>Populus trichocarpa</i>	Black cottonwood	7.8		Excellent	Good	15.3	7		1273008.09165949	162303.459682360

Table of Trees

POS SEA IWTP AGP Site SeaTac, WA

Arborist: TB, LO
Date of Inventory: 5/21/25, 6/12/25
Table Prepared: 6/18/25

Tree ID	Scientific Name	Common Name	DSH (in)	DSH Multistem	Health Condition	Structural Condition	Dripline Radius (ft)	TPA (ft)	Notes	Longitude	Latitude
436	<i>Populus trichocarpa</i>	Black cottonwood	16.6	10.8, 5.3, 7, 9	Excellent	Good	18.7	14		1273023.42354941	162301.802493169
437	<i>Populus trichocarpa</i>	Black cottonwood	6.0		Excellent	Excellent	15.3	6		1273028.22913122	162300.103651445
438	<i>Populus trichocarpa</i>	Black cottonwood	9.9	7, 7	Excellent	Good	14.4	8		1273035.62541092	162299.814644332
439	<i>Populus trichocarpa</i>	Black cottonwood	10.0		Excellent	Good	14.4	8	Not tagged, DSH estimated, no access due to blackberry	1273046.89793997	162309.616352356
440	<i>Populus trichocarpa</i>	Black cottonwood	7.0		Excellent	Good	12.3	6	DSH estimated, not tagged, no access due to blackberry	1273051.53423958	162307.326659861
441	<i>Populus trichocarpa</i>	Black cottonwood	8.1	5.4, 6	Excellent	Good	11.3	7		1273057.26340001	162296.778632023
442	<i>Populus trichocarpa</i>	Black cottonwood	11.8	6.5, 9, 4	Excellent	Good	15.5	10		1273079.59889476	162303.179740813
443	<i>Populus trichocarpa</i>	Black cottonwood	13.0		Excellent	Good	18.5	11		1273085.69195145	162301.039748827
444	<i>Populus trichocarpa</i>	Black cottonwood	12.4		Excellent	Good	18.5	10		1273088.03702266	162304.714212135
445	<i>Prunus emarginata</i> var. <i>mollis</i>	Bitter cherry	6.0		Poor	Poor	9.3	6	One trunk of multistem tree alive	1273068.34063940	162307.454467285
446	<i>Populus trichocarpa</i>	Black cottonwood	28.0		Good	Poor	21.2	23	Failed at base; 6 vertical branches growing from trunk and root ball up to 15 inches diameter	1273101.00731090	162302.110587502
447	<i>Populus trichocarpa</i>	Black cottonwood	32.0		Good	Poor	21.3	27	Failed at base with 5 vertical branches growing off trunk and root ball	1273109.29920330	162302.415970179
448	<i>Arbutus menziesii</i>	Pacific madrone	6.7	5.4, 3.9	Excellent	Good	10.3	6		1273135.03611620	162301.268020893
449	<i>Arbutus menziesii</i>	Pacific madrone	6.2		Excellent	Excellent	10.3	6		1273139.10647906	162302.332759399
450	<i>Arbutus menziesii</i>	Pacific madrone	6.5		Excellent	Excellent	6.3	6		1273139.68064579	162305.215375435
451	<i>Populus trichocarpa</i>	Black cottonwood	6.8		Excellent	Good	10.3	6		1273148.48143711	162305.146283679
452	<i>Populus trichocarpa</i>	Black cottonwood	7.8		Excellent	Good	15.3	7		1273152.44951203	162294.911798827
453	<i>Populus trichocarpa</i>	Black cottonwood	10.0	6, 8	Good	Fair	11.4	8		1273245.62917099	162244.629541905
454	<i>Populus trichocarpa</i>	Black cottonwood	6.0		Good	Fair	14.3	6	Enveloping railing	1273486.34542523	162089.602234788
455	<i>Populus trichocarpa</i>	Black cottonwood	23.3	17, 16	Excellent	Fair	20.0	19	At top of retaining wall; enveloped hand rail	1273232.36585942	162292.493241688
456	<i>Populus trichocarpa</i>	Black cottonwood	28.0		Excellent	Good	27.2	23	Swept base to south	1273284.56071377	162299.174579054
