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Introduced By: Pete von Reichbauer

Clerk 1/22/99

Proposed No.: 1999-0051

ORDINANCE NO. **13422**

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AN ORDINANCE approving the 1998 amendment to the Soos Creek Water and Sewer District Comprehensive Sewer System Plan.

PREAMBLE:

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

The Soos Creek Water and Sewer District issued a determination of nonsignificance for the 1998 amendment in accordance with the State Environmental Policy Act on October 28, 1998.

The Soos Creek Water and Sewer District adopted the 1998 amendment by Resolution 1820-S on November 4, 1998.

The King County utilities technical review committee met to consider the 1998 amendment on December 9, 1998.

The King county utilities technical review committee recommends that the council approve the 1998 amendment.

BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

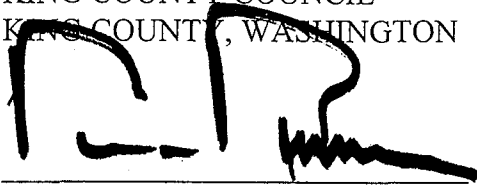
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SECTION 1. The 1998 amendment to the Soos Creek Water and Sewer District Comprehensive Sewer System Plan, Attachment A of this ordinance, is hereby approved without conditions.

INTRODUCED AND READ for the first time this 1<sup>st</sup> day of February, 1999.


PASSED by a vote of 11 to 0 this 8<sup>th</sup> day of March, 1999

KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON

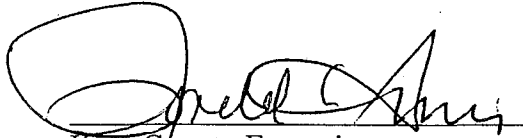


VICE Chair

ATTEST:

  
Clerk of the Council

APPROVED this 12 day of MARCH, 1999.

  
King County Executive

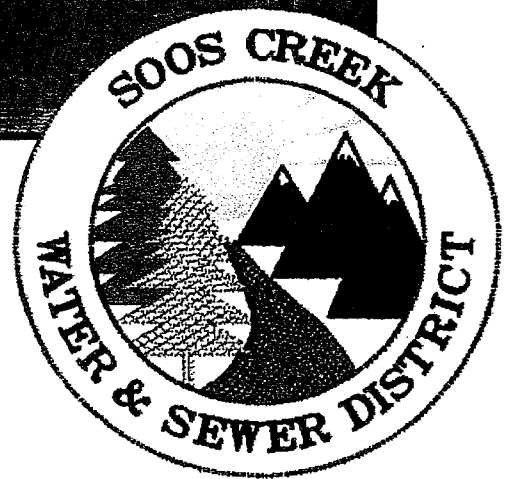
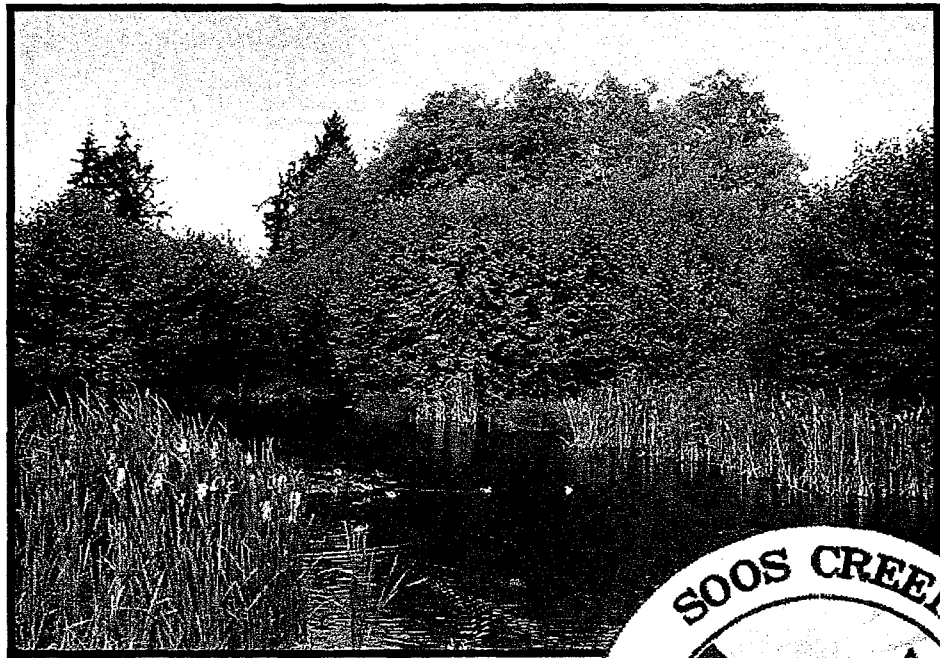
Attachments: A. The 1998 amendment to the Soos Creek Water and Sewer District Comprehensive Sewer System Plan

13422

99-051

# SOOS CREEK WATER & SEWER DISTRICT

## Sewer Comprehensive Plan Amendment



Roth Hill  
Engineering Partners, Inc.

