

This ordinance (12992) PASSED on January 26, 1998

Changes a map in Ordinance 12822

12/08/1997

JS:pr

A97-4:mi40.ord

clerk 12/11/97

JANE HAGUE
CHRISTOPHER VANCE

GREG NICKELS

Louise Miller

Introduced By:

Proposed No.:

97-727

ORDINANCE NO. **12992**

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AN ORDINANCE adopting sensitive lake protection standards for the Lake Sammamish drainage basin as area-specific drainage requirements and deleting the Pine Lake watershed area-specific drainage requirement; amending Ordinance 12822, Appendix B.

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PREAMBLE:

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For the purpose of effective land use planning and regulation, King County makes the following legislative findings:

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1. In 1993, King County adopted the East Sammamish Community Plan, which included several area-wide p-suffix development conditions for the purpose of protecting natural resources in the East Sammamish planning area and the natural resources and water quality of Lake Sammamish.

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2. In 1993, King County adopted the East Lake Sammamish Basin Plan for the purpose of protecting natural resources in the East Lake Sammamish Basin and the natural resources and water quality of Lake Sammamish.

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3. In 1995, King County adopted the Issaquah Creek Basin Plan for the purpose of protecting natural resources in the Issaquah Creek Basin and the natural resources and water quality of Lake Sammamish.

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4. In 1996, King County and the cities of Bellevue, Redmond, Issaquah and the citizen group Partners for a Clean Lake Sammamish prepared the Lake Sammamish Water Quality Management Plan, which established goals and adaptive management strategies for further protecting lake water quality.

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5. The Washington State Department of Ecology, under authority pursuant to RCW 90.48.030, only partially approved King County's National Pollutant Discharge Elimination System stormwater discharge permit pending demonstrated commitment from King County to the Lake Sammamish Water Quality Management Plan.

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6. The Department of Ecology set a deadline of December 31, 1997, for King County to adopt the necessary drainage regulations to implement the Lake Sammamish Water Quality Management Plan.

7. As part of the Zoning Code conversion, Ordinance 12822 moved all area-wide p-suffix conditions and other development conditions addressing drainage into a special drainage requirement applied pursuant to K.C.C. 9.04.050.

8. To bring King County into compliance with Ecology's requirement, the sensitive lake protection standards need to be adopted for the Lake Sammamish Basin as a special drainage requirement pursuant to K.C.C. 9.04.050 until such time as the proposed Surface Water Design Manual updates containing an equivalent standard are adopted.

9. Pursuant to Ordinance 12196, the requirements for environmental analysis, protections and mitigation measures in this code chapter, as amended by this ordinance, provide adequate analysis of, and mitigation for, the specific adverse environmental impacts to which the requirements apply.

BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

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SECTION 1. The amendments attached to this ordinance in Appendices A and B are adopted as area-specific drainage requirements under Special Requirement #15 of K.C.C. 9.04.050. B. Existing area-specific drainage requirements adopted pursuant to Appendices A and B of Ordinance 12822, are retained by this ordinance except as specifically amended by Appendix A or B of this ordinance.

INTRODUCED AND READ for the first time this 15th day of December, 1997.

PASSED by a vote of 10 to 0 this 26th day of January, 1998.

