



**KING COUNTY**

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

**Signature Report**

**July 11, 2005**

**Ordinance 15232**

**Proposed No.** 2005-0296.1

**Sponsors** Edmonds and Lambert

1                   AN ORDINANCE approving the June 2005 amendment to  
2                   the Sammamish Plateau Water and Sewer District  
3                   Comprehensive Wastewater Plan.

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6                   **PREAMBLE:**

7                   K.C.C. chapter 13.24 requires approval of sewer utility comprehensive  
8                   plans as a prerequisite to the granting of right-of-way franchises and  
9                   approval of right-of-way construction permits.

10                  K.C.C. 13.24.090 and 13.24.134 authorize expansion of sewer service in  
11                  rural areas to meet the needs of public schools only when tightlined, and  
12                  when based upon a finding by the King County utilities technical review  
13                  committee ("UTRC") that no cost-effective alternative technology is  
14                  feasible. The decision on such an expansion is to be made in the form of  
15                  an approval of a sewer comprehensive plan or of an amendment to such a  
16                  plan.

17 The Sammamish Plateau Water and Sewer District ("the district") has an  
18 existing comprehensive wastewater plan that was initially approved by  
19 King County on August 30, 1983 (Ordinance 6506). That plan has  
20 subsequently been amended several times, with the last such amendment  
21 approved by King County on May 12, 1995 (Ordinance 11768).  
22 In October 2003, the district's board of commissioners approved a new  
23 Draft Wastewater Comprehensive Plan ("draft plan") for distribution and  
24 review. The draft plan includes a proposed change in the district's sewer  
25 service area boundaries to include a site on the Issaquah-Fall City Road  
26 chosen by the Issaquah School District for a new ninth-grade campus.  
27 The school site is within the existing district corporate boundaries,  
28 adjacent to the existing sewer service area, and in an area designated rural  
29 under the King County Comprehensive Plan.  
30 The district issued a determination of nonsignificance ("DNS") for the  
31 draft plan on November 4, 2003, in accordance with the state  
32 Environmental Policy Act ("SEPA").  
33 In accordance with K.C.C. chapter 13.24, the UTRC reviewed the draft  
34 plan on February 11, 2004, and conditionally approved it, pending  
35 modifications to the draft plan in response to UTRC comments. King  
36 County has not yet received the revised draft plan from the district.  
37 The district is in the process of revising and modifying the full draft plan  
38 to respond to comments and changes requested by the city of Sammamish,  
39 city of Issaquah and the Department of Ecology, as well as King County,

40 and will submit the updated plan to King County and others for review  
41 before adoption of the final plan by the board of commissioners.

42 The water and sewer district has issued a certificate of sewer availability  
43 to the school district for the school. The school district plans to open the  
44 school in the fall of 2005. It recently became clear to the water and sewer  
45 district and the Issaquah School District that the draft plan would not be  
46 adopted in time to allow the new school to connect to sewers in time for  
47 the beginning of the 2005/2006 school year. Therefore, in order to meet  
48 the construction schedule of the Issaquah School District for the ninth-  
49 grade campus, on June 6, 2005, the water and sewer district's board of  
50 commissioners adopted Resolution No. 3319, an amendment to its current  
51 comprehensive wastewater plan ("June 6 amendment") solely to revise its  
52 sewer service area to include service to the Issaquah School District's  
53 ninth-grade campus, as was proposed in the draft plan.

54 Exhibit N to the proposed amendment includes the SEPA DNS issued on  
55 November 4, 2003, for the full draft plan, which includes the substantive  
56 provisions of the June 6 amendment adopted by the board of  
57 commissioners.

58 On April 20, 2005, the UTRC made the finding required under K.C.C.  
59 13.24.090 and 13.24.134, based on correspondence from the Seattle-King  
60 County department of public health, and contingent on receipt from the  
61 Issaquah School District of consolidated technical information as to costs  
62 and feasibility of wastewater alternatives. The UTRC received the

63 technical information, and confirmed the finding under K.C.C. 13.24.090  
64 and 13.24.134 that no cost-effective alternatives technologies to extended  
65 sewer service are feasible at its meeting on May 26, 2005.

66 On June 8, 2005, the UTRC approved the amendment to the district's draft  
67 plan.

68 The UTRC recommends that the council approve the June 6 amendment.

69 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

70 SECTION 1. The June 6, 2005, amendment to the Sammamish Plateau Water

**Ordinance 15232**

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71 and Sewer District Comprehensive Sewer System Plan, Attachment A to this ordinance,  
72 is hereby approved without conditions.

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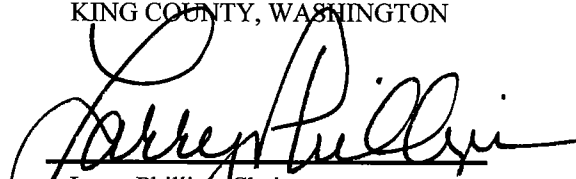
Ordinance 15232 was introduced on 6/27/2005 and passed by the Metropolitan King County Council on 7/11/2005, by the following vote:

Yes: 13 - Mr. Phillips, Ms. Edmonds, Mr. von Reichbauer, Ms. Lambert, Mr. Pelz, Mr. Dunn, Mr. Ferguson, Mr. Hammond, Mr. Gossett, Ms. Hague, Mr. Irons, Ms. Patterson and Mr. Constantine.

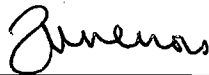
No: 0

Excused: 0

KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON

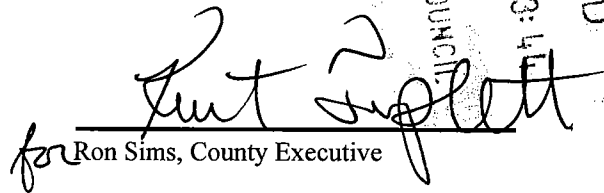
  
Larry Phillips, Chair

ATTEST:



Anne Noris, Clerk of the Council

APPROVED this 13<sup>th</sup> day of July, 2005.

  
for Ron Sims, County Executive

RECEIVED  
2005 JUL 15 PM 3:44  
CLERK  
KING COUNTY COUNCIL

**Attachments** A. Sammamish Plateau Water and Sewer District - Amendment to the Comprehensive Wastewater Plan - June 6, 2005

**15232**

**ATTACHMENT A.**

**2005-296**



**SAMMAMISH PLATEAU  
WATER & SEWER DISTRICT**

**AMENDMENT TO  
THE COMPREHENSIVE WASTEWATER PLAN**

**JUNE 6, 2005**

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**SAMMAMISH PLATEAU  
WATER & SEWER DISTRICT**

**AMENDMENT TO  
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**JUNE 6, 2005**



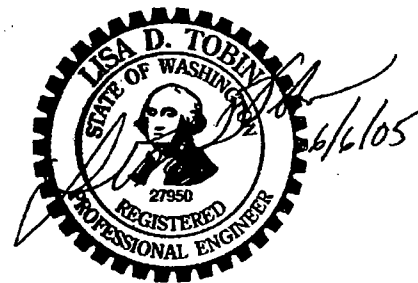
**SAMMAMISH PLATEAU  
WATER & SEWER DISTRICT**

**AMENDMENT TO  
THE COMPREHENSIVE WASTEWATER PLAN**

**JUNE 6, 2005**

**PREPARED BY**

**Lisa Tobin, P.E.  
Sammamish Plateau Water and Sewer District  
1510 - 228th Avenue SE  
Sammamish, WA 98075**



**EXPIRES: 9/17/ 2006**

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## FIGURES

Figure 1	Existing Sewer System
Figure 2	Sewer Facilities for the 9 <sup>th</sup> Grade Campus

## EXHIBITS

- A. Resolution 3319 adopting June 2005 Comprehensive Wastewater Plan Amendment
- B. Resolution 1686 adopting 1994 Comprehensive Wastewater Plan Amendment
- C. Resolution A-802 adopting 1987 Comprehensive Wastewater Plan Amendment
- D. Resolution A-554 adopting 1984 Comprehensive Wastewater Plan Amendment
- E. Resolution A-511 adopting 1983 Comprehensive Wastewater Plan
- F. King County UTRC Minutes with comments to 2003 Draft Comprehensive Wastewater Plan.
- G. King County Ordinance 8495 approving the 1987 Comprehensive Wastewater Plan Amendment
- H. King County Ordinance 6779 approving the 1984 Comprehensive Wastewater Plan Amendment
- I. King County Ordinance 6506 approving the 1983 Comprehensive Wastewater Plan
- J. King County Ordinance 11768 approving the 1994 Comprehensive Wastewater Plan Amendment
- K. 2004 King County Comprehensive Plan Update: Chapter 7 - Services, Facilities and Utilities; Part II - Facilities and Services; Section I - Public Sewers and On-Site Wastewater Treatment and Disposal Systems; Policy F-249
- L. King County Code Excerpts from Section 21A.08.050 - General Services Land Uses
- M. Reports regarding On-Site Septic Disposal Potential for the Issaquah 9th Grade Campus
- N. SEPA Checklist and DNS for 2003 Draft Wastewater Comprehensive Plan

**SAMMAMISH PLATEAU WATER AND SEWER DISTRICT  
AMENDMENT TO COMPREHENSIVE WASTEWATER PLAN  
ADOPTED BY RESOLUTION NO. 3319  
JUNE 6, 2005**

The Issaquah School District (the "School District") is proposing to build a middle school on a forty-five-acre site located southeast of Issaquah-Fall City Road at approximately 247th Avenue SE (if extended). The Issaquah 9th Grade Campus (aka "Pacific Cascade") includes eight separate tax parcels including 142406-9013, 142406-9019, 142406-9027, 142406-9095, 232406-9006, 232406-9007, 232406-9025 and 232406-9026.

The Issaquah 9th Grade Campus is located in the Sammamish Plateau Water and Sewer District ("SPWSD") corporate boundaries and adjacent to the current SPWSD Sewer Service Area, in an area currently designated rural and zoned RA-5-P. This amendment to the Comprehensive Wastewater Plan is to allow sewer service to the proposed school by the SPWSD, through a tightline system allowed by King County for service to schools in the Rural Area.

**I. COMPREHENSIVE WASTEWATER PLAN AMENDMENT**

The SPWSD Comprehensive Wastewater Plan, as set forth in the document entitled "Comprehensive Wastewater Plan for Water and Sewer District 82 of King County," prepared by RH2 Engineering, P.S. dated April, 1983, was adopted on June 6, 1983, by District Resolution No. A-511 (Exhibit E), and approved on August 30, 1983 by King County Ordinance No. 6506 (Exhibit I). This Comprehensive Wastewater Plan has been amended several times since its initial adoption: by District Resolution No. A-554 adopted on March 5, 1984 (Exhibit D) and approved by King County Ordinance No. 6779 on May 22, 1984 (Exhibit H); by District Resolution No. A-802 adopted on October 19, 1987 (Exhibit C) and approved by King County Ordinance No. 8495 on May 12, 1988 (Exhibit G).

The SPWSD is currently in the process completing a full update of the SPWSD Comprehensive Wastewater Plan, considering all aspects of providing sewer service to the urban areas of the District. The plan considers land use regulations within three jurisdictions, Unincorporated King County, the City of Sammamish and the City of Issaquah. The Comprehensive Wastewater Plan Update evaluates the District's future sewer service area boundaries, policies for accommodating growth of the sewer system, land use and associated flow projections, and develops a planning level conceptual layout for the construction of sewers, pump stations and sewage collection facilities.

The October 2003 Draft Wastewater Comprehensive Plan was approved for distribution by the SPWSD Board of Commissioners in October 2003 and reflects the wastewater plans, policies and regulations of the District. The Plan has been distributed to several public agencies and made available for the public for review. The SPWSD has received comments on the draft and is in the process of incorporating some requested modifications to the October 2003 Draft Plan. The modified October 2003 Draft Plan will be resubmitted to the City of Sammamish, City of Issaquah, King County and the Washington State Department of Ecology for their approval, and

then the SPWSD Board of Commissioners will affirm their adoption of the Final Wastewater Comprehensive Plan.

This SPWSD Wastewater Plan Amendment addresses one provision from the October 2003 Draft Wastewater Comprehensive Plan, allowance of sewer service to a new school site located in the rural area, so that it can be approved more quickly than the entire plan update.

The SPWSD Comprehensive Wastewater Plan is hereby further amended as described in this Wastewater Plan Amendment.