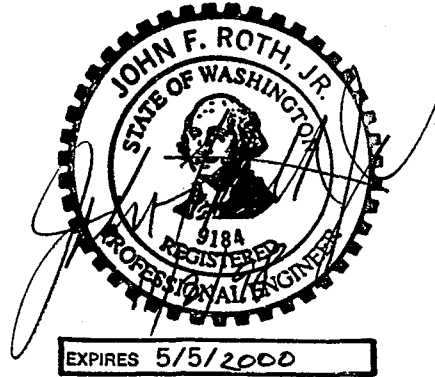
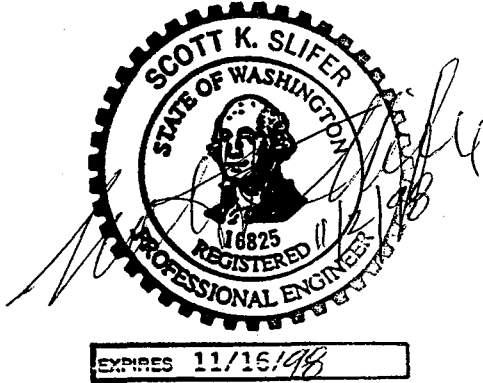
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Roth Hill Engineering Partners, Inc.

AGENCY REVIEW DRAFT

1998 SOOS CREEK COMPREHENSIVE SEWER PLAN  
AMENDMENT

SOOS CREEK WATER & SEWER DISTRICT  
P.O. BOX 58039  
RENTON, WA 98058-1039



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Approved by Soos Creek Water & Sewer District for Submittal

By: Karen L. Webster  
Karen L. Webster, Secretary

Date: 11-4-98

Designated Contact for Soos Creek Water & Sewer District

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Marci Oda, Human Resources/Administration Manager

Rob Howell, Finance Manager

**SOOS CREEK WATER AND SEWER DISTRICT  
1998 COMPREHENSIVE SEWER PLAN AMENDMENT**

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*Chapter One*  
**INTRODUCTION**

**PURPOSE AND SCOPE OF WORK**

This document is the Soos Creek Water and Sewer District's 1998 Comprehensive Sewer Plan Amendment (the Amendment) to the District's 1996 Comprehensive Sewer Plan (the Plan). This is the first amendment to the Plan. This document is not an overall update of the Plan but rather addresses six specific subject areas.

The Plan was officially approved for submittal by the District on February 25, 1998 but reflects planning investigations completed in 1996. The Plan was approved by King County Ordinance 12972, January 22, 1998.

The subjects of the Amendment are six (geographical) areas for which the method of providing sewer service has changed from the time of the Plan. In one case the area is new and was not considered in the Plan. In the other five cases, either minor changes have been made to the configuration of service or more information is available from which it is now possible to better define the future sewer planning.

The intent of the Amendment is to be as concise as possible. Therefore, detailed references and corrections to the Plan are not included except in specific cases where it is relevant and convenient. The Amendment supplements the Plan and, in the event of conflicts between the two documents, the Amendment supercedes the Plan.

The general presentation scheme of the Amendment is to discuss each of the six areas as separate topics in the same order under each chapter. The chapter numbers and titles are the same as in the Plan.

Section headings within each chapter, however, do not correspond to those used in the Plan. This is because most of the Plan chapters discussed topics on a general basis with only Chapters 5 and 6 delving into specific project needs and recommendations. The focus of this Amendment, however, is on the six specific subject areas.

All of the figures in the Amendment are numbered in accordance with the numbering system in the Plan. There is one Amendment figure included in Chapter 3. All of the other Amendment figures may be found in Chapter 6. The only Amendment table is also found in Chapter 6 and likewise corresponds to a similar table that was included in the Plan.



*Chapter Two*  
**BACKGROUND**

**NEED FOR THE AMENDMENT**

The driving force for this Amendment is an annexation area referred to by the District as P-347S or the "Polygon" annexation. This area is outside the District's planning area as considered in the Plan. For the District to provide sewer service to the P-347S annexation, the Plan must be amended in order to receive the necessary approvals.

The preparation of the Amendment also provides an opportunity to amend the Plan to reflect the latest planning for five other areas inside or adjacent to the District.

In the Amendment the six areas are designated as follows:

- Area 1 - "Polygon" Annexation
- Area 2 - Tahoma School
- Area 3 - Witte Road Interceptor Revisions
- Area 4 - "Auburn" Service Area
- Area 5 - Country Club No. 1 Offsite
- Area 6 - Fairwood Estates

A brief description of each area's location follows.

**AREA 1 - "POLYGON" ANNEXATION**

The Polygon Northwest Company under King County's 4 to 1 program proposes the subject area for residential development. The area is located outside but along the District's present boundary in the southeast corner of the District. Refer to Figures 3.5 (in Chapter 3) and 6.21A (in Chapter 6) included with the Amendment.

Area 1 was not considered in the Plan.

The development is envisioned to comprise 162 acres with 575 new homes to be built.

Area 1 will be annexed to the District as annexation P-347S. The District's franchise will need to be amended to include Area 1.