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON

Louis Miller
Chair

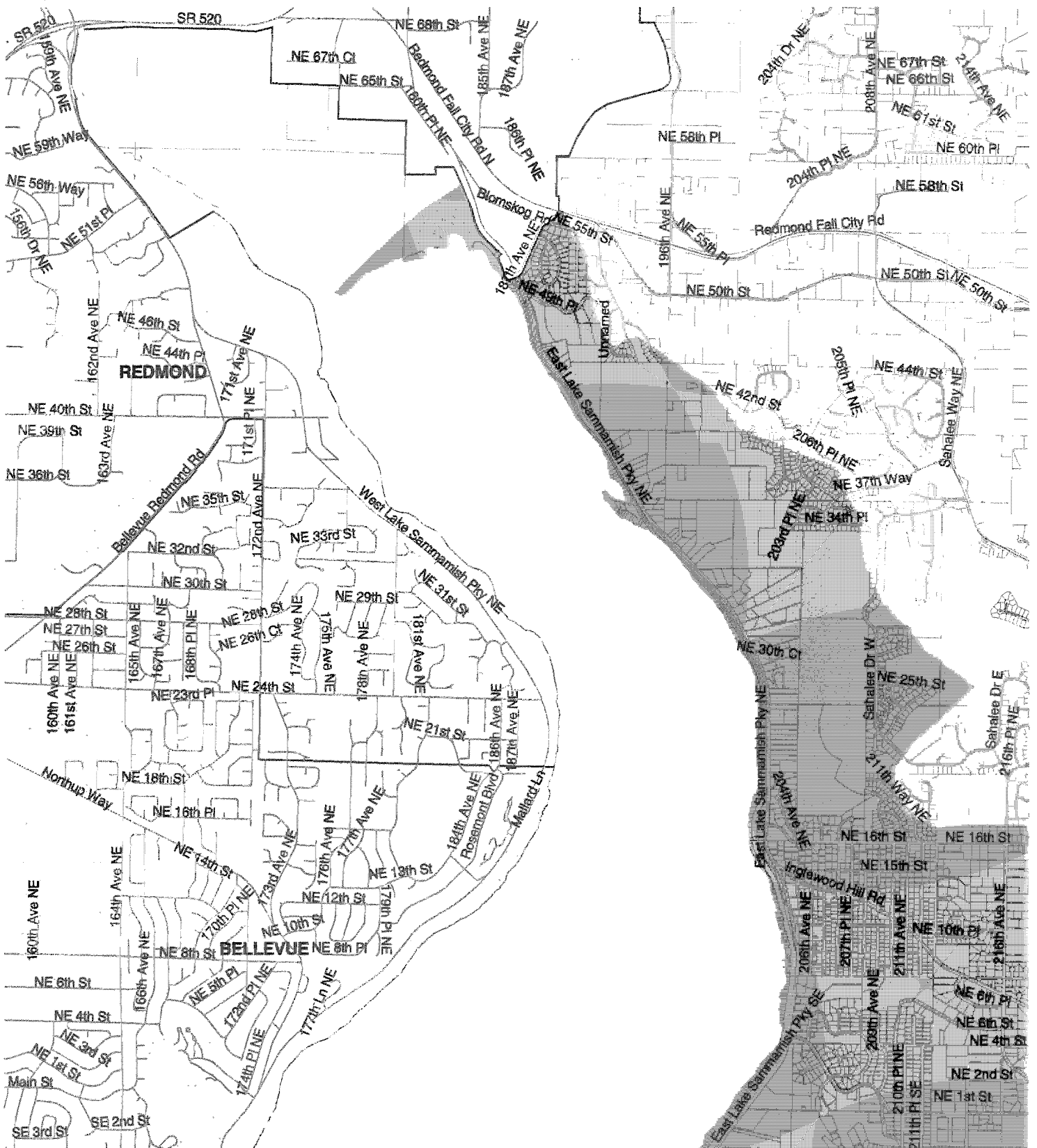
ATTEST:

[Signature]
Clerk of the Council

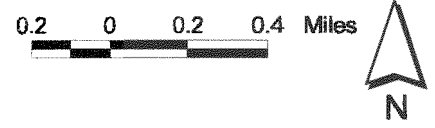
APPROVED this 9 day of February, 1998.

[Signature]
King County Executive

Appendices: (A) Area-Specific Drainage Requirement Map Amendment
(B) Area-Specific Drainage Requirement Amendment



Lake Sammamish Protection Standard: Map 1 of 11



- City Area
- Lake Sammamish Protection Standard

12992

This map is intended for planning purposes only and is not guaranteed to show accurate measurements.