457	<i>Populus trichocarpa</i>	Black cottonwood	6.0	5.2, 3	Excellent	Good	13.3	6		1273291.30056171	162290.696544593
458	<i>Populus trichocarpa</i>	Black cottonwood	6.9		Excellent	Good	10.3	6		1272934.65705511	162328.004002506
459	<i>Populus trichocarpa</i>	Black cottonwood	24.3	18, 12, 11	Excellent	Good	16.0	20		1272927.28339347	162332.725475942
460	<i>Tsuga heterophylla</i>	Western hemlock	13.3		Fair	Good	11.6	11	Sparse crown; slow growth	1272815.36963250	162354.650288183
461	<i>Populus trichocarpa</i>	Black cottonwood	8.2		Excellent	Excellent	12.3	7		1272981.62837532	162462.270009373
462	<i>Populus trichocarpa</i>	Black cottonwood	20.2	10.9, 8, 8, 9.5, 6, 6	Excellent	Fair	14.8	17		1273043.01380296	162464.672310957
463	<i>Populus trichocarpa</i>	Black cottonwood	17.0	9.4, 10.4, 9.6	Excellent	Good	13.7	14		1273074.70428467	162592.876221649
464	<i>Populus trichocarpa</i>	Black cottonwood	10.5	6, 6.5, 5.7	Excellent	Good	16.4	9		1273075.53662458	162586.709973581
465	<i>Thuja plicata</i>	Western redcedar	16.2	15, 6	Poor	Fair	12.7	13	Dead above 20 feet	1273168.59905041	162442.769038119
466	<i>Thuja plicata</i>	Western redcedar	9.0		Poor	Fair	10.4	8	Dead above 15 feet	1273165.36730966	162442.790215164
467	<i>Populus trichocarpa</i>	Black cottonwood	10.4	5.5, 4.8, 5.4, 4, 3	Excellent	Fair	14.4	9		1273167.05950444	162387.326798588
468	<i>Populus trichocarpa</i>	Black cottonwood	6.0		Excellent	Good	16.3	6		1273163.75858452	162348.051661009
469	<i>Populus trichocarpa</i>	Black cottonwood	17.2	9.8, 10, 10	Excellent	Good	14.7	14		1273163.68534345	162342.524415472
470	<i>Thuja plicata</i>	Western redcedar	31.8		Good	Good	18.3	26		1273199.51993374	162310.349968824
471	<i>Populus trichocarpa</i>	Black cottonwood	6.4	5.5, 3.2	Excellent	Good	11.3	6		1273247.70773236	162432.793096028
472	<i>Populus trichocarpa</i>	Black cottonwood	13.9	8, 11, 3	Excellent	Fair	14.6	12		1273247.28259200	162438.607253757
473	<i>Populus trichocarpa</i>	Black cottonwood	15.8	8, 8.3, 4, 4.5, 5, 5.5, 5	Excellent	Good	15.7	13		1273249.22576228	162465.299794089
474	<i>Populus trichocarpa</i>	Black cottonwood	8.0		Poor	Fair	10.3	7	Dead above 10 feet	1273228.17168667	162482.106509131
475	<i>Populus trichocarpa</i>	Black cottonwood	9.3	5, 6, 5	Excellent	Fair	13.4	8		1273319.35257185	162406.549035327
476	<i>Populus trichocarpa</i>	Black cottonwood	8.7	5.5, 6.8	Excellent	Good	12.4	7		1273326.73335834	162403.670476952
477	<i>Populus trichocarpa</i>	Black cottonwood	6.9		Excellent	Good	14.3	6		1273324.51156842	162401.439468444
478	<i>Populus trichocarpa</i>	Black cottonwood	8.6	4.8, 6, 3.8	Good	Fair	17.4	7		1273324.91624414	162397.319382045
479	<i>Populus trichocarpa</i>	Black cottonwood	6.0		Good	Good	10.3	6		1273323.74245408	162395.040681169
480	<i>Populus trichocarpa</i>	Black cottonwood	6.4		Excellent	Good	6.3	6		1273328.06548587	162395.948505897
481	<i>Populus trichocarpa</i>	Black cottonwood	7.9		Excellent	Good	11.3	7		1273333.14870882	162397.958977685
482	<i>Populus trichocarpa</i>	Black cottonwood	11.7	10, 6	Excellent	Good	15.5	10		1273332.61815769	162387.116758378