## II. SEWER FOR THE NEW ISSAQUAH 9TH GRADE CAMPUS - PACIFIC CASCADE

### A. SCHOOL TIGHTLINE ORDINANCE

The 9th Grade Campus property is located on the southeast side of Issaquah-Fall City Road, approximately one-half mile northeast of the intersection of Issaquah-Fall City Road and Issaquah-Pine Lake Road. In this area the Issaquah-Fall City Road forms the boundary between the urban and rural area, as designated by the King County Comprehensive Plan. The 9th Grade Campus property is located on the rural side of the road. The 2004 King County Comprehensive Plan Update, King County Ordinance No. 15032 and King County Code, Section 21A.080.050 - General Services Land Uses, all permit middle schools as conditional uses in the rural area.

Policy F-249 found in Chapter 7 - Services, Facilities and Utilities, Part II Facilities and Services, Section I Public Sewers and On-Site Wastewater Treatment and Disposal Systems states in part

F-249 - ... Public sewer expansions shall not occur in the Rural Area ... except where needed to address ... the needs of public schools or public school facilities. Public sewers may be extended, pursuant to this policy, only if they are tightlined and only after a finding is made by King County that no reasonable alternative technologies are technologically or economically feasible. Utility providers shall ensure, through a signed agreement between the school district and the utility provider, that any sewer service permitted for the school district is designed only to serve public schools or public school facilities. ....

Section 12 of Ordinance No. 15032 indicates that middle schools may be considered a conditional use in the rural area. Development Condition 15 found in Part B of Section 12 states in part

Development of middle schools is limited to projects which do not require or result in an expansion of sewer service outside the urban growth area, unless a finding is made that no cost-effective alternative technologies are feasible, in which case a tightline sewer sized only to meet the needs of the public school, as defined in RCW 28A.150.010, or the school facility and serving only the public school or the school facility may be used.

### B. SEWER FACILITIES FOR ISSAQUAH 9TH GRADE CAMPUS

The nearest facilities that can be extended to provide sewer to the 9th Grade Campus are located on the SE 48th Street alignment at the 243rd Avenue alignment (if both extended). To

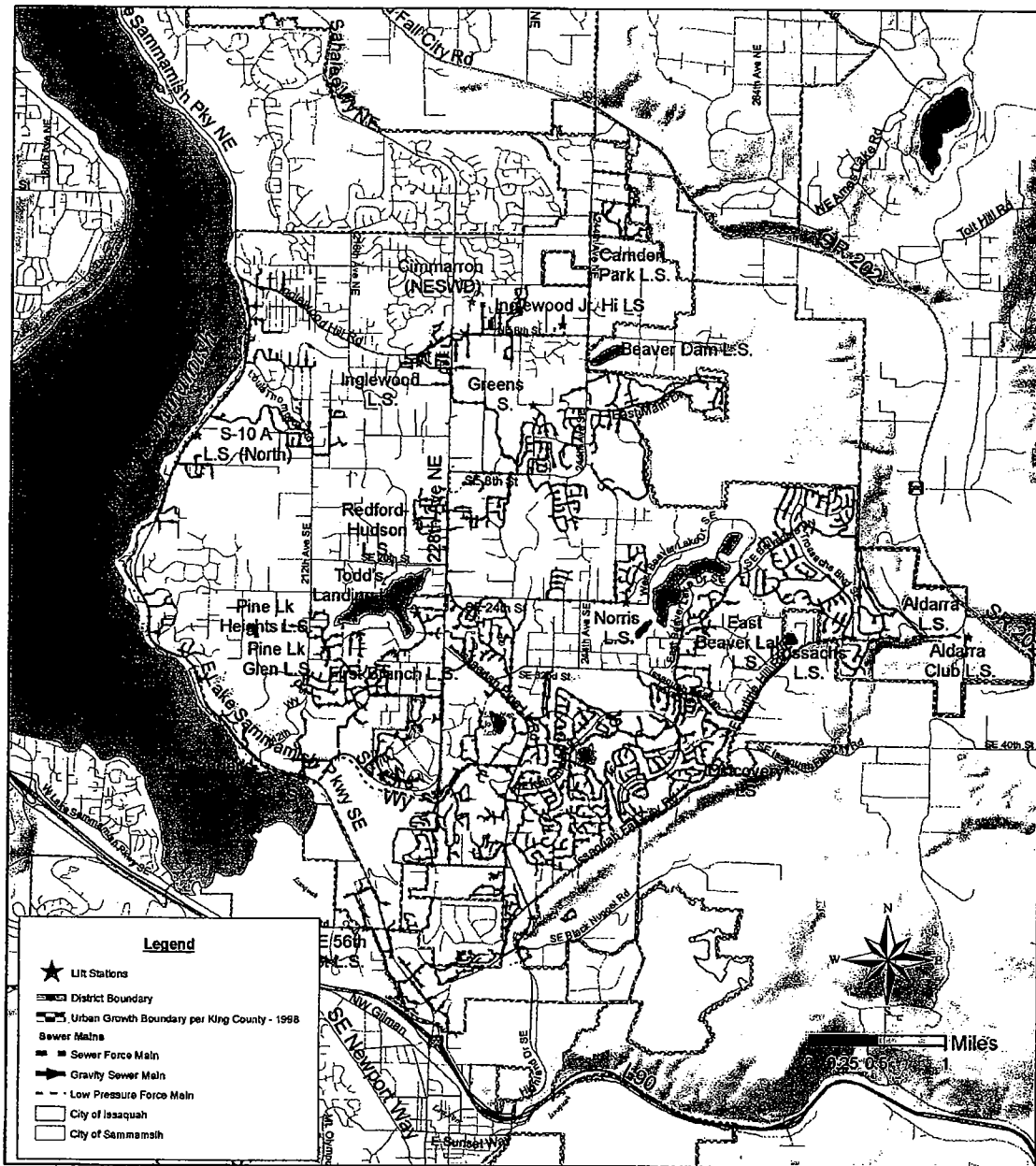
provide sewer service to the school the offsite gravity sewer main must be extended east along the SE 48th alignment, until it intersects with Issaquah-Fall City Road, and then northeast along Issaquah-Fall City Road to the school site.

The offsite sewer facility extension described to reach the school site is required to provide service to the urban area on the northwest side of Issaquah-Fall City Road. There are currently two residential subdivision projects being processed by King County that would be required to install the same sewer facilities along SE 48th and Issaquah-Fall City Road to receive sewer service. However, the timing of the school project requires the offsite sewer facility be installed in conjunction with the school project, instead of with the subdivision projects.

The sewer facility extension being provided for the school service, the on-site sewer facility, will include approximately 280 feet of eight-inch diameter sewer main extended from Issaquah-Fall City Road into the site, and approximately 110 feet of 6-inch diameter side sewer. This on-site sewer "tightline" is intended to provide service only to the school facility. The on-site sewer enters the school site in the middle of the school property, at a point approximately 300 feet northeast of the southwestern school entrance drive. The facility is the smallest size gravity sewer main per SPWSD and Department of Ecology standards. The "tightline" status of the on-site sewer facilities into the school site will be maintained by the remoteness of the facility from adjacent rural properties.

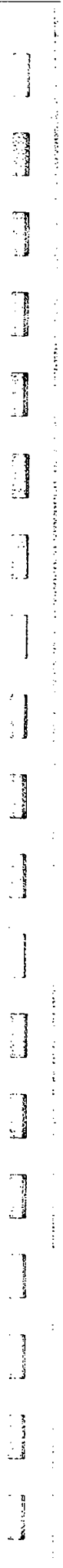
#### C. ON-SITE WASTEWATER FACILITIES

Under the Seattle-King County Department of Public Health Rules and Regulations No. 3 and Table D of Part VI of the Rules and Regulations, schools can not be served by on-site systems. The Issaquah School District has complied with the requirements of the 2004 King County Comprehensive Plan Update and Ordinance 15032 and determined that no cost-effective alternative technologies are feasible. (Exhibit N)

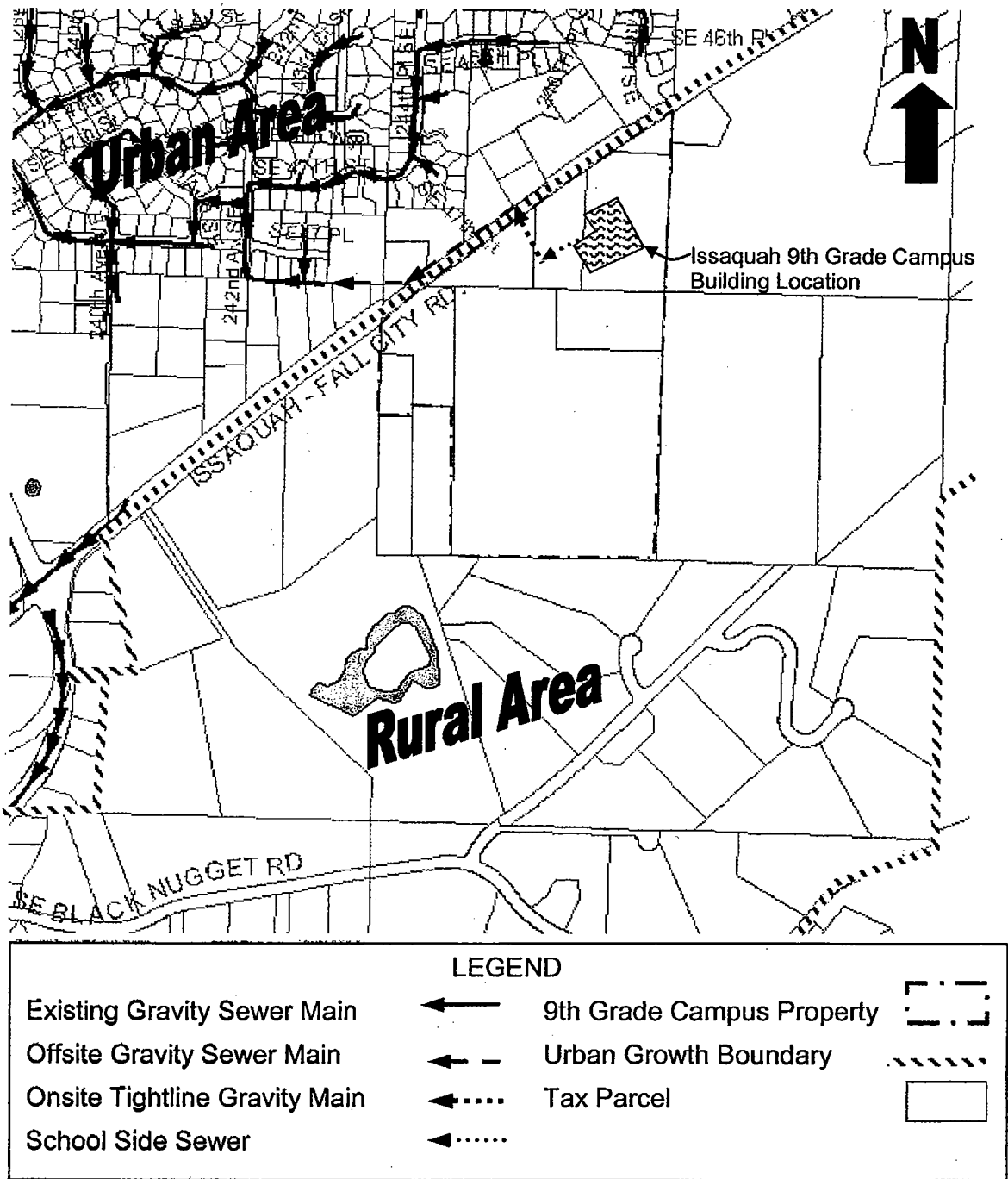


**Figure 1 - Existing Sewer System**  
 Wastewater Comprehensive Plan Amendment  
 Sammamish Plateau Water & Sewer District

**SAMMAMISH PLATEAU WATER AND SEWER DISTRICT**  
 Geographic Information Systems  
 1610 - 229th Ave. S.E. - Sammamish, Washington 98075  
 (425) 867-6764 • Fax (425) 361-5388 • www.sammplatwa.org  
 Map Document: P:\GIS Projects\GIS\0513005132.mxd  
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**FIGURE 2  
SEWER FACILITIES FOR THE 9<sup>TH</sup> GRADE CAMPUS**





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**EXHIBIT A**

**Resolution 3319 adopting June 2005 Comprehensive Wastewater Plan Amendment**

**SAMMAMISH PLATEAU WATER & SEWER DISTRICT  
KING COUNTY, WASHINGTON**

**RESOLUTION NO. 3319**

RESOLUTION OF THE BOARD OF COMMISSIONERS OF SAMMAMISH PLATEAU WATER AND SEWER DISTRICT, KING COUNTY, WASHINGTON, ADOPTING AN AMENDMENT TO THE DISTRICT'S COMPREHENSIVE WASTEWATER PLAN.