Lake Sammamish Protection Standard: Map 2 of 11

0.2 0 0.2 0.4 Miles



City Area

Lake Sammamish Protection Standard

12992

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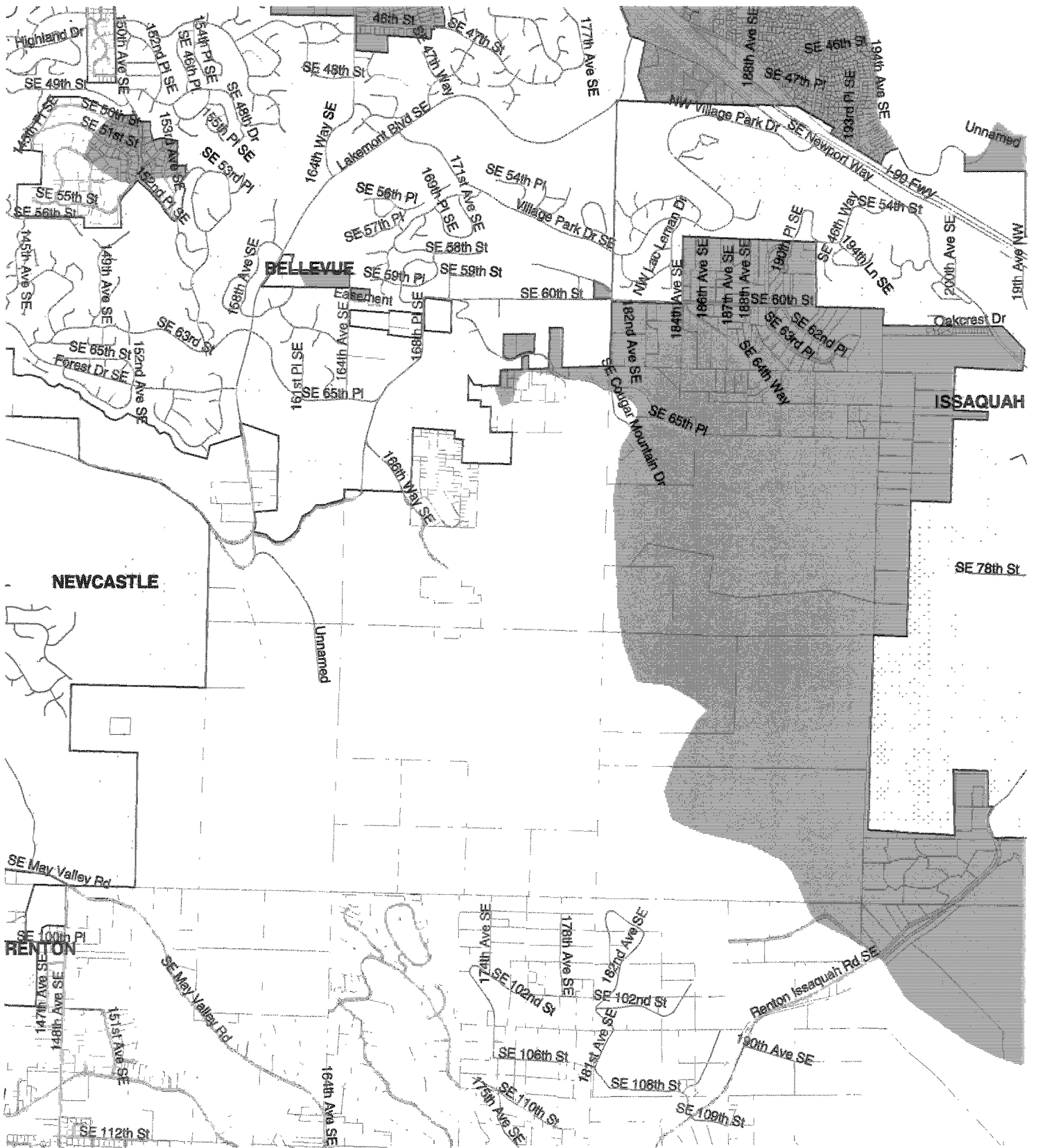
Lake Sammamish Protection Standard: Map 3 of 11