Table of Trees

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Tree ID	Scientific Name	Common Name	DSH (in)	DSH Multistem	Health Condition	Structural Condition	Dripline Radius (ft)	TPA (ft)	Notes	Longitude	Latitude
483	<i>Populus trichocarpa</i>	Black cottonwood	12.3	8.4, 7, 5.6	Excellent	Good	13.5	10		1273339.81958731	162394.740296311
484	<i>Populus trichocarpa</i>	Black cottonwood	9.0		Excellent	Good	13.4	8		1273349.47635999	162387.778963456
485	<i>Populus trichocarpa</i>	Black cottonwood	7.3		Excellent	Good	10.3	6		1273348.59384113	162380.376342456
486	<i>Populus trichocarpa</i>	Black cottonwood	25.0	3.3, 10.8, 10.8, 13.6, 14	Excellent	Good	17.0	21		1273349.12605418	162377.288849497
487	<i>Populus trichocarpa</i>	Black cottonwood	14.1	3, 6, 9, 5, 7	Excellent	Fair	14.6	12		1273348.34733210	162367.634101769
488	<i>Populus trichocarpa</i>	Black cottonwood	7.4	6.5, 3.5	Excellent	Fair	14.3	6		1273306.07609771	162351.984719103
489	<i>Arbutus menziesii</i>	Pacific madrone	15.8		Good	Good	15.7	13	Enveloping barbed wire at top of fence	1273452.31103918	162301.983751182
490	<i>Thuja plicata</i>	Western redcedar	8.9		Good	Good	10.4	7		1273444.74700038	162302.129515367
491	<i>Arbutus menziesii</i>	Pacific madrone	13.0	8.2, 10.1	Good	Good	20.5	11		1272678.94996149	161593.778563170
492	<i>Pinus sylvestris</i>	Scot's pine	19.3		Good	Good	15.8	16		1272680.01941481	161603.465096595
493	<i>Pinus sylvestris</i>	Scot's pine	16.1		Good	Good	13.7	13		1272682.74147567	161631.986026365
494	<i>Malus sp.</i>	Apple	7.4	5.9, 4.5	Good	Good	17.3	6		1272675.78499217	161643.731667770
495	<i>Prunus spp. (serrula, serrulata)</i>	Flowering cherry	7.1		Poor	Fair	9.3	6		1272684.73378297	161659.279954696
496	<i>Prunus spp. (serrula, serrulata)</i>	Flowering cherry	9.0		Poor	Fair	10.4	8		1272686.54781442	161681.107625164
497	<i>Prunus spp. (serrula, serrulata)</i>	Flowering cherry	7.5		Poor	Fair	10.3	6		1272694.87957143	161754.461591169
498	<i>Prunus spp. (serrula, serrulata)</i>	Flowering cherry	8.8		Poor	Fair	14.4	7	Crown dead primarily to south and east	1272697.17870861	161803.416446095
499	<i>Pinus nigra</i>	Austrian black pine	11.9		Good	Good	13.5	10		1272698.80660549	161824.243053685
500	<i>Malus sp.</i>	Apple	6.5	6.5	Good	Good	16.3	6	Crabapple	1272693.81719872	161840.369380846
501	<i>Prunus spp. (serrula, serrulata)</i>	Flowering cherry	8.3		Poor	Fair	9.3	7		1272706.69258035	161851.689159033
502	<i>Ulmus sp.</i>	Elm	28.8	12, 11, 11.5, 9, 9, 10, 9, 9.5	Good	Fair	18.2	24		1272704.45720532	161865.287967052
503	<i>Ulmus sp.</i>	Elm	10.3		Good	Good	18.4	9	Ivy to 10 feet	1272707.72253713	161871.665761490
504	<i>Betula pendula</i>	European white birch	11.2		Fair	Fair	12.5	9	Upper crown dieback; likely bronze birch borer	1272702.20527218	161891.434230996