**WHEREAS**, the Sammamish Plateau Water and Sewer District ("District") is authorized by RCW 57.08.005 to establish, maintain and operate a water and sewer system; and

**WHEREAS**, RCW 57.16.010 authorizes the District to adopt a general comprehensive plan for a system of sewers in the District and the District has previously done so by Resolution No. A511 and as amended by Resolutions A-554, A-802 and 1686 ("Comprehensive Wastewater Plan"); and

**WHEREAS**, the Issaquah School District is constructing a middle school ("School") in the rural area of the District and has requested the School be served by public sewers; and

**WHEREAS**, King County allows public schools in rural areas to receive public sewer service under certain conditions, including a condition that King County's decision to allow public sewer service be made in the form of County approval of a sewer comprehensive plan or sewer comprehensive plan amendment; and

**WHEREAS**, the District Board of Commissioners has approved the October 2003 Draft Wastewater Comprehensive Plan update ("Updated Plan") for distribution, and the Updated Plan has been distributed to certain public agencies and made available for the public for review, and the District is in the process of incorporating requested modifications to the Updated Plan prior to resubmittal of the Updated Plan to certain public agencies for their approval; and

**WHEREAS**, the final approval of the Updated Plan will not be completed prior to the proposed opening of the School; and

**WHEREAS**, the District Board of Commissioners now deems it desirable to adopt an amendment ("Amendment") to the Comprehensive Wastewater Plan pursuant to RCW 57.16.010, subject to King County's approval of the Amendment; and

**WHEREAS**, the District undertook compliance with the State Environmental Policy Act ("SEPA") for both the Comprehensive Wastewater Plan and the Updated Plan, and the provision

Resolution No. 3319

of public sewer service to rural areas of King County under certain circumstances as approved by King County was addressed in the SEPA compliance; now therefore,

**BE IT RESOLVED**, by the Board of Commissioners of Sammamish Plateau Water & Sewer District, King County, Washington, as follows:

1. The Amendment as entitled "Amendment to the Comprehensive Wastewater Plan for the Sammamish Plateau Water and Sewer District" dated June 6, 2005, is hereby incorporated herein by this reference as if set forth in full.
2. The Amendment is hereby approved and adopted as an Amendment to the Comprehensive Wastewater Plan.

**ADOPTED** by the Board of Commissioners of Sammamish Plateau Water and Sewer District, King County, Washington, at a regular open public meeting held on the 6th day of June, 2005.

*Individual Commissioner's  
Vote on this Resolution:*

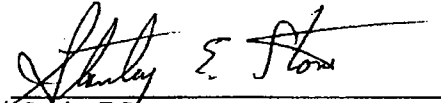
Approved:  \_\_\_\_\_  
Opposed:  \_\_\_\_\_  
Abstained:  \_\_\_\_\_  
Absent:  \_\_\_\_\_

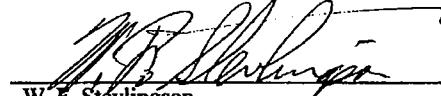
Approved:  \_\_\_\_\_  
Opposed:  \_\_\_\_\_  
Abstained:  \_\_\_\_\_  
Absent:  \_\_\_\_\_


Approved:  \_\_\_\_\_  
Opposed:  \_\_\_\_\_  
Abstained:  \_\_\_\_\_  
Absent:  \_\_\_\_\_

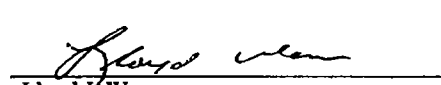
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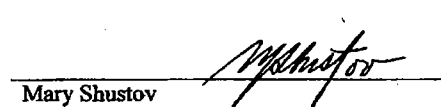
Approved:  \_\_\_\_\_  
Opposed:  \_\_\_\_\_  
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Absent:  \_\_\_\_\_

  
\_\_\_\_\_  
Stanley E. Stone  
President and Commissioner

  
\_\_\_\_\_  
W. F. Stevlingson  
Vice President and Commissioner

  
\_\_\_\_\_  
Thomas C. Harman  
Secretary and Commissioner

  
\_\_\_\_\_  
Lloyd J. Warren  
Commissioner

  
\_\_\_\_\_  
Mary Shustov  
Commissioner

Resolution No. 3319

## EXHIBIT B

### Resolution 1686 adopting 1994 Comprehensive Wastewater Plan Amendment

#### SAMMAMISH PLATEAU WATER & SEWER DISTRICT KING COUNTY, WASHINGTON

RESOLUTION NO. 1686

RESOLUTION OF THE BOARD OF COMMISSIONERS OF SAMMAMISH PLATEAU WATER AND SEWER DISTRICT, KING COUNTY, WASHINGTON, ADOPTING AN AMENDMENT TO THE DISTRICT'S COMPREHENSIVE WASTEWATER PLAN AND DETERMINING THAT SUCH PLAN AMENDMENT DOES NOT HAVE A SIGNIFICANT ADVERSE ENVIRONMENTAL IMPACT.

WHEREAS, the Sammamish Plateau Water and Sewer District ("District") is authorized by RCW 57.08.065 to establish, maintain and operate a water and sewer system within its water district area in the same manner as provided by Title 56, RCW; and

WHEREAS, RCW 56.08.020 authorizes the District to adopt a general comprehensive plan for a system of sewers in the District and the District has previously done so by Resolution No. 511 and as amended by Resolution A-802; and

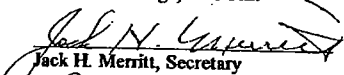
WHEREAS, the District Board of Commissioners now deems it desirable to adopt an amendment to the District's Comprehensive Wastewater Plan pursuant to RCW 56.08.020; now, therefore,

**BE IT RESOLVED**, by the Board of Commissioners of Sammamish Plateau Water & Sewer District, King County, Washington, as follows:

1. That certain document entitled Comprehensive Wastewater Plan Amendment for the Sammamish Plateau Water and Sewer District dated July, 1994, as drafted promulgated and proposed by Sitts & Hill Engineers, Inc., is hereby incorporated herein by this reference as if set forth in full.
2. That such Comprehensive Wastewater Plan Amendment is hereby adopted as an amendment to the District's Wastewater General Comprehensive Plan referenced above previously adopted by Resolution No. A-511, and amended by Resolution A-802.
3. That the amendment to the District's Wastewater General Comprehensive Plan is tentatively determined to not have a significant adverse environmental impact and the District Manager is hereby directed to prepare and file a Declaration of Proposed Non-Significance in accordance with WAC 197-11-340 and other applicable environmental regulations.

**ADOPTED** at a regular open public meeting of the Board of Commissioners, Sammamish Plateau Water & Sewer District, King County, Washington, held on the 1st day of August 1994.

  
Robert E. George, President

  
Jack H. Merritt, Secretary

  
Gifford W. Miller, Commissioner

Resolution No. 1686

**EXHIBIT C**  
**Resolution A-802 adopting 1987 Comprehensive Wastewater Plan Amendment**

SAMMAMISH PLATEAU WATER AND SEWER DISTRICT

KING COUNTY, WASHINGTON

RESOLUTION NO. A- 802

A RESOLUTION OF THE BOARD OF COMMISSIONERS OF SAMMAMISH PLATEAU WATER AND SEWER DISTRICT, KING COUNTY, WASHINGTON, ADOPTING AN AMENDMENT TO THE DISTRICT'S COMPREHENSIVE WASTEWATER PLAN AND DETERMINING THAT SUCH PLAN AMENDMENT DOES NOT HAVE A SIGNIFICANT ADVERSE ENVIRONMENTAL IMPACT.

WHEREAS, the Sammamish Plateau Water and Sewer District (the "District") is authorized by RCW 57.08.065 to establish, maintain and operate a water and sewer system within its water district area in the same manner as provided by Title 56, RCW; and

WHEREAS, RCW 56.08.020 authorizes the District to adopt a general comprehensive plan for a system of sewers in the District and the District has previously done so by Resolution No. A-511;

WHEREAS, the District Board of Commissioners now deems it desirable to adopt an amendment to the District's Comprehensive Wastewater Plan pursuant to RCW 56.08.020; now, therefore,

BE IT RESOLVED by the Board of Commissioners of Sammamish Plateau Water and Sewer District, King County, Washington as follows:

1. That certain document entitled Comprehensive Wastewater Plan Amendment for the Sammamish Plateau Water and Sewer District dated September, 1987, as drafted, promulgated and proposed by RH2 Engineering, Engineers, is hereby incorporated herein by this reference as if set forth in full.
2. That such Comprehensive Wastewater Plan Amendment is hereby adopted as an amendment to the District's Wastewater General Comprehensive Plan referenced above previously adopted by Resolution No. A-511.
3. That the amendment to the District's Wastewater General Comprehensive Plan is tentatively determined to not have a significant adverse environmental impact and the District Manager is hereby directed to prepare and file a Declaration of Proposed Non-Significance in accordance with WAC 197-11-340 and other applicable environmental regulations.

ADOPTED by the Board of Commissioners of Sammamish Plateau Water and Sewer District, King County, Washington, at a regular open public meeting thereof held on the 19th day of October, 1987.

*Russ H. Shuman*  
President and Commissioner

\_\_\_\_\_  
Commissioner

*Archie French*  
Secretary and Commissioner

ATTEST:

\_\_\_\_\_  
Archie French, Secretary

I, the undersigned Secretary of the Board of Commissioners of Sammamish Plateau Water and Sewer District, King County, Washington do hereby certify that the within and foregoing is a true and correct copy of Resolution No. A-802 adopted at a regular open public meeting thereof on the 19th day of October, 1987.

*Archie French*  
Archie French

0931m

A-802

## EXHIBIT D

### Resolution A-554 adopting 1984 Comprehensive Wastewater Plan Amendment

RESOLUTION NO. A-554

RESOLUTION OF THE BOARD OF WATER COMMISSIONERS OF WATER DISTRICT #82, KING COUNTY, WASHINGTON, AMENDING ITS COMPREHENSIVE WASTE WATER PLAN TO INCORPORATE THE PROVISIONS OF THE JOINT PLANNING AGREEMENT WITH THE CITY OF ISSAQUAH.

WHEREAS, on the 6th day of June, 1983, the Board of Commissioners passed Resolution No. A-511 adopting a new Comprehensive Waste Water Plan for the District, and

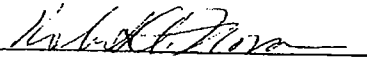
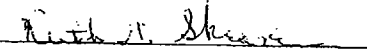
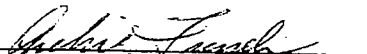
WHEREAS, on the 29<sup>th</sup> day of February, 1984, the District entered into a Joint Planning Agreement with the City of Issaquah which agreement provides certain terms and conditions respecting sewer service to an area generally referred to as the Freegard Annexation Area, and

WHEREAS, it is both necessary and desirable to amend the District's Comprehensive Waste Water Plan to include the provisions of the Joint Planning Agreement, Now Therefore

BE IT RESOLVED by the Board of Commissioners of King County Water District #82 as follows:

1. That the District's Comprehensive Waste Water Plan adopted pursuant to Resolution A-511 be and it hereby is amended to incorporate by this reference all of the terms and conditions of that certain Joint Planning Agreement by and between the District and the City of Issaquah dated February \_\_\_\_\_, 1984.

ADOPTED at a regular meeting of the Board of Commissioners of Water District #82, King County, Washington, held on the 5th day of March, 1984.

  
  
  
COMMISSIONERS

A-554

**EXHIBIT E**  
**Resolution A-511 adopting 1983 Comprehensive Wastewater Plan**

RESOLUTION NO. A- 511

RESOLUTION OF THE BOARD OF WATER COMMISSIONERS  
OF WATER DISTRICT #82, KING COUNTY, WASHINGTON,  
ADOPTING A NEW COMPREHENSIVE WASTE WATER PLAN  
FOR THE DISTRICT

WHEREAS, Washington State Law and local ordinances require that a water district operating as a sewer district review, revise and amend its comprehensive waste water plan from time to time, and

WHEREAS, in the spring of 1982, the Board of Commissioners determined upon a plan to develop a Waste Water Plan and a method and manner of financing the plan and

WHEREAS, the Board of Commissioners together with District personnel and consultants have developed a new Comprehensive Waste Water Plan dated April 1983, 1983, after having investigated all portions and sections of its planning area and said plan sets forth in general terms a system of sewers (conventional and on site) suitable and adequate for present and reasonably foreseeable future needs of the District, and

WHEREAS, said plan does provide various methods for the disposal of sewage and industrial and other liquid wastes now produced or which may reasonably be expected to be produced within the planning area of the District, and

WHEREAS, said plan does provide for the acquisition or construction and installation of laterals, trunk sewers, intercepting sewers, syphons, pump stations or other sewage collection facilities and said plan does provide for a method of distributing the cost and expense of the sewer system provided therein, and

WHEREAS, the Board of Commissioners has carefully reviewed and considered the environmental checklist prepared by Mark Spahr, General Manager of the District,

NOW THEREFORE, BE IT RESOLVED by the Board of Water Commissioners of Water District #82 as follows:

1. That the publication captioned "Comprehensive Waste Water Plan" for Water and Sewer District #82 of King County, Washington, dated APRIL 1983, be and the same is hereby adopted and approved as the general Comprehensive Plan for a system of sewers (conventional and on site) for the District pursuant to RCWA 56.08.020.