 City Area

 Lake Sammamish Protection Standard

12992

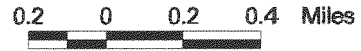


Lake Sammamish Protection Standard: Map 4 of 11

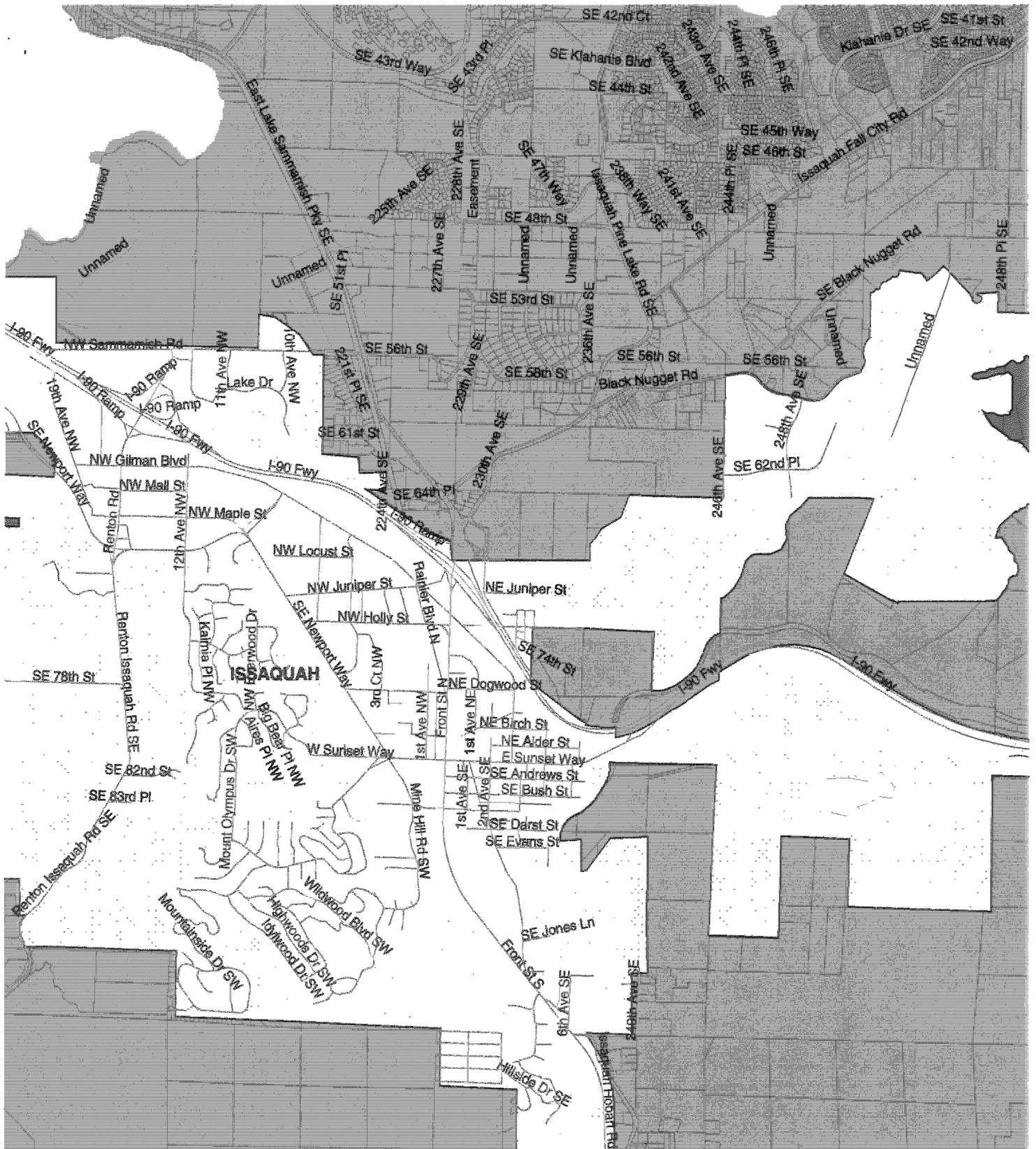
City Area

Lake Sammamish Protection Standard

12992



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Lake Sammamish Protection Standard: Map 5 of 11

