
COMMENTS:

SUBJECT: Beaver Lake tree survey

FROM: Kyle Endelman

FAX # 253-830-9314
PHONE:

TO: Frank

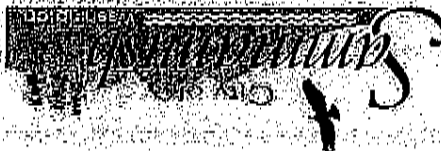
DATE: 10-21-08

PH: 425.295.0500
FX: 425.295.0600

801 - 228th Avenue SE
Sammamish, WA 98075

of Pages
with Cover

FAX



Arboricultural Services since 1979 • A Member of ISA, NAA, Plant Amnesty

Trees For Life, Inc
Ian MacCallum

Sincerely,
Ian MacCallum

If you have any questions regarding this report please do not hesitate to call.
feasible than at least every other year.
setting such as this must be monitored on a continual basis. If an annual inspection is not
cycles, and to a large extent human impact. Due to these overriding factors trees in a
vitality are greatly influenced by the ebb and flow of weather patterns, insect and disease
As you well know, individual trees and forests ecosystems are dynamic, their health and
warrant continual monitoring and/or timely action.
could lead to failure and are close enough to roads, structures, and high use areas to
ones that I rate as higher than average potential hazards. That is, they possess flaws that
Beaver Lake Park. The trees that I mention in my report and are listed in the table are
This is by no means a definite analysis of tree/forest conditions within the 83 acres of
visit to point them out.
additional help is needed for locating the trees listed I would be happy to make a sight
areas are located on the small map that is provided on the King County web site, if any
along the paths and the ones in Area A. I have sketched in rough boundaries where the
management decisions. I have tagged and numbered most of the trees except for the trees
area to help with finding the trees in question and to further aid in future tree
G. In addition to the form with the tabled format I am providing a site overview for each
Due to the large size of the park I have broken it into 7 areas and labeled them A through
future.
conditions and tagged or marked most of the trees that I believe require action in the
Following my original proposal I have cruised the park, made note of overall existing
As requested I am sending you a tree evaluation and report for Beaver Lake Park.

Kevin,

Kevin Huseman
Parks Maintenance Coordinator
City of Sammamish
Fax: 425/837/1358

March 28, 2004



Trees For Life, Inc.

P.O. Box 1586
Bothell, WA 98041-1586
(425) 485-4758
(425) 487-2079 Fax

SITE OVERVIEW:

Area A: Ball Fields, Play Area, and South of Parking Lot.

1. Due to its location just south and above the parking lot, this area is a big concern. There are at least 6 standing dead trees, another 6 that appear thin or stressed, all intermixed with a handful of trees that have blown down in the past. This is symptomatic of root disease problems specifically Laminated Root Rot - *Phellinus weirii*, within the stand. I have not confirmed that it is *Phellinus* by taking samples and having them tested, but the pattern of dead trees and wind-throw are compatible with the disease. The unfortunate ramifications of this disease is that to be pro-active you should remove any Fir within 50 feet of infected trees. When we first spoke at the parking lot you already had the dead trees slated for removal, I believe that more should be removed at the same time. I have not marked the other trees to be removed at this point believing that there is potential for significant number more trees to be removed, it would be best that we meet to discuss the issue further. Luckily the trees further south adjacent to neighboring properties appear to be in good condition, providing a little more of a buffer.
 2. In and around the fields are four groupings of relatively young Lombardi Poplars. These trees are healthy but have already become somewhat problematic with invasive roots that stretch out into turf areas and blacktop paths. These trees have the potential to become over 100 feet tall and at least 36" in diameter. The park may find it prudent to remove and replace them over time to eliminate costly maintenance and potential liability issues in the future. The individual Poplar between the NW field and playground may be a good place to start.
 3. Item #4 on the tree list refers to the island in the middle of the entry road to the ball fields. Four of the seven trees within the island have been buried enough that they will eventually die from root suffocation and or compaction. It does not appear quite practical to change it to original grade, therefore it may be necessary to remove the trees and start over.
- Area B: Forest Edge along SE 24th.**
 I tagged trees #5 thru #10 along SE 24 going west to east, stopping at the shop entrance road. Again there is a history of windfall throughout the area, some due to high water table, some due to disease or structural problems, some just bearing the brunt of high southerly winds.