-1-



2. That the Environmental Checklist for said Comprehensive Waste Water Plan, together with Declaration of 'Non-Significance prepared by the District's manager, Mark Spahr, be and the same are hereby approved.

3. That Mark D. Spahr, as general manager of the District, is hereby authorized and directed to make further environmental analysis as required, on a case by case or project by project basis, during the course of the implementation of the Comprehensive Waste Water Plan.

ADOPTED by the Board of Commissioners of King County Water District #82 at a regular open public meeting held on the 6th day of June, 1983.

*Robert D. ...*  
*Richard M. ...*  
*Arthur French*  
COMMISSIONERS

-2-

A-511

## EXHIBIT F

### UTRC Meeting Minutes February 11, 2004

#### Attendees:

Bruce Bennett  
Peggy Dorothy  
Delite Morris  
Mike Reed  
Bernard Thompson  
Jay Regenstreif, Sammamish Plateau Water and Sewer District  
Paige Igoe, Montgomery Watson

#### **Review of Sammamish Plateau Water and Sewer District sewer plan**

The UTRC conditionally approved the plan. Specific comments that need to be addressed are the following:

#### Chapter 2

Modify the existing figures and text in this section (and in the Executive Summary) to clearly reflect that public sewer service is not allowed in the rural area except under very limited circumstances, and then only with the review and approval of King County. The review process includes a technical evaluation, in coordination with Public Health, of whether or not any on-site treatment options are feasible. Of the rural properties listed for sewer service, indicate which are already served and which are proposed for potential service pending King County approval.

#### Page 3-10

An ERU use of 225 gal/d is cited. This number appears to be too high based on 1999 winter water use, which appears to be about 206 gal/ERU/d. Please confirm that this number is accurate. If it's not, please revise the tables and text in the plan to reflect the new number.

#### Chapter 5

Include summary tables of projected flows by basin. The tables should include projected sanitary flows and projected I/I (explain how the projected I/I is consistent with monitoring data). The tables should also reflect the expected reduction in sanitary flows due to the District's water conservation program. The District should examine if any of its planned sewer pump stations could be deferred due to the reduced flows.

#### Chapter 7

The UTRC is pleased that the District is examining the potential for reclaimed water use. The District should be aware, however, that King County would need to be involved in any discussion of water reclamation within the District. This is due to the fact that King County, not the District, has an NPDES permit from Ecology for discharge of treated wastewater. The water reclamation legislation applies only to those entities with NPDES permits as it is those entities over whom Ecology has permitting and enforcement authority. Please modify the text to include the District's need to coordinate with King County.

**EXHIBIT G**  
**King County Ordinance 8495 approving the**  
**1987 Comprehensive Wastewater Plan Amendment**

1561E/HK:1t

PROPOSED A : 88-225

ORDINANCE NO. **8495**

AN ORDINANCE conditionally approving the Sammamish Plateau Water and Sewer District Amendment to their Wastewater Comprehensive Plan.

**PREAMBLE:**

On October 26, 1987, the Sammamish Plateau Water and Sewer District completed a Declaration of Non-significance to comply with the State Environmental Policy Act (for their sewer plan).

On October 19, 1987, the Board of Commissioners of the Sammamish Plateau Water and Sewer District passed Resolution A-802 adopting an Amendment to their Wastewater Comprehensive Plan.

On January 20, 1988, the Sammamish Plateau Water and Sewer District submitted an Amendment to their Wastewater Comprehensive Plan to King County pursuant to K.C.C. 13.24.

On February 9, 1988, the Utilities Technical Review Committee met and recommended approval of the Sammamish Plateau Water and Sewer Districts Amendment to their Comprehensive Wastewater Plan with a condition.

**BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:**

**SECTION 1.** The Sammamish Plateau Water and Sewer District Amendment to their Wastewater Comprehensive Plan adopted by the Board of Commissioners of the Sammamish Plateau Water and Sewer District by Resolution A-802 is hereby approved, with the following condition:

April 20, 1988

8495

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The Sammamish Plateau Water and Sewer District Amendment to its Wastewater Comprehensive Plan is approved to serve areas within the current and proposed Local Service Area boundaries which are designated by either the East Sammamish Community Plan or King County Sewerage General Plan.

INTRODUCED AND READ for the first time this 4<sup>th</sup> day of April, 1988.

PASSED this 2nd day of May, 1988.

KING COUNTY COUNCIL  
KING COUNTY WASHINGTON

Gary Grant  
Chair

ATTEST:

Janet M. Owens  
Clerk of the Council

APPROVED this 12<sup>th</sup> day of May, 1988.

[Signature]  
King County Executive

**EXHIBIT H**  
**King County Ordinance 6779 approving the**  
**1984 Comprehensive Wastewater Plan Amendment**

Proposed No. 84 - 232

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ORDINANCE NO. 6779

AN ORDINANCE approving an Amendment to Water District No. 82 Comprehensive Wastewater Plan and Amending Ordinance 6506, Section 1.

**PREAMBLE:**

On June 6, 1983, Water District 82 filed a Final Declaration of Non-Significance for the proposed plan.

On February 29, 1984, Water District 82 passed Resolution A554 amending their Comprehensive Wastewater Plan 1983.

On March 3, 1984, the City of Issaquah passed Ordinance 1604 which grants Water District 82 a franchise to use a portion of SE 56th Street for a sanitary sewer.

**BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:**

**NEW SECTION. SECTION 1.** The amendment to the Water District 82 Comprehensive Wastewater Plan as adopted by district Resolution A554 is hereby approved.

**SECTION 2.** Ordinance 6506, Section 1 is hereby amended to read as follows:

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The Water District No. 82 Comprehensive Wastewater Plan, as adopted by district Resolution A511 (attached) is hereby approved. (~~PROVIDED, sewer service within the area shown on Exhibit A shall not be permitted until such time as all necessary approvals have been obtained, and,~~)

INTRODUCED AND READ for the first time this 23rd day of April, 1984.

PASSED this 14th day of May, 19 84

KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON

Gary Grant  
Chairman

ATTEST:

Dorothy D. Quinn  
Clerk of the Council

APPROVED this 22nd day of May, 19 84

Randy Riddell  
King County Executive

**EXHIBIT I**  
**King County Ordinance 6506 approving the**  
**1984 Comprehensive Wastewater Plan Amendment**

Proposed No. 83-414

ORDINANCE NO. 6506

AN ORDINANCE approving the Water District  
No. 82 Comprehensive Wastewater Plan.

**PREAMBLE:**

On June 6, 1983, Water district No. 82 passed Resolution  
A511 adopting the district's Comprehensive Wastewater Plan.

On June 6, 1983, Water District No. 82 filed a Final  
Declaration of Non-Significance for the proposed plan.

As required by KCC Chapter 13.24, the Utilities Technical  
Review Committee reviewed the proposed Wastewater Plan and  
on June 8, 1983 recommended its approval.

**BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:**

SECTION 1. The Water District No. 82 Comprehensive  
Wastewater Plan, as adopted by district Resolution A511  
(attached) is hereby approved; PROVIDED, sewer service within  
the area shown on Exhibit A shall not be permitted until such  
time as all necessary approvals have been obtained; and

SECTION 2. The Boundary between Water and Sewer District  
No. 82 and the Sahalee Sewer and Water District is Northeast  
16th from Lake Sammamish East to the Redmond-Fall City Road.  
However, minor adjustments based on topography and other  
technical considerations may be necessary in the future, and may  
be agreed upon by the two districts as necessary; and

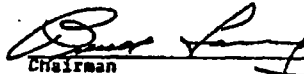
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PROVIDED further, that this ordinance shall not be construed as either approval or disapproval of any subsequent annexation proposal by the City of Issaquah or the district.

INTRODUCED AND READ for the first time this 15th day of August, 1983.

PASSED this 22nd day of August, 1983.


KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON

  
Chairman

ATTEST:

  
Clerk of the Council

APPROVED this 30th day of August, 1983.

  
King County Executive



**EXHIBIT J**  
**King County Ordinance 11768 approving the**  
**1994 Comprehensive Wastewater Plan Amendment**

February 13, 1995  
kwm\150

INTRODUCED BY BRIAN DENDOVSKI

PROPOSED NO. 95-176

ORDINANCE NO. **11768**

AN ORDINANCE approving the Sammamish Plateau Water and Sewer District Amendment to the Comprehensive Wastewater Plan.

**PREAMBLE:**

K.C.C. 13.24 requires approval of comprehensive plans for sewer utilities as a prerequisite to the granting of right-of-way franchises and approval of right-of-way construction permits.

K.C.C. 21.21A.050(H) permits elementary schools in the Rural Area to have sewer service if the sewer is tightlined and designed to serve only the school.

On July 27, 1994 the King County Utilities Technical Review Committee met to consider the plan and finding it consistent with K.C.C. 13.24 and K.C.C. 21.21A.050(H) recommended approval.

The Sammamish Plateau Water and Sewer District Amendment to the Comprehensive Wastewater Plan was approved by vote of the Sammamish Plateau Water and Sewer District Commissioners on August 1, 1994.

The Sammamish Plateau Water and Sewer District issued a determination of non-significance for the plan in accordance with the State Environmental Policy Act on July 7, 1994.

The King County Council approved the Comprehensive Wastewater Plan for Water and Sewer District No. 82 of King County on August 30, 1983 by King County Ordinance No. 6506.

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11768

1 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

2 SECTION 1. The The Sammamish Plateau Water and Sewer District Amendment  
3 to the Comprehensive Wastewater Plan, Attachment A, is hereby approved without  
4 conditions.

5 INTRODUCED AND READ for the first time this 3rd day of

6 April, 1995.

7 PASSED by a vote of 10 to 0 this 1st day of May, 1995.

8 KING COUNTY COUNCIL  
9 KING COUNTY, WASHINGTON

10 Kent Pullen  
11 Chair

12 ATTEST:

Arnold A. Peterson  
13 Clerk of the Council

14 APPROVED this 12<sup>th</sup> of May, 1995

15  
16 Charles A. Sells  
Deputy King County Executive

17 Attachment:

18 A. Sammamish Plateau Water and Sewer District Amendment to the  
19 Comprehensive Wastewater Plan dated July 1994.  
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**EXHIBIT K**  
**Excerpts from**  
**2004 King County Comprehensive Plan Update**  
**Adopted September 27, 2004**

Chapter 7 - Services, Facilities and Utilities

II. Facilities and Services

I. Public Sewers and On-Site Wastewater Treatment and Disposal Systems

F-249 - Public sewer expansions shall not occur in the Rural Area and on Natural Resource Lands except where needed to address specific health and safety problems threatening the existing uses of structures or the needs of public schools or public school facilities. Public sewers may be extended, pursuant to this policy, only if they are tightlined and only after a finding is made by King County that no reasonable alternative technologies are technologically or economically feasible. Utility providers shall ensure, through a signed agreement between the school district and the utility provider, that any sewer service permitted for the school district is designed only to serve public schools or public school facilities. Public sewers which are allowed in the Rural Area or on Natural Resource Lands pursuant to this policy shall not be used to convert Rural Area land or Natural Resource Lands to urban uses and densities or to expand permitted nonresidential uses.