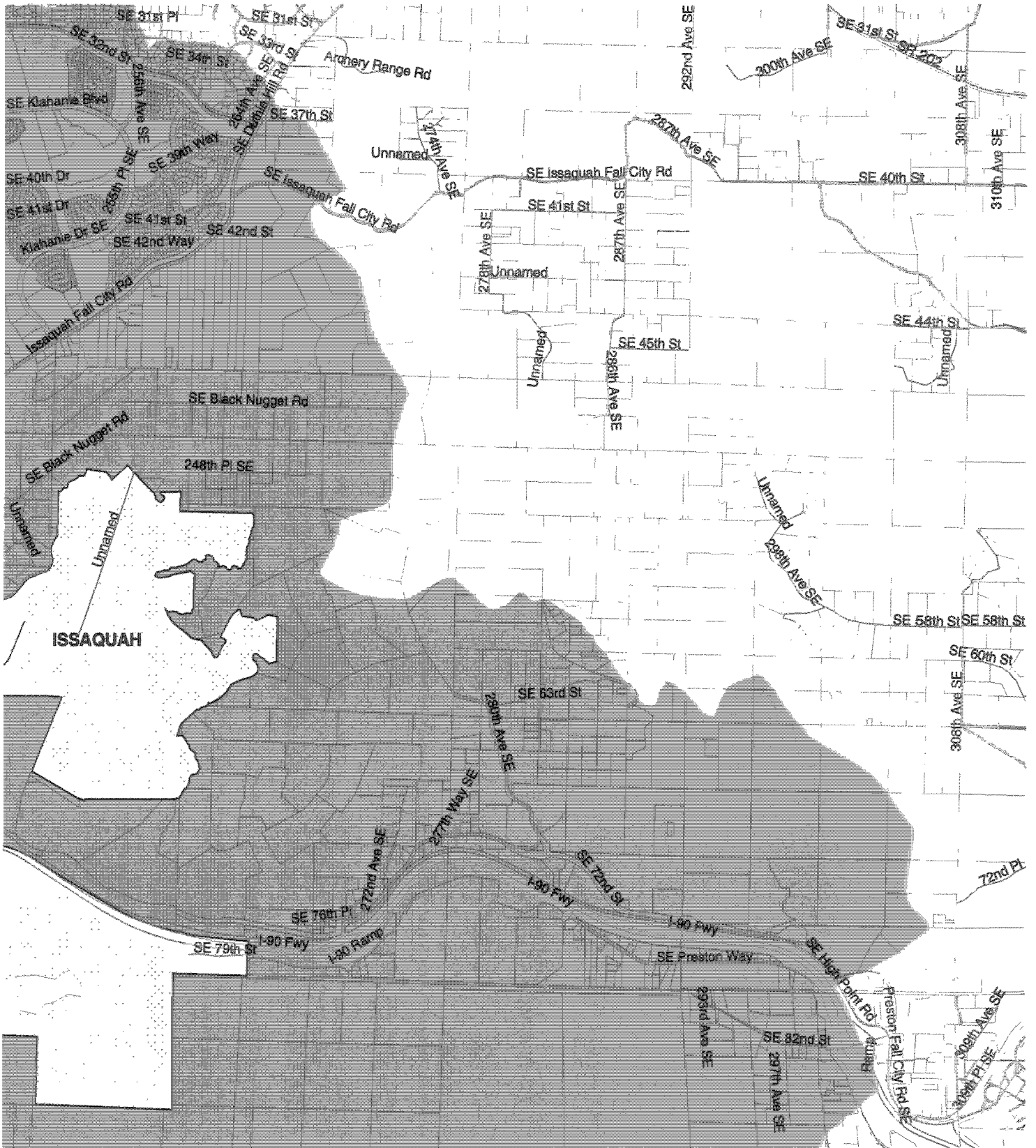
 City Area

 Lake Sammamish Protection Standard

12992

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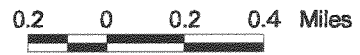