505	<i>Robinia pseudoacacia</i>	Black locust	10.0	4.5, 5, 5, 5.5	Good	Good	12.4	8	Multistem at base	1272711.87480100	161977.046168298
506	<i>Robinia pseudoacacia</i>	Black locust	7.0		Good	Good	10.3	6	No access due to blackberry, DSH estimated, not tagged	1272715.37235602	161979.316816403
507	<i>Robinia pseudoacacia</i>	Black locust	11.0	6, 6, 7	Good	Good	14.5	9	No access due to blackberry, DSH estimated, not tagged	1272719.51051735	161978.060395956
508	<i>Robinia pseudoacacia</i>	Black locust	10.6	7, 8	Good	Good	13.4	9	No access due to blackberry, DSH estimated, not tagged	1272717.40557082	161985.226874215
509	<i>Robinia pseudoacacia</i>	Black locust	8.8	6, 5, 4	Good	Good	13.4	7	No access due to blackberry, DSH estimated, not tagged	1272718.26150381	162001.063063726
510	<i>Robinia pseudoacacia</i>	Black locust	8.1	5, 5, 4	Good	Good	11.3	7	No access due to blackberry, DSH estimated, not tagged	1272722.95836132	162007.884932817
511	<i>Robinia pseudoacacia</i>	Black locust	7.5		Good	Good	14.3	6	No access due to blackberry, DSH estimated, not tagged	1272716.77990760	162009.901021415
512	<i>Robinia pseudoacacia</i>	Black locust	9.4	6, 6, 4	Good	Good	13.4	8	No access due to blackberry, DSH estimated, not tagged	1272724.72234394	162015.825552187
513	<i>Robinia pseudoacacia</i>	Black locust	7.0		Good	Good	13.3	6	No access due to blackberry, DSH estimated, not tagged	1272725.14035813	162020.164845806
514	<i>Robinia pseudoacacia</i>	Black locust	10.5	7, 6, 5	Good	Good	14.4	9	No access due to blackberry, DSH estimated, not tagged	1272718.91558581	162021.025707382
515	<i>Robinia pseudoacacia</i>	Black locust	9.3	6, 5, 5	Good	Good	16.4	8	No access due to blackberry, DSH estimated	1272725.12150271	162026.052440340
516	<i>Malus sp.</i>	Apple	8.1		Good	Good	18.3	7		1272711.19875086	162029.710041670
517	<i>Pinus contorta 'contorta'</i>	Shore pine	10.5		Good	Good	10.4	9		1272746.65134171	162207.855119200
518	<i>Pinus contorta 'contorta'</i>	Shore pine	18.5		Good	Good	16.8	15	Measured at narrowest point below union	1272751.55360639	162231.319568332
519	<i>Acer platanoides</i>	Norway maple	6.0		Good	Good	9.3	6		1273012.36747620	162692.457481057
520	<i>Acer platanoides</i>	Norway maple	6.0		Good	Good	8.3	6	Surface roots	1273049.08079431	162666.563272488
521	<i>Acer platanoides</i>	Norway maple	6.1		Good	Good	10.3	6		1273064.24765503	162653.058333554
522	<i>Acer platanoides</i>	Norway maple	7.1		Good	Good	10.3	6		1273079.94947445	162641.128561455
523	<i>Acer platanoides</i>	Norway maple	6.8		Good	Good	10.3	6		1273127.85684210	162604.874683375
524	<i>Acer platanoides</i>	Norway maple	7.0		Good	Good	12.3	6		1273142.56440036	162589.617565326
525	<i>Acer platanoides</i>	Norway maple	6.6		Good	Good	9.3	6		1273174.51125016	162565.421954483
526	<i>Acer platanoides</i>	Norway maple	9.4		Good	Good	11.4	8		1273188.29510903	162554.647832730