## EXHIBIT L

### Excerpts from King County Code:

#### 21A.08.050 General services land uses.

##### A. General services land uses.

KEY		RESOURCE			RESIDENTIAL				COMMERCIAL/INDUSTRIAL								
P-Permitted Use	Z O N E	A	F	M	R	U	R	U	R	N	C	B	R	B	O	I	
C-Conditional Use		G	O	I	N	U	R	R	E	E	I	B	U	S	I	O	F
S-Special Use	R	E	S	T	A	L	A	N	B	S	E	R	H	O	R	H	O
		C	U	L	T	U	R	E	S	I	D	E	N	T	I	A	L
SIC#	SPECIFIC LAND USE	A	F	M	RA	UR	R1-8	R12-48	NB	CB	RB	O	I				
	<b>EDUCATION SERVICES:</b>																
*	Elementary School				P16 15, 31	P	P	P		P16c	P16c	P16c					
*	Middle/Junior High School				P16 C15, 31	P	P	P		P16c	P16c	P16c					
*	Secondary or High School				P16 C15, 27, 31	P26	P28	P28		P16c C	P16c C	P16c					
*	Vocational School				P13 C31	P13 C	P13 C	P13 C			P	P17	P				
*	Specialized Instruction School		P18		P19 C20, 31	P19 C20	P19 C20	P19 C20	P	P	P	P17	P				
*	School District Support Facility				C23, 31 P16, C15	P23 C	P23 C	P23 C	C	P	P	P	P				
<b>GENERAL CROSS REFERENCES:</b>		Land Use Table Instructions, see K.C.C. 21A.08.020 and 21A.02.070; Development Standards, see K.C.C. chapters 21A.12 through 21A.30; General Provisions, see K.C.C. chapters 21A.32 through 21A.38; Application and Review Procedures, see K.C.C. chapters 21A.40 through 21A.44; (*)Definition of this specific Land Use, see K.C.C. chapter 21A.06.															

##### B. Development conditions.

15. Limited to projects which do not require or result in an expansion of sewer service outside the urban growth area, unless a finding is made that no cost-effective alternative technologies are feasible, in which case a tightline sewer sized only to meet the needs of the public school, as defined in RCW 28A.150.010, or the school facility and serving only the public school or the school facility may be used. New public high schools shall be permitted subject to the review process set forth in K.C.C. 21A.42.140.

16.a. For middle or junior high schools and secondary or high schools or school facilities, only as a reuse of a public school facility or school facility subject to K.C.C. chapter 21A.32. An expansion of such a school or a school facility shall be subject to approval of a conditional use permit and the expansion shall not require or result in an extension of sewer service outside the urban growth area, unless a finding is made that no cost-effective alternative technologies are feasible, in which case a tightline sewer sized only to meet the needs of the public school, as defined in RCW 28A.150.010, or the school facility may be used.

b. Renovation, expansion, modernization or reconstruction of a school, a school facility, or the addition of relocatable facilities, is permitted but shall not require or result in an expansion of sewer service outside the urban growth area, unless a finding is made that no cost-effective alternative technologies are feasible, in which case a tightline sewer sized only to meet the needs of the public school, as defined in RCW 28A.150.010, or the school facility may be used.

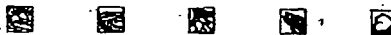
c. In CB, RB and O, for K-12 schools with no more than one hundred students.

31. Subject to review and approval of conditions to comply with trail corridor provisions of K.C.C. chapter 21A.14 when located in an RA zone and in an equestrian community designated by the Comprehensive Plan.

**EXHIBIT M**  
Reports regarding On-Site Disposal Potential for the  
Issaquah 9th Grade Campus

- July 29, 2004 Letter from Associated Earth Sciences to Issaquah School District  
Opinion concerning Geotechnical Aspects of Septic Drainfield System
- August 10, 2004 Letter from SvR Design Company to Issaquah School District  
Septic Drainfield Letter of Opinion
- April 4, 2005 Letter from Issaquah School District to King County Health Department  
Request for Connection to Sanitary Sewer in Lieu of Septic
- April 14, 2005 Letter from King County Health Department to Issaquah School District  
Recommendation to Connect School to Public Sewer System
- May 10, 2005 Letter from Issaquah School District to King County UTRC  
Request for Sewer Use in Lieu of a Septic System

Associated Earth Sciences, Inc.



July 29, 2004  
Project No. KE99362G

Issaquah School District No. 411  
565 NW Holly Street  
Issaquah, Washington 98207

Attention: Mr. Royce Nourigat

Subject: Opinion Concerning Geotechnical Aspects of Septic Drainfield System  
Proposed Issaquah 9<sup>th</sup> Grade Campus  
Issaquah-Fall City Road  
Issaquah, Washington

RECEIVED

JUL 30 2004

Dear Mr. Nourigat:

NEW CONSTRUCTION DEPT.

In accordance with your request, this letter presents our opinion regarding the geotechnical aspects of a septic drainfield system on the proposed 9<sup>th</sup> Grade Campus project. As you are aware, we have been providing geotechnical exploration and design services as well as construction document preparation support for this project. Our subsurface exploration and geotechnical engineering evaluation for the project was presented in our report dated December 6, 2002.

In our opinion, there are four primary geotechnical issues associated with the installation of a septic drainfield system on this site. A brief explanation will follow each of the presented issues.

1. **Limited and variable thickness of permeable soils.** Our subsurface exploration program encountered primarily glacial till soils below the project site. Glacial till is a very dense mixture of silt, sand, and gravel that is considered essentially impermeable. The till was mantled in places with a variable thickness of recessional outwash sand and gravel. This material is more permeable than the till, but was inconsistent in thickness and was discontinuous across the property. Seepage through the outwash tends to perch above the till and follow the contours of the till surface. Much of this perched water emerges on the adjacent slope as spring activity.
2. **Possible negative impact on adjacent steep slopes.** The site is bordered by a steep slope that descends to a wetland complex. In places, the slope is considered sensitive by King County definition. Considerable engineering and slope stability monitoring was performed to site buildings and improvements as close to the slope as was practical. One of the new storm water detention ponds adjacent to the slope is lined to prevent leakage in proximity to the slope. The presence of a septic drainfield close to

911 Fifth Avenue, Suite 100 • Kirkland, WA 98033 • Phone 425 827-7701 • Fax 425 827-5424

the slope may introduce additional seepage that would perch above the till and emerge as spring activity on the slope face. The additional seepage may have an effect on long-term slope stability.

3. Possible spring activity to the wetlands. Septic effluent may find its way as spring activity to the wetland complex at the toe of the adjacent steep slope. The effluent may have a negative impact on the wetland complex.
4. Impacts of placing septic system under a playfield with an underfield drain system. One of the only possible locations for a site drainfield would be under the site's planned playfields. The playfields are designed to be compacted and provided with an underdrain system. The thickness of surface fill and the degree of compaction may negatively affect the aerobic performance of the drainfield. A drainfield under a playfield may also result in public health risk.

We hope this information serves your current needs. Please call if you have questions.

Sincerely,  
ASSOCIATED EARTH SCIENCES, INC.  
Kirkland, Washington



  
Kurt D. Merriman, P.E.  
Principal Engineer

cc: Bassetti Architects  
Attention: Tom Truesdell  
Fax: 206-340-9519

SvR Design Company  
Attention: Tye Simpson  
Fax: 206-223-0125

EDM/as - KE99162G30 - Project 11999342: KSWP - WZK



DESIGN COMPANY

August 10, 2004

Mr. Royce Nourigat  
Issaquah School District No. 411  
565 NW Holly Street  
Issaquah, Washington 98207

RE: Issaquah 9<sup>th</sup> Grade Middle School  
Septic Drainfield Letter of Opinion  
SvR Project Number: 00002

Dear Mr. Nourigat:

Per your request, this letter presents our opinion regarding the potential size of a septic system required to serve the Issaquah 9th Grade Campus site.

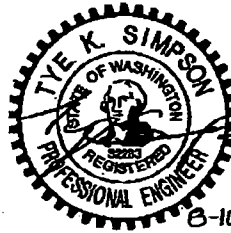
Based on the type of soils present at the project site, as identified by Associate Earth Sciences, Inc. and a recent septic system design for the Boy Scouts of America's Camp Omache project, the size of the septic drain field would be approximately 145,000 square feet (3.3 acres).

The Boy Scouts of America project had a design flow for the system of 15 gallons per day per person. The camp was designed for 300 campers plus staff and a resulting a daily flow of 4,500 gallons. The septic drainfield that was designed and constructed for the Boy Scout's site was approximately 46,835 square feet (1.1 acres). The soils at that site were classified as mainly brown sandy loam.

Per the Issaquah School District, Liberty High School, which is of a similar size as the Issaquah 9<sup>th</sup> Grade Campus project, has had flows up to 14,000 gallons per day. Assuming a linear extrapolation of the sizing for the Boy Scouts of America drainfield, which is likely conservative due to the soils at the Issaquah 9th Grade Campus being less pervious than the Boys Scouts site, the drain field would need to be in excess of 145,000 square feet (3.3 acres).

Sincerely,  
SvR Design Co.

Tye Simpson, PE  
Senior Engineer



RECEIVED

AUG 11 2004

NEW CONSTRUCTION DEPT.

EXPIRES 12/31/05

815 Western Avenue  
Suite 400  
Seattle, WA 98104  
p: 206.223.0326  
f: 206.223.0125  
svr@svrdesign.com





## Issaquah School District No. 411

565 NW Holly Street • Issaquah, WA 98027-2698 • Phone (425) 837-7000

Janet N. Barry, Ed. D.  
Superintendent

April 4, 2005

Mr. Greg Bishop  
Eastgate Public Health  
14350 SE Eastgate Way  
Bellevue, WA 98007

Re: Issaquah School District Ninth Grade Campus  
Request for Connection to Sanitary Sewer in Lieu of Septic  
Project #B03C0180

Dear Mr. Sandstrom:

The Issaquah School District would like to request connection to the sanitary sewer in lieu of providing a septic system for the Ninth Grade Campus located at 24635 Issaquah-Fall City Road, Issaquah, WA 98029.

The Health Department has requested that the School District provide an on-site sewage system application. We originally did not complete this application because we understood that we would be on the sanitary sewer adjacent to the school site. In order to submit for a building permit, we needed a water availability certificate from the Sammamish Water and Sewer District and this automatically activated a Developers Extension Agreement. Under this agreement, the Water District proposed a sewer connection and extension of existing sewer and water utilities. Using this direction from the Water District we proceeded ahead. Because the School District spent approximately \$100,000 on a Developers Extension Agreement, we did not spend additional money to have a formal on-site septic design completed. We did, however, have our geotechnical and civil consultants review student and staff use along with site and soil characteristics to determine if the site could reasonably handle a septic system.

This information is included in a letter by the District's civil engineer for the Ninth Grade Campus Project, SVR Design Company. SVR uses an existing design of a recent septic system for the Boy Scouts of America for their comparison. Additional information regarding soil conditions, adjacent slopes, wetlands and septic location is provided in a letter from Associated Earth Sciences, the geotechnical consultant for the Ninth Grade Campus Project. For general information, the school will be occupied with approximately 950 ninth grade students and 75 staff members. Using calculations and actual flow amounts from Liberty High School (which has approximately 1000 students and is on a holding tank) we can expect flows up to 14,000 gallons a day. There is a sanitary sewer line across the street from the NW corner of the school property. Sammamish Water and Sewer District has requested that we extend this sewer line to the east for approximately 1000' on the north side of Issaquah-Fall City Road. This would provide a central site connection for the school site (rural) and connection for any future development on the north side of Issaquah-Fall City Road (urban).

**Board of Directors**

Constance L. Fletcher • Larry W. Ishmael • Mark Warner • Michael Winkler • Jan Woldseth

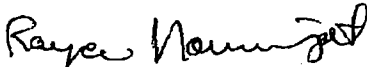
Using the site soil conditions, the septic drainfield size required for a 950 student school would be approximately 145,000 square feet. The approximate area available for a septic drainfield is 148,000 square feet and would be located in the grass areas of the football, softball and baseball fields. The balance of pervious areas on the site is small landscaped areas with grass and shrubs around the perimeter of the building and parking. There would be no room for a back-up drainfield.

The use of the schools' ballfields is constant throughout the year, with a good portion of the use coming from the community. The community is paying for the bonds to build this school, so the School District tries to reciprocate by providing fields that can provide not only school but community use. To handle the constant use of our ballfields, the District builds sand based fields with underdrains every 20 feet. If the fields are not built in this manner, our fields become very wet and unusable. During times of high septic use and heavy rains, effluent has a potential to leach from the septic drainfield to the ballfield underdrains. The ballfield underdrains flow to the detention pond and then to drainage basins/creeks. During the subsurface investigation many locations were found with wet soil and a seep near what is now the softball field. There are numerous seeps that were found in the steep hillside that appear to be perched layers of water. In August, while trenching for the site fire line on the north side of the football field, perched layers were found 36" below subgrade with the water flowing south towards the steep hillside. A concern is that the effluent seeping to the hillside slope will cause a lack of slope stability or flow to the wetland at the base of the slope.