Lake Sammamish Protection Standard: Map 6 of 11

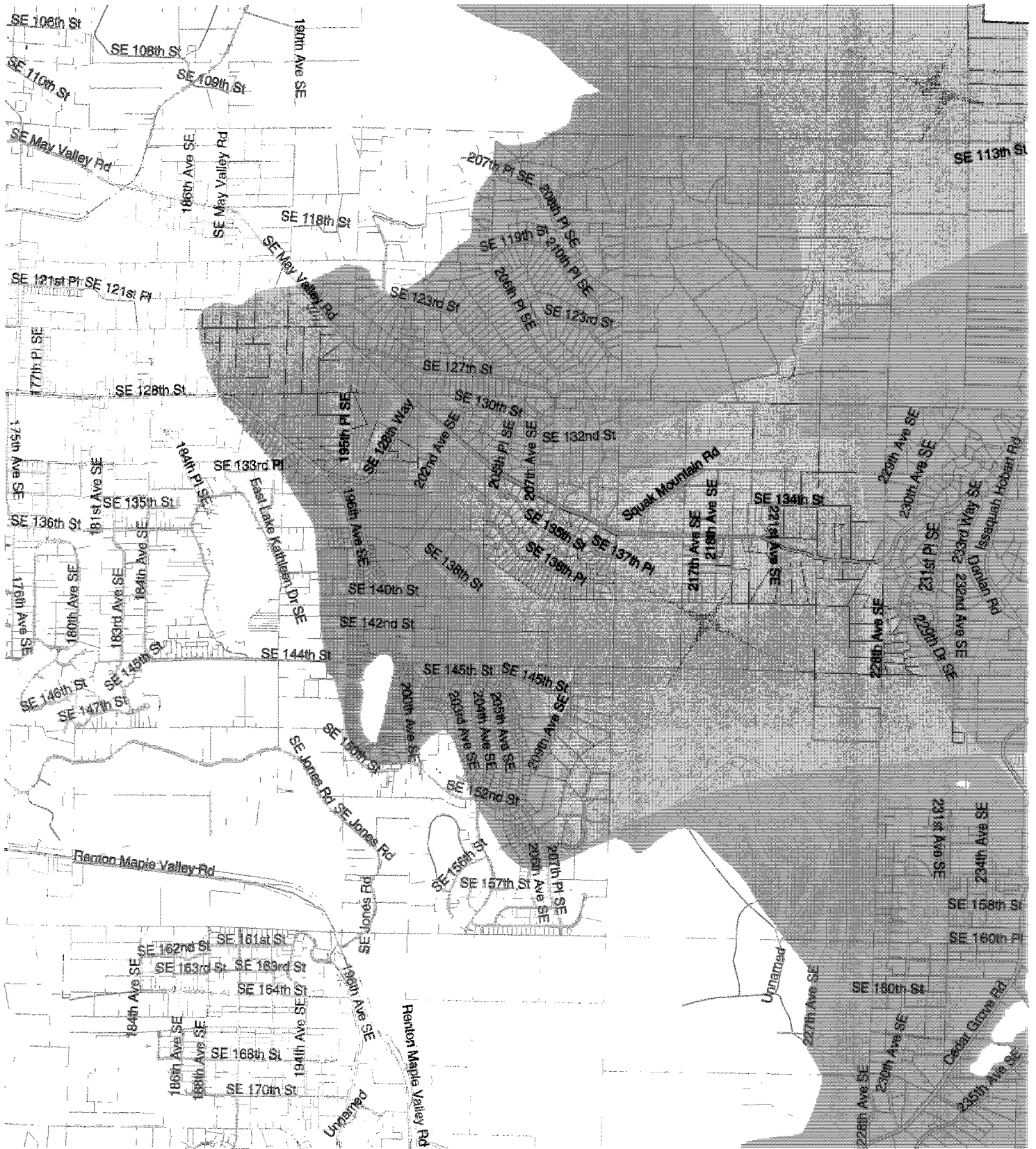
City Area

Lake Sammamish Protection Standard



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Lake Sammamish Protection Standard: Map 7 of 11

 City Area

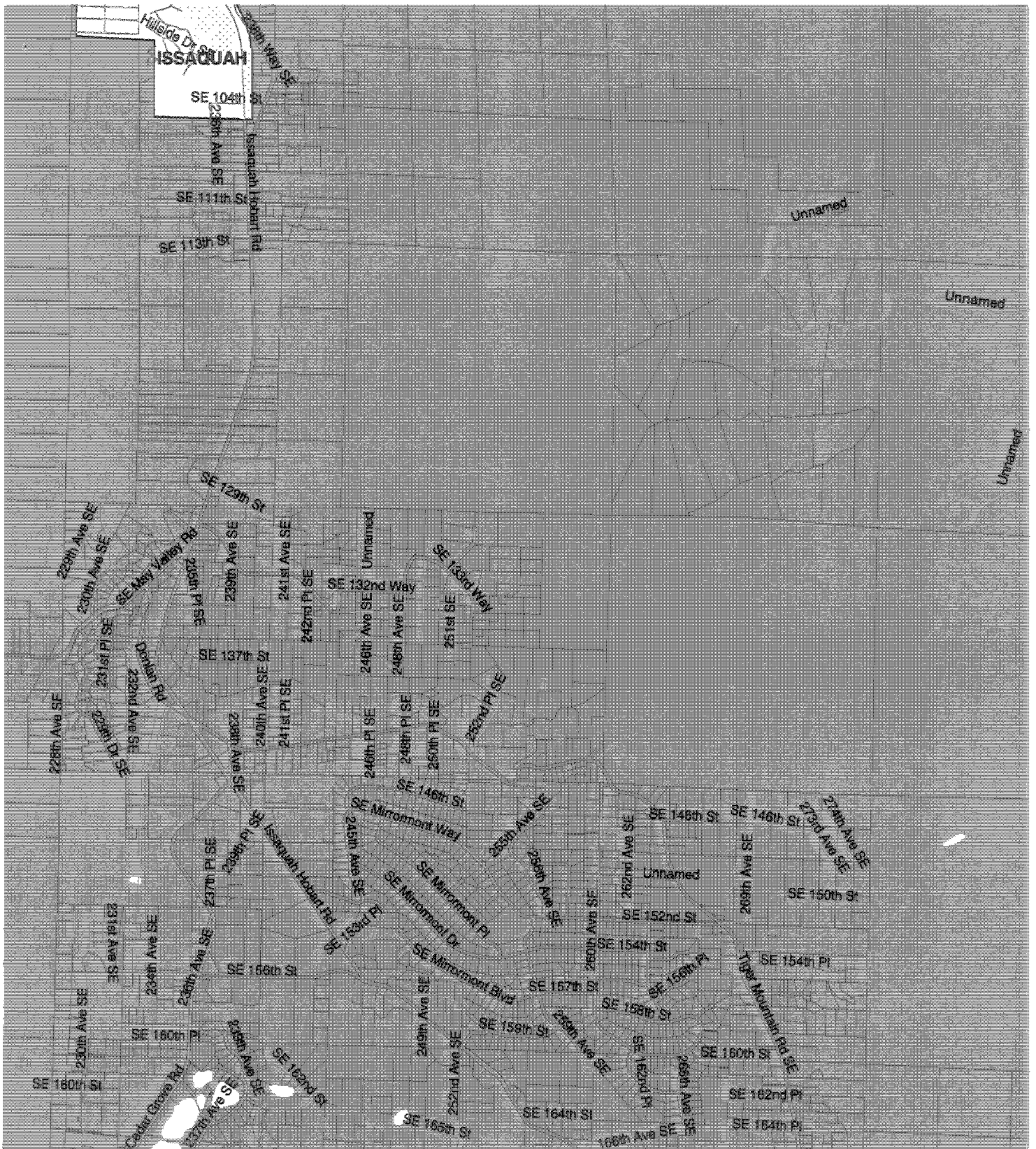
 Lake Sammamish Protection Standard

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Lake Sammamish Protection Standard: Map 8 of 11