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527	<i>Acer platanoides</i>	Norway maple	7.6		Good	Good	11.3	6		1273202.76798581	162539.462642495
528	<i>Calocedrus decurrens</i>	Incense cedar	14.9		Good	Good	11.6	12		1273223.63043494	162517.739116954
529	<i>Calocedrus decurrens</i>	Incense cedar	12.8		Good	Good	9.5	11		1273228.05961343	162509.380195118
530	<i>Calocedrus decurrens</i>	Incense cedar	17.0		Good	Good	10.7	14		1273235.56645548	162502.777973620
531	<i>Acer platanoides</i>	Norway maple	6.7		Good	Good	12.3	6		1273260.03109370	162480.971247593
532	<i>Acer platanoides</i>	Norway maple	7.0		Good	Good	13.3	6		1273274.17343693	162469.569956142
533	<i>Acer platanoides</i>	Norway maple	8.0		Good	Good	13.3	7		1273290.59583459	162456.685083294
534	<i>Thuja plicata</i>	Western redcedar	12.5	6, 11	Good	Fair	10.5	10		1273303.22076517	162441.465915198
535	<i>Calocedrus decurrens</i>	Incense cedar	17.7		Good	Good	11.7	15		1273312.29757189	162432.659581769
536	<i>Calocedrus decurrens</i>	Incense cedar	18.9		Good	Good	11.8	16		1273321.82141696	162426.417521729
537	<i>Acer platanoides</i>	Norway maple	7.0		Good	Good	12.3	6	Some central upper crown dieback	1273340.91566394	162415.263296335
538	<i>Acer platanoides</i>	Norway maple	8.4		Good	Good	13.3	7		1273375.47968453	162385.506908784
539	<i>Acer platanoides</i>	Norway maple	8.2		Good	Good	13.3	7		1273423.34436841	162349.930083146
540	<i>Acer platanoides</i>	Norway maple	7.6		Good	Good	12.3	6		1273436.10894141	162341.509375573
541	<i>Acer platanoides</i>	Norway maple	7.0		Good	Good	13.3	6		1273474.28387800	162313.876187605
542	<i>Acer platanoides</i>	Norway maple	7.4		Good	Good	13.3	6		1273490.11825413	162303.512670115
543	<i>Pinus nigra</i>	Austrian black pine	21.4	13, 17	Good	Fair	18.9	18	Codominant at 2 feet with included bark	1273508.68885215	162293.999374383
544	<i>Arbutus menziesii</i>	Pacific madrone	8.0		Excellent	Good	12.3	7	No access, not tagged, measurements estimated	1273369.72735068	162298.919917163
545	<i>Alnus rubra</i>	Red alder	12.8	8, 10	Poor	Fair	20.5	11	Main trunk mostly dead	1273460.55342981	162288.827369197
546	<i>Alnus rubra</i>	Red alder	8.9		Good	Good	17.4	7		1273463.04278586	162288.187936432
547	<i>Alnus rubra</i>	Red alder	13.8	8.6, 10, 4	Fair	Fair	22.6	11	Central trunk dead and failed at 8 feet; some dieback in upper crown; slightly sparse crown; multistem at base	1273465.75985617	162288.991293690
548	<i>Pinus nigra</i>	Austrian black pine	21.1		Good	Fair	22.9	18	Codominant at 5 feet with narrow union	1273493.19942264	162276.714657012
549	<i>Pinus nigra</i>	Austrian black pine	14.0		Good	Good	17.6	12	Swept base south	1273497.86558919	162268.632011814
550	<i>Pinus nigra</i>	Austrian black pine	16.5		Good	Fair	17.7	14	Narrow trunk unions at 10 and 15 feet	1273511.21408068	162265.583543524
551	<i>Pinus nigra</i>	Austrian black pine	19.9		Good	Fair	23.8	17	Narrow trunk unions	1273525.63345636	162268.614418909
552	<i>Pinus nigra</i>	Austrian black pine	16.9		Good	Good	15.7	14		1273543.87740640	162268.494814374