In review, the Issaquah School District would like to connect to the sanitary sewer provided by the Sammamish Water and Sewer District. We believe a septic system is neither practical nor feasible due to site constraints and the school size. Please consider our request to connect to the sanitary sewer in lieu of providing a septic system for the Ninth Grade Campus.

If you have any further questions, please contact me at (425) 837-7040 or [nourigatr@issaquah.wednet.edu](mailto:nourigatr@issaquah.wednet.edu).

Sincerely,



Royce Nourigat  
Construction Coordinator

Enclosures



HEALTHY PEOPLE. HEALTHY COMMUNITIES.

Alonzo L. Plough, Ph.D., MPH, Director and Health Officer

April 14, 2005

Mr. Royce Nourigat  
Issaquah School District #411  
565 NW Holly Street  
Issaquah WA 98027-2899

**Re: Request to Connect Proposed Ninth Grade Campus to Public Sewer**

Dear Royce:

I have reviewed the geotechnical report you provided me from Associated Earth Sciences, Inc. pertaining to the option of utilizing an onsite septic system for the above project instead of hooking to the existing public sewer.

The substantive issues surrounding this project are, from a public health perspective:

- No room for reserve drainfield area
- Risk of drainfield effluent seepage from steep slopes
- Possible cross connection of drainfield effluent discharge underneath playfields with underground drainage system
- Surge flows from school operations

Based on the above severely limiting factors it is doubtful that the health department would approve an onsite application for the proposed school. I strongly recommend that the school be connected to the existing public sewer. I understand this will require approval for service outside the sewer service area and an update to the sewer comprehensive plan.

If I can be of further assistance in this matter, please contact me at 206-296-9753.

Sincerely;

Greg Bishop, Supervisor  
Wastewater Program  
Community Environmental Health

GB:dc

cc: Ed Davis, Health & Environmental Investigator III, Community Environmental Health

Eastgate Environmental Health  
14350 SE Eastgate Way • Bellevue, WA 98007  
T (206) 296-4932 F (206) 296-4919 • www.metrokc.gov/health  
Printed on Recycled Paper.

City of Seattle  
Gregory J. Nickels, Mayor

King County  
Ron Sims, Executive



## Issaquah School District No. 411

565 NW Holly Street • Issaquah, WA 98027-2899 • Phone (425) 837-7000

Janet N. Barry, Ed. D.  
Superintendent

May 10, 2005

King Street Center  
201 S Jackson St., Suite 700  
Seattle, WA 98104-3855

Subject: Request for Sewer Use In Lieu of a Septic System

Dear Mr. Monthie;

The Issaquah School District is building a new 9<sup>th</sup> Grade Campus at 24635 Issaquah/Fall City Road in Issaquah and it is scheduled to open in September of 2005. This school has been in planning since 2000 and the site was approved for a school by the King County Council with the intent of using the sewer system on the north side of Issaquah/Fall City Road. The school will have a starting population of 950-1000 students and as enrollment increases, approximately 1200 students when four double portables are added.

The school site is approximately 45 acres with only 19 of it usable due to steep slopes, wildlife corridor, and wetlands. The entire 19 acres is occupied by the school, parking, bus and fire loops, ball fields and King County Right-of-Way. The site is completely used and we had to be very creative to fit everything required into the space we have.

Issaquah School District would like to connect this school to sanitary sewer in lieu of a septic system. A septic system is not appropriate for this site as agreed to by Greg Bishop. The soils do not drain, we have perched layers of water, there is chance of cross contamination of storm water and feeding into local streams, and we do not have room for a reserve drain field. There is not any room on the site as we are barely able to provide space for additional portables the school district requires at each site to handle increasing student populations.

The only way to provide a septic or a high tech system for the school is to purchase additional property. A septic system with a reserve field will require a minimum of 6 acres (3 for septic and 3 for reserve) and I would estimate a high tech system would require a minimum of 2-3 acres. The property to the west of the school is owned by a church and they will not sell any of their property since it may affect their buildability. The area to the south and east are steep slopes, wetlands or streams. The only area available is on the north side of Issaquah-Fall City Road. This property has houses on it and the value is approximately a million dollars an acre since it is in the process of being subdivided in to

Board of Directors

development. I'm not sure we are able to install a sanitary system of any type on the north side of the road since it is on the urban side of the boundary. We do not know how the Critical Areas Ordinance would affect the additional property needed and if we would need more area than what is mentioned above.

The cost for us to install sanitary sewer for the site is approximately \$400,000. \$100,000 is for the Developers Extension Agreement and \$300,000 for the installation. Once it is installed and accepted, Sammamish Water and Sewer District will provide the maintenance of the system. The on-site septic system will be approximately 6 million dollars and the high tech system will approximately 2-3 million and we will have to maintain it. Again, the property prices are estimated using recent costs of property, but I believe there would be a considerable cost difference between extending the existing sanitary sewer and installing an onsite sewer system due to land costs. The school is under construction and will be occupied in the fall of 2005. We have a water and sewer availability certificate from Sammamish Water and Sewer and are eager to start the installation so as to not delay the opening of the new school. Please consider our request for connection to sanitary sewer.

I have attached the letters from our geotechnical regarding soil conditions, from our civil engineer regarding septic size comparison (using 950 students as the guide), from Greg Bishop with the Department of Health, and a letter from myself to Dave Sandstrom, with King County DDES. If you have any questions please call me at 425-864-2112.

Sincerely,

*Royce Nourigat*  
Royce Nourigat  
Construction Coordinator  
Issaquah School District

EXHIBIT N

SEPA Checklist and DNS for the 2003 Draft Wastewater Comprehensive Plan

This June 2005 Comprehensive Wastewater Plan Amendment is for a proposal that is entirely included in the 2003 Draft Wastewater Comprehensive Plan update that is currently being completed.

SEPA Rules

WAC 197-11-970 Determination of nonsignificance (DNS).

DETERMINATION OF NONSIGNIFICANCE

Description of proposal Sammamish Plateau Water and Sewer District 2003 Wastewater Comprehensive Plan.

Proponent Sammamish Plateau Water and Sewer District Engineering Department.

Location of proposal, including street address, if any Within the existing and future sewer service areas of the Sammamish Plateau Water and Sewer District. This covers approximately 25 square miles and includes the urban area generally bounded by Lake Sammamish on the West, the Snoqualmie Valley on the East, I-90 on the south and the Redmond-Fall City Road on the north, except for the area in the Northeast Sammamish Sewer and Water District generally north of NE 16th and west of 238th Avenue NE (if extended). The sewer service area includes much of the City of Sammamish, the northeast section of the City of Issaquah and unincorporated King County.

Lead Agency Sammamish Plateau Water and Sewer District

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

[ ] There is no comment period for this DNS

[X] This DNS is issued under 197-11-340(2); the lead agency will not act on this proposal for 15 days from the date below. Comments must be submitted by November 25, 2003.

Responsible official Ronald E. Little General Manager,

Position/title Sammamish Plateau Water and Sewer District Phone (206)392-6256

Address 1510 - 228th Avenue S.E, Sammamish Washington 98075

Date 11-4-03 Signature [Handwritten Signature]

(OPTIONAL)

[ ] You may appeal this determination to (name) \_\_\_\_\_ at (location) \_\_\_\_\_ no later than (date) \_\_\_\_\_ by (method) \_\_\_\_\_

You should be prepared to make specific factual objections. Contact \_\_\_\_\_ to read or ask about the procedures for SEPA appeals.

[X] There is no agency appeal.

**A. BACKGROUND**

**1. Name of proposed project, if applicable:**

Sammamish Plateau Water and Sewer District Wastewater Comprehensive Plan 2003 (2003 WWCP)

**2. Name of applicant:**

Administration Department  
Sammamish Plateau Water and Sewer District (District)

**3. Address and phone number of applicant and contact person:**

Jay Regenstreif  
Sammamish Plateau Water and Sewer District  
1510 228<sup>th</sup> Street SE  
Sammamish, WA 98075  
(425) 392-6256

**4. Date checklist prepared:**

June 6, 2003

**5. Agency requesting checklist:**

Sammamish Plateau Water and Sewer District

**6. Proposed timing or schedule (including phasing, if applicable):**

The Wastewater Comprehensive Plan identifies sewer system improvement projects that will be needed through system buildout. The capital improvement section identifies projects expected to be constructed during the 2004-2010 six-year planning period and also includes a more general schedule for projects with construction estimated to occur after 2010.

**7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**

No. This SEPA review for the 2003 WWCP is a "non-project" action. Any amendments to this WWCP will be processed under a separate SEPA review.

Specific projects or actions identified in the 2003 WWCP will be reviewed under separate project and site-specific SEPA processes as they are proposed for design and implementation.

**8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**

None directly related to this proposal. However, there has been environmental information prepared related to documents used as a basis for this 2003 WWCP, including:

- 2000 King County Comprehensive Plan
- City of 1995 Issaquah Comprehensive Plan and 2001 and 2002 Amendments
- City of Sammamish Planning Advisory Board Recommended Draft Comprehensive Plan, February 10, 2003 and associated Draft Supplemental Environmental Impact Statement, February 18, 2003
- Northeast Sammamish Sewer and Water District Sewer Comprehensive Plan, December 1998
- Sammamish Plateau Water and Sewer District May 2001 Water Comprehensive Plan and December 2002 Amendment

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No.

10. List any government approvals or permits that will be needed for your proposal, if known.

The 2003 WWCP must be approved by the District Board of Commissioners, the Sammamish City Council, the Issaquah City Council, the Metropolitan King County Council, and the Washington State Department of Ecology. Individual projects identified under the 2003 WWCP will be subject to permits (such as construction, building, and land use permits) at the time each individual project is proposed for design and construction.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The Sammamish Plateau Water and Sewer District's 2003 Wastewater Comprehensive Plan is a compilation of planning data, sewage generation projections, future sewer plan layout and related information for the service area defined in the 2003 WWCP. The goal is to identify projects and improvements that would be required to provide sewer service to the urban area within the District's future sewer service area. An estimated schedule is also developed to identify projects that are expected to be implemented by 2010, and those that would be required prior to buildout of the sewer system to provide adequate sanitary sewer collection services. In order to meet the needs of anticipated population growth, the 2003 WWCP identifies a conceptual layout of necessary new sewer lines and lift stations, as well as needed improvements to existing lines and lift stations.

The 2003 WWCP is based on the 2003 King County Comprehensive Plan and additional considers the Issaquah Comprehensive Plan and the draft Sammamish Comprehensive Plan. The City of Sammamish's Comprehensive Plan is expected to be completed in 2003.

This 2003 WWCP is a "non-project action" in that no specific project identified in the plan would be implemented or constructed without appropriate project and site-specific SEPA review. This SEPA Checklist is intended to review the entire Plan conceptually, with an understanding that the individual project components identified in the 2003 WWCP will be further defined as final facility layout is accomplished under specific project designs. Each of these future projects will be subject to a project specific SEPA process as required.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The Sammamish Plateau Water and Sewer District includes approximately 28.6 square miles. The District is located generally east of Lake Sammamish, north of I-90, west of Snoqualmie Valley and south of NE 90th St.

The sewer service area of the District covered by the 2003 WWCP includes the urban area within the above described area, excluding the area in the Northeast Sammamish Sewer and Water District, generally north of NE 16th and west of 238th Avenue NE (if extended). Sewer service is generally not proposed for the area designated rural. The sewer service area includes much of the City of Sammamish, the portions of the City of Issaquah annexed through their North Annexation Area and Han Jensen/Providence Point Annexations, and unincorporated King County.

The project area is located within Sections 1-17, 20-23, 27 and 28 of Township 24N, Range 6E; and Sections 22, 23, 26-29, and 31-35, of Township 25N, Range 6E; and Sections 6-8 in Township 24N, Range 7E.

Most components of the 2003 WWCP are located within the District's Service Area. The projects that are proposed to connect the District's sewer service area with the King County Metro/Wastewater Treatment Division's system do extend out of the District's service area. The areas outside of the District service area



include SE 56th Street from Issaquah Creek, west, to the entrance to Lake Sammamish State Park and along a corridor following E. Lake Sammamish Parkway NE from NE 16th to approximately NE 60th.

A map of the area is attached. Specific project sites will be identified under specific projects identified in the 2003 WWCP, and will be accompanied under their own specific SEPA review.

## B. ENVIRONMENTAL ELEMENTS

### 1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other .....

Sammamish Plateau is characterized by rolling hills ranging in elevation from 350 to 620 feet above mean sea level. The south part of the District slopes down toward the Issaquah Valley with elevations from 30 to 75 feet. Future projects will identify the topography and be subject to a site-specific SEPA review.