0.2 0 0.2 0.4 Miles



 City Area

 Lake Sammamish Protection Standard

12992

 King County Department of Development and Environmental Services
Geographic Information System

1/20/96

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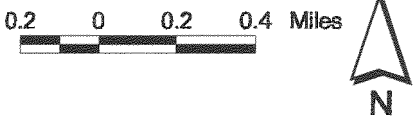


Lake Sammamish Protection Standard: Map 9 of 11

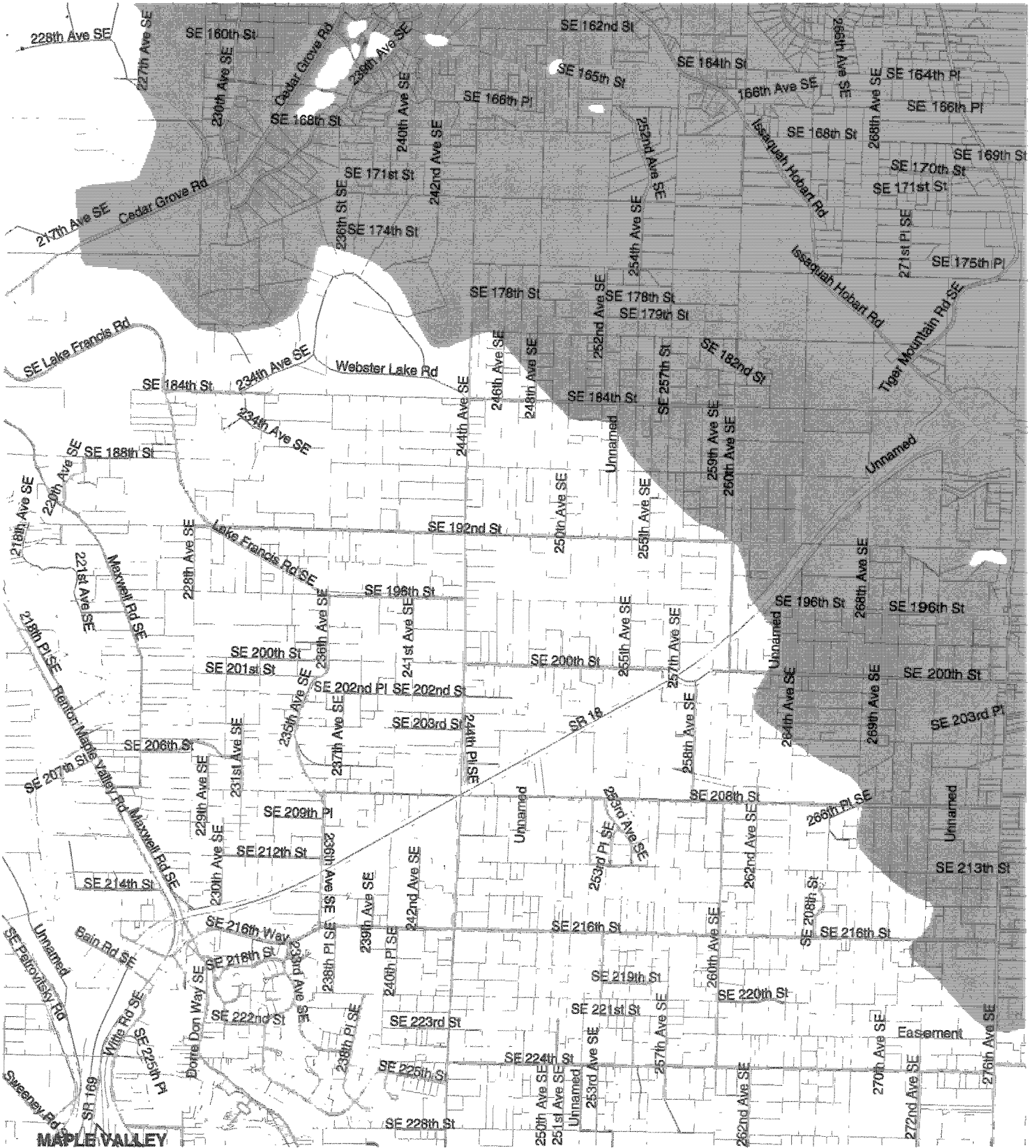
 City Area

 Lake Sammamish Protection Standard

12992



King County 1/20/98
 Department of Development and Environmental Services
 Geographic Information System
DDES
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Lake Sammamish Protection Standard: Map 10 of 11