Beaver Lake Park

#	Tree	DBH	Location	Condition	Comments	Actions
1	Cot.	DBL 22"	Along 244th	3	Broken top & poor structure	Remove within 3 years
2	DF	16"	Behind south ball field, RC field	2	In decline	Remove within 2 years
3	DF	14"	Behind south ball field, Rt. field	2	Significant lean.	Remove within 2 years
4	DF - 4 of 7	Vary	Island within entry road.	3-4	Trees have been bunted.	Change grade, monitor, or remove.
5	DF	30"	Area B	3	Crown one sided, pale, with adjacent dead tree.	Monitor, remove within 2 years
6	DF	18"	Area B	3	Adjacent to recently uprooted Fir.	Monitor, remove within 2 years
7	DF	20"	Area B	3	Poor crown to stem ratio.	Monitor, remove within 2 years
8	DF	24"	Area B, adjacent to #7.	3	Poor crown to stem ratio.	Monitor, remove within 2 years
9	DF	28"	Area B	1-2	Almost dead.	Remove within 1 year.
10	DF	18"	Area B, along stream by shop entrance.	2	Could take out power lines if it falls.	Remove within 1 year.
11	BLM	multiple	Area C, Lodge parking area.	3	Cavity 10' up, adjacent to parking.	Remove within 1 year.
12	DF	30"	Area C, Adjacent to lodge service entrance.	2-3	Tree is in decline.	Remove within 2 years.

removed '05

removed '05

Sunday, March 28, 2004

Page 1 of 4

Page 2 of 4 Sunday, March 28, 2004

#	Tree	DBH	Location	Condition	Comments	Actions
13	DF	30"	Area C, Adjacent to main entrance	1-2	Almost dead	Remove within 1 year.
14	DF	28"	Area C, Adjacent to #13.	2	In decline.	Remove within 1 year.
15	DF	18"	Area C, Adjacent to #14	1	Dead.	Remove within 1 year.
16	DF	14"	Area C, Adjacent to #15	1	Dead.	Remove within 1 year.
17	BLM	16"	Area D, Adjacent to picnic pavilion	2	In decline.	Remove within 1 year.
18	DF	42"	Area D, Adjacent to picnic pavilion	1	Dead.	Remove ASAP.
19	DF	22"	Area D	2-3	Thin crown with exposed, decayed root.	Remove within 1 year.
20	DF	22"	Area D, Adjacent to lake shore.	2-3	Stressed due to root compaction.	Root zone maintenance or remove within 2 years.
21	DF	22"	Area D, by shore line.	2	Stressed.	Same as above.
22	DF	22"	Area D, by shore line.	2-3	Stressed.	Same as above.
23	Willow	8"	Area D, by shore line.	3-4	Broken limbs.	Prune off broken limbs within 1 year.
24	Ash	18"	Area E, south of pavilion	3	Poor structure, cavity.	Remove leader over open area, leave remaining as havital within 1 year.

#	Tree	DBH	Location	Condition	Comments	Actions
25	Ash	18"	Area E	3	Lost one-third of top, poor structure.	Remove, leave adjacent Cherry.
26	BLM	24"	Area E, south of W. Tollem pole by pavilion.	3	Lost top, poor structure.	Remove within 3 years, allow one strong sucker to develop.
27	BLM	3 leader	Area E, by path, north of Bar-b-que.	1	Dead.	Remove within 1 year.
28	BLM	4 leader	Area E, adjacent to #27.	2	In decline.	Remove within 3 years.
29	DF	30"	Area E, south of west parking lot, within stand.	2	In decline.	Monitor, remove within 2 years.
30	BLM	DBL	Area E, by path south of west parking lot.	2	Rotten stump.	Remove within 1 year.
31	Cedar	1 of 4 st	Area F, past bridge.	2	Rotten trunk.	Remove the one trunk, leave other 3.
32	DF	22"	Area F	2	Cavity on back side.	Remove within 3 years.
33	DF	18"	Area G	2-3	Crown thinning.	Monitor, remove if it dies.
34	DF	24"	Area G	3	Strong lean, could hit power lines if it falls.	Remove within 1 year.
35	DF	8"	Area G	2	Uprooted.	Remove within 1 year.
36	Cherry	6"	Area G	2	Decayed main stem.	Remove within 2 years.
37	BLM	8"	Area G	2	Poor structure, over path.	Remove within 2 years.

removed '05

removed '05

removed '05

Page 4 of 4 Sunday, March 28, 2004

#	Tree	DBH	Location	Condition	Comments	Actions
38	DF	10"	Area G (angle right)	1	10' from path, dead.	Remove within 1 year.
39	BLM	12"	Area G (angle right)	1	Over path, dead.	Remove within 1 year.
40	BLM	18"	Area G, path end before bridge.	1	Uprooted.	Remove within 1 year.
41	DF	24"	Area G, behind shop.	1	Uprooted.	Remove within 1 year.
42	BLM	22"	Area G, behind shop.	2	In decline.	Monitor, remove within 2 years.

Ian MacCallum
Trees For Life, Inc.