- b. What is the steepest slope on the site (approximate percent slope)?

The upper area of the plateau is characterized by rolling hills and steeper slopes ring the edge of the uplands, sloping in the south to the Issaquah Valley, in the west to Lake Sammamish, and to the Snoqualmie Valley in the north and east. There are slopes in excess of 40% in some areas between the uplands and lowlands. The specific situation for each project identified within the 2003 WWCP would be identified and would avoid steep slopes when possible and take measures to protect the slopes when necessary. More detailed topographic information will be included within specific SEPA reviews for specific projects.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

The primary soil types found in the District are of the Alderwood and Everett series. Seattle, Sammamish and Bellingham series are also present. There is no significant agricultural activity within the boundaries of the Sammamish Plateau Water and Sewer District. Future projects identified in the 2003 WWCP would identify the specific soils in a project area.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are indications of pockets of unstable soils within the District sewer service area. These are more likely to be located in the steeper slope areas. Future projects will identify the specific circumstances surrounding each project, and the projects will be subject to a project-specific SEPA process.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Changes in surface grades are not generally anticipated with the installation of the projects identified in the 2003 WWCP, but trenching will be necessary in order to install new or to upgrade existing utility lines as identified in the WWCP. Lift stations identified in the 2003 WWCP will require excavation for construction. The contractor of each project will determine the source of backfill.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Underground utilities, such as those identified in the 2003 WWCP, are not likely to cause erosion once constructed. Future projects will be evaluated on a case-by-case basis for the potential for erosion, and will be subject to a project-specific SEPA process.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Construction of underground utilities will generally not increase the amount of impervious surface. Increases in impervious surface would occur as a result of the construction of new lift stations and access roads associated with sewer facilities constructed in areas other than rights-of-way. These improvements will likely account for

only a very small increase in impervious surface. Specific measurements of changes in impervious area will be evaluated on a case-by-case basis for each specific project identified under the 2003 WWCP.

**h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:**

Specific projects identified under the 2003 WWCP which involve clearing, grading, or otherwise eligible construction activities would include a temporary erosion and sedimentation control plan (TESC Plan) to implement best management practices (BMPs) to reduce the potential for erosion and sedimentation such as those detailed in the King County Surface Water Design Manual would be applied. Examples include: silt fencing, check dams, hay bales, sedimentation ponds or traps, plastic sheeting or erosion control textiles, gravel outlets, and interceptor swales. Restoration of areas following construction activities would also be included. Future project will also be subject to a site-specific SEPA process.

**2. Air**

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.**

**During Construction:**

Construction activity associated with projects identified in the 2003 WWCP may have associated dust may be generated if construction activity occurs during dry weather and construction equipment will produce exhaust emissions during the construction of each project, though the impact of such emissions is expected to be low.

**After Construction:**

Gravity sewer collection systems do not usually produce noticeable emissions or odors. However, lift stations have the potential to produce odors, and the flow exiting the force mains associated with the lift stations may also be a source of odor away from the lift station. Periodically exercising backup generators may produce small amounts of exhaust emissions. Future project will identify any potential air emissions, and will be subject to a project specific SEPA process.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**  
None.

**c. Proposed measures to reduce or control emissions or other impacts to air, if any:**

Dust control measures will be undertaken as necessary during construction. All equipment, either for construction or for lift stations, will be fitted with the required exhaust systems. Odor control measures will be integrated into the design of new lift stations, and could include the addition of chemicals, such as bioxide, biofiltration and activated carbon adsorption. Future review will identify any measures necessary to reduce or control air emissions for each specific project as identified in the 2003 WWCP, and will be subject to a project-specific SEPA process.

**3. Water**

**a. Surface:**

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

There are many surface water features within the District's boundaries. Lake Sammamish, Pine Lake, and Beaver Lake are all located within the District's borders as are several smaller water bodies. Significant streams flowing into Lake Sammamish include Laughing Jacob's Creek and Issaquah Creek, and there are many other creeks that need to be considered as well including, but not limited to, George Davis Creek, Eden Creek, Ebright Creek, Pine Lake Creek and Many Springs Creek. The Patterson Creek drainage is located on the east side of the District. Specific projects developed under the 2003 WWCP would identify any surface water bodies associated with the

specific project as identified in the most recent King County Sensitive Areas Map Folio and on-site evaluations. Specific projects developed under the WWCP will be subject to project-specific SEPA review, and a more detailed list of surface water features will be included at that time.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Certain projects identified in the 2003 WWCP would require work within/near sensitive areas or streams as identified in the most current King County Sensitive Areas Map Folio. The development of a gravity sewer system will result in facilities located in lower areas, and therefore adjacent to surface water features. Future project designs would consider these features and, where possible, avoid construction within the limits identified as setback and buffer areas for the water feature. Project-specific SEPA review will identify any potential impacts to streams or wetlands and the appropriate mitigation measures for each specific project component.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

Care will be taken to avoid direct impact to wetlands or surface waters in projects identified in the 2003 WWCP. Specific sewer facility routes will be selected to minimize the impact to wetlands or surface waters, and if possible routes will be placed in established right-of-ways. Filling and dredging of wetland and/or surface water features may be necessary for certain individual projects identified in the 2003 WWCP. Quantities, locations, and mitigation measures will be determined under each individual project design and will be subject to a site-specific SEPA process.

- 4) Will the proposal require surface water withdrawals or diversions? Give a general description, purpose, and approximate quantities if known.

It is highly unlikely that either surface water withdrawal or diversion will be required for projects presented in the 2003 WWCP. If either a withdrawal or a diversion is identified during a specific project design then the quantities, withdrawal location, and appropriate mitigation measures will be determined at that time and subject to a project-specific SEPA process.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Sections of the District's service area lie within the 100-year floodplain. These areas are generally limited to areas abutting streams and lakes. Historically, there has been flooding along some of the District's roads. Individual projects identified in the 2003 WWCP will be evaluated for proximity to floodplains during their design, and subject to a project-specific SEPA process.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

None of the projects identified in the WWCP are expected to discharge waste materials to surface waters. Individual, site and project-specific SEPA reviews will identify any potential discharges.

**b. Ground:**

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

Ground water withdrawals or discharges to ground water are not expected to occur with the projects identified as part of the 2003 WWCP. However, if there are high ground water tables in the vicinity of the projects, some ground water may be withdrawn during trenching activities. Future projects will include a site-specific determination of dewatering potential during project design, and will also have a project-specific SEPA process.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.).

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

The projects identified in the 2003 WWCP do not include discharge of waste materials into the ground. The King County Comprehensive Plan requires new projects in the urban area to be connected to sanitary sewers whenever possible, and the City of Issaquah also follows this general requirement. The City of Sammamish's draft Comprehensive Plan is not clear with respect to requirements for the use of sanitary sewers and septic systems. The 2003 WWCP is required to be in compliance with the land use agency comprehensive plans, and should reflect and support the land use agencies requirements. The 2003 WWCP provides a guide on how municipal sewage collection may be provided for build-out conditions within the urban area of the District. The 2003 WWCP will therefore ultimately reduce or even eliminate the need for septic systems within the urban area boundaries.

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The 2003 WWCP includes projects covering the entire urban area of the District. When the underground utilities projects are constructed they would not be expected to generate water runoff. Lift station projects have the potential to generate runoff and Design of future projects would identify specific sources and flows and would be subject to a project-specific SEPA process.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

It is unlikely that waste materials will be discharged into the ground from normal operation of projects identified in the 2003 WWCP. Properly functioning underground utilities and lift stations should not discharge waste materials into either ground or surface waters.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

would be designed to manage stormwater runoff on a case-by-case basis in compliance with the applicable land use agencies stormwater requirements.

Stormwater collection and treatment methodologies for projects identified in the 2003 WWCP would be designed in accordance with the applicable guidelines/standards for each land use jurisdiction. Stormwater runoff generated during construction would be collected and routed through the appropriate sedimentation and erosion control measures associated with each individual project. Specific mitigation technologies may include, but are not limited to, to the appropriate best management practices (BMPs), including silt fencing, straw bales, interceptor swales, sedimentation traps and ponds, and rock check dams. Temporary erosion and sedimentation control plans would be developed under each specific project identified in the WWCP. More detailed information on reducing impacts to surface, ground and runoff waters would be developed under project-specific design and subject to a SEPA process.

4. Plants

a. Check or circle types of vegetation found on the site:

- deciduous tree:  alder,  maple,  aspen,  other  
 evergreen tree:  fir,  cedar,  pine,  other  
 shrubs  
 grass  
 pasture  
 crop or grain  
 wet soil plants:  cattail,  buttercup,  bulrush,  skunk cabbage,  other  
 water plants:  water lily,  eelgrass,  milfoil,  other  
 other types of vegetation

Note: Due to the large size of the District's service area, all likely native plants have been circled. The only exception is "crop or grain". There is no significant agricultural activity within the District's service area. "Pastures" are limited to horse pastures. No cattle pastures were observed.

**b. What kind and amount of vegetation will be removed or altered?**

Construction of certain projects identified in the 2003 WWCP will require altering and/or removing vegetation during construction, and may limit the types of vegetation that can be used to restore construction areas. Utility lines will be located within roadways or disturbed right-of-way when possible to avoid impacts to existing vegetation. In other situations care will be taken to minimize impacts on existing vegetation. Project-specific design would identify the types and amounts of vegetation that will be affected by that project and be subject to a project-specific SEPA process.

**c. List threatened or endangered species known to be on or near the site.**

Threatened and endangered species will be assessed on project-specific basis and will be reported in each project-specific SEPA process. Threatened and endangered species will be identified using the most current information available from the U.S. Fish and Wildlife Service and the Washington State Department of Natural Resources Natural Heritage Program.

**d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:**

For the projects identified in the 2003 WWCP, measures to preserve or enhance the vegetation found on site will be identified in each specific project design and subject to a project-specific SEPA process.

**5. Animals**

**a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:**

birds: hawk, heron, eagle, songbirds, other  
 mammals: deer, bear, elk, beaver, other  
 fish: bass, salmon, trout, herring, shellfish, other

Note: Due to the large size of the District's sewer service area, all likely native animals have been circled.

**b. List any threatened or endangered species known to be on or near the site.**

For the projects identified in the 2003 WWCP the threatened and endangered species will be assessed on project-specific basis and will be reported in project-specific SEPA process. Threatened and endangered species will be identified using the most current information available from the U.S. Fish and Wildlife Service, the Washington State Department of Natural Resources Natural Heritage Program, the National Marine Fisheries Service, and the Washington State Department of Fish and Wildlife.

**c. Is the site part of a migration route? If so, explain.**

Yes, both anadromous fish and migratory waterfowl have been observed within the District's sewer service area.

Project-specific design reviews would identify any species found to use specific project sites as part of their migratory routes, and be reported in the project-specific SEPA process.

**d. Proposed measures to preserve or enhance wildlife, if any:**

Any measures to preserve or enhance wildlife would be identified under future project and site-specific design and identified in the project-specific SEPA process.

**6. Energy and natural resources**

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

For the lift station projects identified in the 2003 WWCP there would be pumps that would be driven by electric motors. Emergency backup generators will likely use diesel fuel. Construction equipment at all projects would likely use either gasoline or diesel fuel. Maintenance vehicles used in the long-term maintenance of the proposed facilities would also require fuel.

Energy needs for each specific project identified in the 2003 WWCP would be assessed under each project-specific design and subject to the project-specific SEPA process.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

The District considers the use of high-efficiency pumps and motors when designing and constructing new facilities. Specific measures would be identified during each project-specific design and included in each project-specific SEPA process. The District is also considering the use of alternative fuels for some of the vehicles used in operation and maintenance.

**7. Environmental health**

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

During construction of projects identified in the 2003 WWCP there will be some risks of spills or leakage from equipment; however, this will not be greater than the risks normally associated with construction activities. Normal precautions will be taken in storing equipment, hazardous fuels, and other material used in the construction of improvements proposed in the WWCP.

Some of the lift station projects proposed in the 2003 WWCP may include the use of chemicals for odor control, such as bioxide and activated carbon. Bioxide is an aqueous solution of nitrate salt, and is non-hazardous to store and handle. Activated carbon is not considered hazardous until spent. Disposal of the activated carbon would be in compliance with all required regulations and safety procedures. Both of these materials are in use at existing District facilities.

Future project and site-specific designs will address the potential for exposure to chemicals and hazardous waste any issues identified will be addressed in the project-specific SEPA process.

- 1) Describe special emergency services that might be required.

None are anticipated.