553	<i>Arbutus menziesii</i>	Pacific madrone	11.7		Good	Good	14.5	10		1273537.31975843	162250.205081873
554	<i>Pinus nigra</i>	Austrian black pine	6.8		Good	Excellent	12.3	6		1273547.23868370	162252.030462258
555	<i>Pinus nigra</i>	Austrian black pine	29.0		Good	Fair	26.2	24	Measured at narrowest point below large scaffolds; large wound on east side at 2 feet from car impact	1273558.99451400	162255.062356587
556	<i>Arbutus menziesii</i>	Pacific madrone	9.1		Good	Good	19.4	8		1273559.82178267	162251.405635321
557	<i>Arbutus menziesii</i>	Pacific madrone	14.7	9.7, 11.1	Good	Good	18.6	12		1273571.25001885	162235.862385526
558	<i>Pinus nigra</i>	Austrian black pine	20.0		Good	Fair	17.8	17	Narrow trunk unions	1273595.54072500	162225.110115258
559	<i>Alnus rubra</i>	Red alder	21.3	14, 16	Good	Fair	27.9	18	Codominant at 1 foot	1273588.54766125	162219.054394202
560	<i>Pinus nigra</i>	Austrian black pine	16.0		Good	Good	9.7	13	Ivy to 25 feet	1273599.08150106	162209.488021440
561	<i>Arbutus menziesii</i>	Pacific madrone	12.5	11.5, 5	Good	Good	15.5	10		1273601.37778157	162202.230040206
562	<i>Alnus rubra</i>	Red alder	11.0		Good	Good	22.5	9		1273586.12410413	162196.905835249
563	<i>Alnus rubra</i>	Red alder	15.4	5.9, 7, 8, 5, 8	Good	Fair	20.6	13	Multistem at base	1273582.57650760	162183.256511771
564	<i>Alnus rubra</i>	Red alder	7.0		Good	Good	15.3	6		1273580.40381526	162180.364755815
565	<i>Alnus rubra</i>	Red alder	10.5	4.1, 3, 7, 6	Good	Fair	15.4	9	Multistem at base	1273581.37509651	162176.887919050
566	<i>Pinus nigra</i>	Austrian black pine	6.7		Fair	Good	8.3	6		1273612.67337073	162133.953024811
567	<i>Alnus rubra</i>	Red alder	6.2		Fair	Good	0.3	6		1273593.73176577	162134.410329907
568	<i>Betula pendula</i>	European white birch	12.7	12.1, 3.7	Fair	Fair	16.5	11		1273579.62200813	162135.705226766
569	<i>Alnus rubra</i>	Red alder	6.0		Good	Good	19.3	6		1273573.73707014	162125.647920406
570	<i>Alnus rubra</i>	Red alder	10.0	7.8, 4.3, 4.5	Good	Fair	19.4	8	Multistem at 1 foot	1273579.96273859	162118.023131292
571	<i>Populus trichocarpa</i>	Black cottonwood	7.9		Good	Good	10.3	7		1273585.15808517	162112.495643462
572	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.6		Good	Excellent	9.3	6		1273594.80696617	162114.855882948
573	<i>Populus trichocarpa</i>	Black cottonwood	14.0		Good	Fair	16.6	12	Broken top at 20 feet with two reiterations	1273598.96179401	162105.355143220
574	<i>Populus trichocarpa</i>	Black cottonwood	9.2		Good	Good	26.4	8		1273613.79889281	162106.515874140
575	<i>Populus trichocarpa</i>	Black cottonwood	15.8		Good	Good	13.7	13		1273613.93470765	162100.486619982
576	<i>Populus trichocarpa</i>	Black cottonwood	17.5		Good	Good	18.7	15		1273607.58559633	162099.879778302
577	<i>Populus trichocarpa</i>	Black cottonwood	12.1		Good	Good	12.5	10		1273598.05937729	162087.644869880
578	<i>Arbutus menziesii</i>	Pacific madrone	6.5		Excellent	Good	10.3	6		1273584.41971691	162088.479792222