City Area

Lake Sammamish Protection Standard



12992

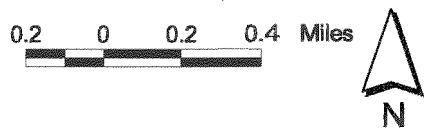
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Lake Sammamish Protection Standard: Map 11 of 11

-  City Area
-  Lake Sammamish Protection Standard

1299



Clerk 1/26/98 -

Appendix A to Proposed Ordinance _____

1 January 26, 1998

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3 AMENDMENT TO APPENDIX A OF ORDINANCE 12822; Area Specific Drainage
4 Conditions Applications Maps.

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6 Following page 1, remove the map identified as Special Requirement 15-1: Pine Lake
7 Watershed and replace with the attached maps (numbered 1 through 11).

8

9 **Effect:** This amendment removes the Pine Lake Watershed parcel map and replaces it with
10 a parcel maps for the entire Lake Sammamish drainage basin. With the adoption of the
11 Special Requirement for the entire Lake Sammamish drainage basin, the Pine Lake
12 Watershed Special Requirement becomes redundant and is no longer needed. The Lake
13 Sammamish drainage basin Special Requirement is necessary to comply with the King
14 County's National Pollution Discharge Elimination System stormwater permitting
15 requirements.

Clerk 1/26/98 -

Appendix B to Proposed Ordinance _____

1 AMENDMENT TO APPENDIX B OF ORDINANCE 12822; Area-Specific Drainage
2 Conditions.

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4 On Page 1, remove the entire section "1. PINE LAKE WATERSHED" and replace with the
5 following: :

6
7 1. SENSITIVE LAKE PROTECTION FOR LAKE SAMMAMISH DRAINAGE BASIN
8 (Lake Sammamish National Pollution Discharge Elimination System stormwater permitting
9 requirement; Appendix B of Ordinance 12822 as amended by Ordinance _____)

10
11 The following special requirement shall be applied to all properties within the Lake
12 Sammamish drainage basin that contain 5,000 square feet or more of new and/or replaced
13 pollution-generating impervious surface and to which more stringent requirements do not
14 already apply under Public Rule PUT 8-7 (PPR) K.C.C.9.08: Beaver Lake Management
15 Plan. (see Special Requirement 15.1 Map):

16
17 Runoff from impervious surfaces in the Lake Sammamish drainage basin must be treated to
18 remove 50 percent of the total phosphorus concentration before discharge into tributaries,
19 either natural or engineered, of Lake Sammamish. At a minimum, this goal may be met by
20 treating the water quality flow (defined below) using any of the three on-site treatment
21 options below, or another option approved by the department of development and
22 environmental services and demonstrated to provide an equivalent level of pollutant
23 removal on an annual average basis.

24
25 Option 1: A large wetpond having a dead storage volume equal to or greater than 4.5 times
26 the runoff from the mean annual storm and design features consistent with the wetpond
27 design in the proposed February 1996 update to the King County Surface Water Design
28 Manual.

29
30 Option 2: A large sand filter treating 95 percent of the annual average runoff volume in the
31 KCRTS time series, and having design features consistent with the sand filter design in the
32 proposed February 1996 update to the King County Surface Water Design Manual. If a
33 detention facility does not precede the sand filter, a presettling pond or vault must precede
34 the sand filter, with the presettling pond sized to hold a volume of 0.75 times the runoff
35 from the mean annual storm.

36
37 Option 3: A two-facility treatment train, with the first facility sized to treat the water
38 quality flow defined below and the second facility a sand filter sized to treat the flow from
39 the first facility. The design of the two facilities shall be consistent with the proposed
40 February 1996 update to the King County Surface Water Design Manual.

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The water quality design flow can be found using one of the following:

1. flow generated by 64 percent of the 2-year, 24-hour precipitation (SBUH model),
2. flow generated by 60 percent of the developed 2-year peak flow rate (KCRTS modeled with 15-minute timesteps), or for ponds,
3. 95 percent of the annual average runoff volume in the KCRTS time series.

Effect: This amendment removes the Pine Lake Watershed special drainage requirement and replaces it with a special drainage requirement for the entire Lake Sammamish drainage basin. With the adoption of the Special Requirement for the entire Lake Sammamish drainage basin, the Pine Lake Watershed Special Requirement becomes redundant and is no longer needed. The Lake Sammamish drainage basin Special Requirement is necessary to comply with the King County's National Pollution Discharge Elimination System stormwater permitting requirements.