- 2) Proposed measures to reduce or control environmental health hazards, if any:

The District personnel are trained for safe operating and maintenance procedures, and precautions will be taken in accordance with the District's Safety Manual. The District reports to the Department of Ecology, King County Emergency Management, and local fire departments in order to coordinate proper spill notification and response requirements. Project-specific design will consider requirements for control of environmental health hazards and these would be included in any project-specific SEPA process.

**b. Noise**

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None are anticipated at this time.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

The following describe noise that would be associated with projects identified in the 2003 WWCP.

**Short-term:**

Noise associated with construction is anticipated during normal construction hours.

**Long-term:**

No noise is expected from underground utilities. Lift stations may generate some audible sound. Lift stations include pumps with electric motors and the associated backup generators would need to be exercised on a regular basis. Noise attenuation measures would be considered during design of specific projects, and be addressed according to the applicable jurisdiction's noise ordinance requirements.

Future project specific issues will be considered in the project-specific SEPA process.

- 3) Proposed measures to reduce or control noise impacts, if any:

Construction activities would be limited to approved hours. Mufflers and mitigation to provide projects that meet applicable noise ordinance requirements would be implemented. Future project-specific review will address noise impacts on a case-by-case basis, and be considered in the project specific SEPA process.

**8. Land and shoreline use**

- a. What is the current use of the site and adjacent properties?

The District consists primarily of single and multi-family residential zoning. Some commercial and industrial zoned areas exist as well. The current use of the sites and properties adjacent to projects identified in the 2003 WWCP would depend on the project location. Current land uses of specific project sites would be included under site and project-specific SEPA process.

- b. Has the site been used for agriculture? If so, describe.

No. The District does not have any properties that are zoned for agriculture within the current sewer service boundary.

- c. Describe any structures on the site.

Many different types of structures exist within the District's sewer service boundaries. Future project specific designs will address structures on a case-by-case basis, and be included in any project-specific SEPA process.

- d. Will any structures be demolished? If so, what?

Individual projects identified in the 2003 WWCP will be evaluated through site and project-specific design and associated SEPA processes.

**e. What is the current zoning classification of the site?**

Current zoning classifications in the District vary. Future project-specific designs and associated SEPA processes will identify all zoning classifications for each specific project identified in the WWCP.

**f. What is the current comprehensive plan designation of the site?**

Urban, with the exception of three project areas that are rural. Two of the rural area projects are public schools and the third is one existing single-family residence where the drainfield is being impacted by a public road project.

**g. If applicable, what is the current shoreline master program designation of the site?**

Future project design and site-specific SEPA processes will address any shoreline issues for individual projects identified as part of the WWCP.

**h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.**

Some areas of the District have been classified as environmentally sensitive areas. For example, wetlands, steep slopes, riparian corridors, and endangered species can all be found. The most current King County Sensitive Areas Map Folio was used to identify known environmentally sensitive areas within the District's sewer service area. Future project and site-specific SEPA reviews will identify environmentally sensitive areas in or near projects identified in the WWCP.

**i. Approximately how many people would reside or work in the completed project?**

The District's sewer service area ultimate population is projected between 70,000 and 80,000 persons.

**j. Approximately how many people would the completed project displace?**

None.

**k. Proposed measures to avoid or reduce displacement impacts, if any:**

Not applicable.

**l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:**

The WWCP is required to comply with applicable growth management requirements and was developed using projections from District staff and land use information from the King County Comprehensive Plan. The WWCP will require approval from several jurisdictions including the Sammamish City Council, Issaquah City Council, King County, and the Washington State Department of Ecology.

Site and project-specific SEPA reviews will need to show that each specific project identified under the WWCP is compatible with existing and projected land uses.

**9. Housing****a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.**

None.

**b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**

None.



**c. Proposed measures to reduce or control housing impacts, if any:**

Not applicable.

**10. Aesthetics****a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

Height of proposed structures and exterior building materials may vary under individual projects identified in the 2003 WWCP. Aboveground facilities will consist of lift stations and will generally not exceed the height of a normal single-story building. Site and project specific SEPA reviews will identify the proposed heights and building materials for each specific project.

**b. What views in the immediate vicinity would be altered or obstructed?**

In general, all aboveground structures will be designed to minimize aesthetic impacts and avoid obstructing or altering views. Future project and site-specific SEPA reviews will evaluate the aesthetic impact of each individual project component.

**c. Proposed measures to reduce or control aesthetic impacts, if any:**

Future projects designs and site-specific SEPA processes will identify proposed measures to minimize the aesthetic impacts, if any, for each specific project identified in the 2003 WWCP.

**11. Light and glare****a. What type of light or glare will the proposal produce? What time of day would it mainly occur?**

It is not anticipated that projects proposed as part of the 2003 WWCP would produce light or glare. Pump stations would be designed to minimize the potential for light and glare. Any light and glare would occur only with aboveground facilities; none is expected once construction of underground utilities is completed. Project design and site-specific SEPA processes will identify any potential proposed sources of light or glare, if any.

**b. Could light or glare from the finished project be a safety hazard or interfere with views?**

It is unlikely that light and glare from any projects included in the 2003 WWCP would be a safety hazard or interfere with views. Project design and site-specific SEPA processes will identify any potential proposed sources of light or glare and their associated safety hazards.

**c. What existing off-site sources of light or glare may affect your proposal?**

None.

**c. Proposed measures to reduce or control light and glare impacts, if any:**

Project and site-specific SEPA reviews will identify any proposed measures to reduce the impacts of light or glare, if any.

**12. Recreation****a. What designated and informal recreational opportunities are in the immediate vicinity?**

Recreational opportunities in the District vary. Examples include activities associated with the use of parks (such as Klahanie Park, Beaver Lake Park, and Bill Reams East Sammamish Park), and lakes (such as Lake Sammamish). Future project and site-specific SEPA review will identify any recreational opportunities in the immediate vicinity of each specific project identified in the 2003 WWCP.

**b. Would the proposed project displace any existing recreational uses? If so, describe.**

It is unlikely that any projects identified in the 2003 WWCP would displace any recreational uses, especially after construction is completed. Future project and site-specific SEPA review will identify any displaced recreational opportunities, if any, in the immediate vicinity of each specific project identified as part of the 2003 WWCP.

**c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:**

Proposed measures to reduce or control impacts to recreational opportunities will be evaluated under site and project-specific SEPA reviews.

**13. Historic and cultural preservation****a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.**

In general, project components for projects included in the 2003 WWCP would be designed to avoid impacts to historic and cultural resources whenever possible. The following resources would be consulted before siting any new project identified in the 2003 WWCP: the King County Landmarks and Heritage Program, the King County Inventory and the State and National Register of Historic Places. Future project design and site-specific SEPA review would identify any places or objects proposed for or listed on any preservation registers on or near the site for each specific project identified in the 2003 WWCP.

**b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.**

Future project and site-specific SEPA review will describe any places or objects proposed for or listed on any preservation registers on or near the site for each specific project identified as part of the 2003 WWCP.

**c. Proposed measures to reduce or control impacts, if any:**

Future project and site-specific SEPA review will describe measures designed to reduce or control impacts to any places or objects proposed for or listed on any preservation registers on or near the site for each specific project identified in the WWCP.

**14. Transportation****a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.**

The District's service area is served by all categories of streets and highways ranging in size from interstates (I-90) to small residential streets. The operation and maintenance activities associated with the District's sewer service system utilize the public streets within the service area. Future projects design and site-specific SEPA review will identify streets and highways for each project proposed in the WWCP.

**b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?**

The District is served by public transit. Specific transit stops and their distances to project sites would be identified with site-specific designs and associated SEPA processes for individual projects.

**c. How many parking spaces would the completed project have? How many would the project eliminate?**

In general, most projects identified as part of the 2003 WWCP will not require the addition or elimination of parking spaces. However, future projects and site-specific SEPA reviews will identify the number of parking spaces either created or eliminated under each separate project identified in the 2003 WWCP.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

In general, most projects identified in the 2003 WWCP will not require the creation of new or improvement of existing roads. An exception may include a new entrance or access road for a lift station. However, future projects and site-specific SEPA reviews would identify new roads or improvements to existing roads under each separate project identified in the 2003 WWCP.

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

It is not expected that any project identified as part of the 2003 WWCP will require the use of water, rail, or air transportation. However, the use and location of water, rail, or air transportation would be identified in future projects and site-specific SEPA review.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

In general, it is not expected that any of the projects identified in the 2003 WWCP will require a significant number of vehicular trips per day. Exceptions include building maintenance for lift stations and underground facilities. Future project and site-specific SEPA reviews will identify the number of vehicular trips generated by each component under the WWCP.

- g. Proposed measures to reduce or control transportation impacts, if any:

Future project design and site-specific SEPA processes would identify any proposed measures to reduce or control transportation impacts, if any.

#### 15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No. The 2003 WWCP will improve public sewer service, treatment, and disposal. It is not anticipated that projects identified under the WWCP will generate an increased need for public services.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

Not applicable.

#### 16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

Available utilities vary among different project sites. Future project design and associated site-specific SEPA processes would identify any existing utilities at project sites identified in the 2003 WWCP.

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Proposed improvements may require additional electrical and water services. Future project design and site-specific SEPA processes will identify and consider the project-specific utility needs.

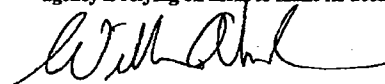
TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

**C. SIGNATURE**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:

A handwritten signature in black ink, appearing to be "William A. ...".

Date Submitted:

June 6, 2003

**D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS**  
(Do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

The Sammamish Plateau Water and Sewer District 2003 Wastewater Comprehensive Plan (2003 WWCP) is a document and in itself will not create any of the above referenced environmental effects. The 2003 WWCP identifies projects and improvements that are conceived of to provide sanitary sewer service from the existing condition to the build-out condition of the sewer system within the District. New sanitary sewer lines and lift stations will be built to meet these needs. Lift stations and access roads associated with the sewer system will cause a slight increase in impervious area and have associated runoff. Construction equipment will generate a small increase in air emissions during construction. Lift stations may generate a small amount of noise during operation. In general, however, there will be no measurable increase in the production, storage, or release of toxic substances as a result of this 2003 WWCP.

Proposed measures to avoid or reduce such increases are:

Future project specific design and the associated specific SEPA processes will address specific proposed measures for projects identified in the 2003 WWCP. In general, however, all projects proposed as part of the 2003 WWCP would be designed to comply with the standards set forth in each land use jurisdictions Surface Water Design Manuals. Also, all proposed projects in the WWCP are subject to environmental protection measures contained within applicable state and local jurisdictional permits. Construction activities will be limited to hours as determined by King County, the City of Sammamish, or the City of Issaquah.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

In general, the projects identified in the 2003 WWCP (consisting mostly of underground utility lines) will not have any significant effect on plants, animals, fish, or wildlife once constructed. During construction, however, some vegetation may be disturbed.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

All project identified as part of the 2003 WWCP are subject to surface water handling guidelines as put forth in the land use agencies regulations, such as the King County Surface Water Design Manual, to minimize the effects of stormwater runoff on streams and other aquatic habitat during construction. Also, in general, care would be taken to restore or improve vegetation disturbed during construction outside of roadways.

3. How would the proposal be likely to deplete energy or natural resources?

Lift stations will require electric power to run their pumps and diesel fuel to run their backup emergency generator. Construction equipment will require fuel to operate. Vehicles and equipment used by the District for normal operation and maintenance activities will also require fuel to operate.

Proposed measures to protect or conserve energy and natural resources are:

It is standard practice for the District to choose the most reasonably efficient pumps and motors, and the District is considering the use of alternative fuel vehicles as part of its fleet.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Development of the 2003 WWCP considered the location of environmentally sensitive areas and was designed to minimize impacts to these where possible. The construction of underground utilities across wetlands or under streams (if necessary) could temporarily disturb the wetland or stream. Future project or site-specific SEPA review will identify specific impacts to specific environmentally sensitive areas.

**Proposed measures to protect such resources or to avoid or reduce impacts are:**

Future project-specific SEPA processes will identify proposed measures for each specific project. All proposed projects in the 2003 WWCP are subject to environmental protection measures identified under applicable state and local laws.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Projects identified in the 2003 WWCP are not likely to encourage land and shoreline use that could be incompatible with existing land use jurisdictions comprehensive plans.

**Proposed measures to avoid or reduce shoreline and land use impacts are:**

Not applicable.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Underground utilities and lift stations are not likely to cause an increase in demand for transportation, public services, or utilities.

**Proposed measures to reduce or respond to such demand(s) are:**

Not applicable.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

This WWCP does not conflict with local, state, or federal laws or requirements for the protection of the environment.