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579	<i>Alnus rubra</i>	Red alder	6.7		Fair	Good	10.3	6		1273566.05498293	162092.161799062
580	<i>Alnus rubra</i>	Red alder	9.2	6, 7	Fair	Good	22.4	8		1273558.68924834	162091.916625487
581	<i>Alnus rubra</i>	Red alder	10.0	6, 8	Fair	Fair	19.4	8	No access, not tagged, DSH estimated	1273551.39887240	162090.042576591
A	<i>Fraxinus oxycarpa</i>	Raywood ash	10.0		Excellent	Excellent	17.4	8		1272687.17051888	161535.186616332
B	<i>Fraxinus oxycarpa</i>	Raywood ash	12.0		Excellent	Excellent	18.5	10		1272830.79059783	161531.850539208
C	<i>Fraxinus oxycarpa</i>	Raywood ash	10.0		Excellent	Good	16.4	8		1272862.12112046	161530.560326097
D	<i>Fraxinus oxycarpa</i>	Raywood ash	12.0		Excellent	Excellent	18.5	10		1272894.08734935	161531.651112788
E	<i>Fraxinus oxycarpa</i>	Raywood ash	10.0		Excellent	Excellent	18.4	8		1272927.33118421	161530.611844486
F	<i>Fraxinus oxycarpa</i>	Raywood ash	10.0		Excellent	Good	18.4	8		1272955.91108181	161529.344493102
G	<i>Fraxinus oxycarpa</i>	Raywood ash	12.0		Excellent	Good	16.5	10		1273014.31512254	161524.309561103
H	<i>Arbutus menziesii</i>	Pacific madrone	7.0		Poor	Good	9.3	6		1273282.54895905	162085.780995253
I	<i>Arbutus menziesii</i>	Pacific madrone	7.0		Poor	Good	10.3	6		1273290.74639417	162086.511269734
J	<i>Arbutus menziesii</i>	Pacific madrone	7.0		Poor	Good	8.3	6		1273294.26655947	162086.764413047
K	<i>Arbutus menziesii</i>	Pacific madrone	6.0		Poor	Good	10.3	6		1273316.28492298	162086.454113763
L	<i>Arbutus menziesii</i>	Pacific madrone	8.0		Fair	Good	11.3	7		1273321.09044468	162086.951393875
M	<i>Arbutus menziesii</i>	Pacific madrone	7.0		Fair	Good	8.3	6		1273323.75694206	162084.991017554
N	<i>Arbutus menziesii</i>	Pacific madrone	10.1	6, 4, 5, 5	Fair	Good	12.4	8		1273332.45257425	162086.244649374
O	<i>Arbutus menziesii</i>	Pacific madrone	10.0		Fair	Good	11.4	8		1273344.88168432	162084.974203701
P	<i>Arbutus menziesii</i>	Pacific madrone	8.0		Fair	Good	11.3	7		1273352.55707363	162085.778414404
Q	<i>Arbutus menziesii</i>	Pacific madrone	6.0		Fair	Good	11.3	6		1273361.23725636	162086.311420678
R	<i>Arbutus menziesii</i>	Pacific madrone	10.0		Fair	Good	12.4	8		1273364.41134700	162086.030766953
S	<i>Arbutus menziesii</i>	Pacific madrone	12.0		Excellent	Good	12.5	10		1273367.30434289	162083.465029018
T	<i>Arbutus menziesii</i>	Pacific madrone	18.4	12, 14	Fair	Good	18.8	15		1273385.55682602	162082.509563804
U	<i>Arbutus menziesii</i>	Pacific madrone	13.0		Poor	Good	21.5	11		1273440.77726410	162082.170264862
V	<i>Arbutus menziesii</i>	Pacific madrone	14.1	10, 10	Good	Good	15.6	12		1273468.79694838	162076.984582504
W	<i>Arbutus menziesii</i>	Pacific madrone	7.0		Good	Good	14.3	6		1273484.23624145	162079.286400434
X	<i>Populus trichocarpa</i>	Black cottonwood	12.8	8, 10	Excellent	Good	19.5	11		1273508.04313526	162075.870121503
Y	<i>Calocedrus decurrens</i>	Incense cedar	14.2		Excellent	Good	8.6	12	Surface roots	1272755.21264850	162333.061423428
Z	<i>Malus sp.</i>	Apple	8.4		Good	Good	18.3	7	Crabapple	1272764.28787902	162369.379272177