Sincerely,

If you have any questions regarding this report please do not hesitate to call. Feasible than at least every other year.

setting such as this must be monitored on a continual basis. If an annual inspection is not cycles, and to a large extent human impact. Due to these overriding factors trees in a vitality are greatly influenced by the ebb and flow of weather patterns, insect and disease As you well know, individual trees and forests ecosystems are dynamic, their health and warrant continual monitoring and/or timely action.

could lead to failure and are close enough to roads, structures, and high use areas to ones that I rate as higher than average potential hazards. That is, they possess flaws that Beaver Lake Park. The trees that I mention in my report and are listed in the table are This is by no means a definite analysis of tree/forest conditions within the 83 acres of visit to point them out.

additional help is needed for locating the trees listed I would be happy to make a sight areas are located on the small map that is provided on the King County web site, if any along the paths and the ones in Area A. I have sketched in rough boundaries where the management decisions. I have tagged and numbered most of the trees except for the trees area to help with finding the trees in question and to further aid in future tree G. In addition to the form with the tabled format I am providing a site overview for each Due to the large size of the park I have broken it into 7 areas and labeled them A through future.

conditions and tagged or marked most of the trees that I believe require action in the Following my original proposal I have cruised the park, made note of overall existing As requested I am sending you a tree evaluation and report for Beaver Lake Park.

Kevin,

Kevin Huseman
Parks Maintenance Coordinator
City of Sammamish
Fax: 425/837/1358

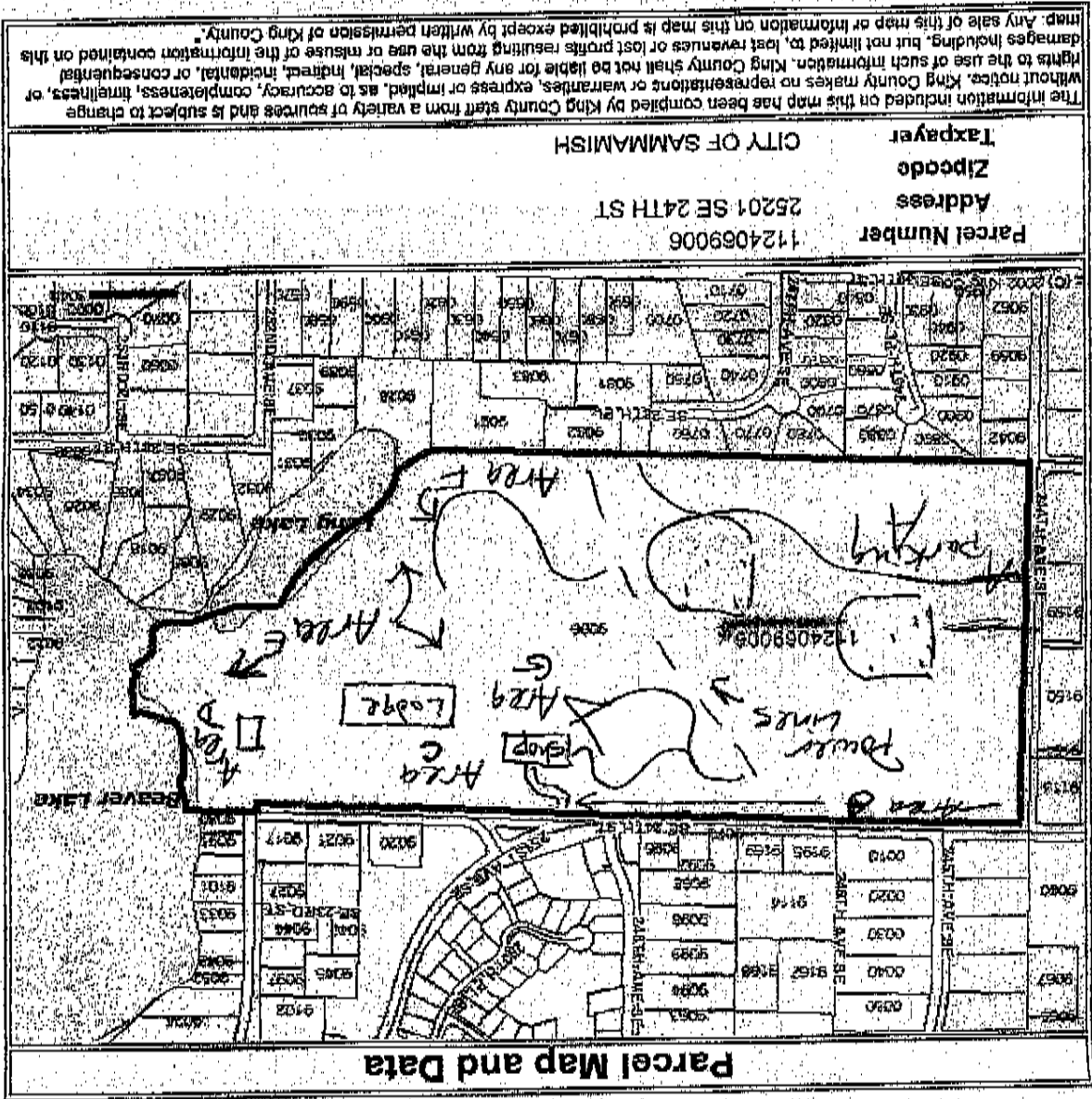
March 28, 2004

http://www5.metrokc.gov/parcelviewer/Print_Process.asp

11/6/2003

King County | GIS Center | News | Services | Comments | Search

By visiting this and other King County web pages, you expressly agree to be bound by terms and conditions of the site. The details.



King County Home News Services Comments Search