AA	<i>Calocedrus decurrens</i>	Incense cedar	11.2		Good	Fair	6.5	9	Topped for utilities at 20 feet	1272780.16938724	162412.423751666
AB	<i>Calocedrus decurrens</i>	Incense cedar	9.2		Good	Good	5.4	8		1272807.60537207	162477.607441510
AC	<i>Malus sp.</i>	Apple	6.8		Good	Good	16.3	6	Crabapple	1272900.06889132	162643.929447618
AD	<i>Acer platanoides</i>	Norway maple	8.6		Good	Fair	15.4	7	Wound at base on southeast side; surface roots	1273463.16416762	162367.037556528
AE	<i>Acer platanoides</i>	Norway maple	9.7		Good	Poor	14.4	8	Wound base to 2 feet 85 percent circumference	1273448.49219595	162377.251416026
AF	<i>Acer platanoides</i>	Norway maple	7.2		Good	Good	13.3	6		1273428.84041276	162390.946405837
AG	<i>Acer platanoides</i>	Norway maple	7.3		Good	Good	13.3	6		1273360.40212378	162444.805999165
AH	<i>Picea pungens</i>	Colorado spruce	11.5		Excellent	Good	13.5	10		1273330.20256855	162455.119481468
AI	<i>Sorbus aucuparia</i>	European mountain ash	23.3		Good	Fair	15.0	19	Measured at narrowest point below union	1273325.29225039	162467.360748315
AJ	<i>Picea sitchensis</i>	Sitka spruce	7.2		Good	Good	8.3	6		1273307.96906714	162476.510698024
AK	<i>Thuja plicata</i>	Western redcedar	8.8		Fair	Fair	9.4	7	North trunk dead	1273270.96652888	162502.007632467
AL	<i>Acer platanoides</i>	Norway maple	9.5		Good	Good	12.4	8		1273218.52254091	162556.827790147
AN	<i>Acer platanoides</i>	Norway maple	8.3		Good	Good	11.3	7		1273187.12132570	162583.111056648
AO	<i>Acer platanoides</i>	Norway maple	7.8		Good	Good	11.3	7		1273126.74926638	162631.266256758
AP	<i>Acer platanoides</i>	Norway maple	7.0		Good	Good	12.3	6		1273093.34215595	162658.082629589
AQ	<i>Acer platanoides</i>	Norway maple	7.6		Good	Good	11.3	6		1273038.05601494	162704.205206540
AR	<i>Populus trichocarpa</i>	Black cottonwood	13.0		Good	Excellent	15.5	11		1273629.03528210	162118.917018378
AS	<i>Populus trichocarpa</i>	Black cottonwood	16.0		Good	Good	18.7	13		1273622.89978325	162104.716698898
AT	<i>Populus trichocarpa</i>	Black cottonwood	16.0		Good	Good	16.7	13		1273620.06090531	162101.030807033
AU	<i>Populus trichocarpa</i>	Black cottonwood	26.5	12, 12, 10, 14, 4, 10	Good	Fair	19.1	22	Multistem at base	1273607.47204374	162083.063455612
AV	<i>Thuja plicata</i>	Western redcedar	9.2	7, 6	Fair	Fair	10.4	8	Suppressed	1273590.91551165	162084.002665441
AW	<i>Pinus nigra</i>	Austrian black pine	16.0		Good	Good	13.7	13		1273629.52587475	162178.492333360
AX	<i>Pinus nigra</i>	Austrian black pine	16.0		Good	Good	13.7	13		1273618.76244156	162192.707506760



Parcel boundaries and trees are located approximately.



2940 Westlake Ave N #200
Seattle, WA 98109
206-528-4670

HBB Landscape Architecture / Port of Seattle
AGB
SeaTac, WA 98188
Parcels: 3223049306, 3223049021,
3223049286, 3223049313, 3223049314,
3223049315, 3223049263, 3223049303,
3223049034, 3223049304, 3223049033

Legend

- Assessed Trees
- King County Parcels

Site Map - North

Date: June 18, 2025

Arborist:
Tyler Bunton
ISA PN-8715A
ISA TRAQ

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