**AREA 2 - TAHOMA SCHOOL**

The Tahoma School District proposes a new 9<sup>th</sup> grade school to be located immediately north of Area 1 - "Polygon" Annexation. Refer to Amendment Figure 6.17.

Area 2 was included in the Plan but at the time the school district's plans were conceptual. A possible future middle school also has been discussed for this location but the Amendment only considers the 9<sup>th</sup> grade school.

Area 2 may be annexed to the District but the school district can legally be served outside of the District's corporate boundary without annexation. The District's franchise will need to be amended to include Area 2.

### **AREA 3 - WITTE ROAD INTERCEPTOR REVISIONS**

The proposed method for removing the District's Lift Station 15 from service and diverting flow to new LS 15B has changed somewhat from the Plan although the general location of the required pipe route remains essentially the same as one of the alternatives identified in that document. Reference is made to Amendment Figure 6.16, grid locations M-16 and N-16.

### **AREA 4 - "AUBURN" SERVICE AREA**

This area lies in the extreme south and west of the District and is presently without sewer service. Refer to Amendment Figures 6.18 and 6.23. Since the completion of the Plan, concepts for future service in this area have been further developed as the result of inquiries for sewer service for possible developments.

### **AREA 5 - COUNTRY CLUB NO. 1 OFFSITE**

Area 5 is located inside the District's boundaries along SE 240<sup>th</sup> Street in the vicinity of 140<sup>th</sup> Avenue SE. Refer to Amendment Figure 6.13, grid locations M-6 and M-7.

This is a "technical" adjustment to the Plan's original concept for the direction of gravity sewer service at this location.

### **AREA 6 - FAIRWOOD ESTATES**

This area is inside the District along 140<sup>th</sup> Avenue SE at the equivalent of approximately SE 186<sup>th</sup> Street. Refer to Amendment Figure 6.04, grid locations E-6 and E-7.

This is another "technical" modification to the concept originally shown in the Plan relating to a drainage basin boundary adjustment.

*Chapter Three*  
**PLANNING CONSIDERATIONS**

**PLANNING AREA**

The Planning area as previously described is limited to six areas. Population has already been accommodated in the Plan in four of the six areas, therefore no further population projections are provided in the Amendment. A very simplistic approach has been used to project population for the remaining two areas. The proponents of these specific developments have provided the District with the number of buildings being developed and in one circumstance the population for the site. The methodology is further described below by area.

Plan Figure 3.5 has been amended to reflect two new annexations and to include the boundaries of Areas 1 and 2. Amendment Figure 3.5 is included with this chapter.

**AREA 1 – “POLYGON” ANNEXATION**

This area lies within the Tahoma/Raven Heights Area and has a designated zoning of R-4, residential four units per acre. This area was converted to urban with the use of the King County 4 to 1 program. This area is most logically within the potential annexation area of the City of Maple Valley. It is likely this area would be annexed to the City within the next 20 years.

The area is currently undeveloped and has no population. However, this Amendment projects ultimate service provision for approximately 575 lots with an estimated population of 1690. The population is calculated using an average household size of 2.94 as reported in the 1997 King County Annual Growth Report for the Tahoma/Raven Heights Area.

The proposed preliminary plat approval is expected during the spring of 1999. Construction is expected to begin in the fall of 1999. The project will be constructed in a series of phases to be completed within 6 to 9 years from the start of construction. The construction of sewer facilities by Soos Creek Water and Sewer District also be phased to coordinate with that of the phased construction phase of the plat. The population in this area will coincide with the availability of housing and somewhat on the housing market.

**AREA 2 – TAHOMA SCHOOL**

This school site lies within the Tahoma/Raven Heights Area and has a designated zoning of R-5, rural area one unit per five acres. The school site will remain rural and

the school will receive sewer service upon request and consistent with Countywide Planning Policy CO-14 and King County Comprehensive Plan Policy F-313.

The Tahoma School District is planning a 9<sup>th</sup> grade school for this site with a potential addition of a middle school sometime in the future. The population for the 9<sup>th</sup> grade school site is approximately 1300, which includes students and faculty. The population was provided by the school district. The school is planned for development in two phases with the first phase comprising half the number of students and faculty stated above. Sewage flow rate from the school is based on Equivalent Residential Units (ERU's)

#### **AREA 3 – WITTE ROAD INTERCEPTOR**

#### **AREA 4 - "AUBURN" SERVICE AREA**

This area is within a portion of the City of Auburn potential annexation area. The potential exists for the District to serve a portion of this area by directing flow to the City of Auburn. The conveyance of sewage to Auburn would require an interlocal agreement between the two agencies.

King County WPCD has long range plans to build a regional pump station in this general area. A future agreement with King County would be required. Refer to Amendment Figure 6.23 in Chapter 6.

#### **AREA 5 – COUNTRY CLUB NO. 1 OFFSITE**

#### **AREA 6 – FAIRWOOD ESTATES**

The population for the facilities needed to service Areas 3, 4, 5, and 6 was considered in the Plan. Therefore, the population projections have not been revised and are not presented in the Amendment.

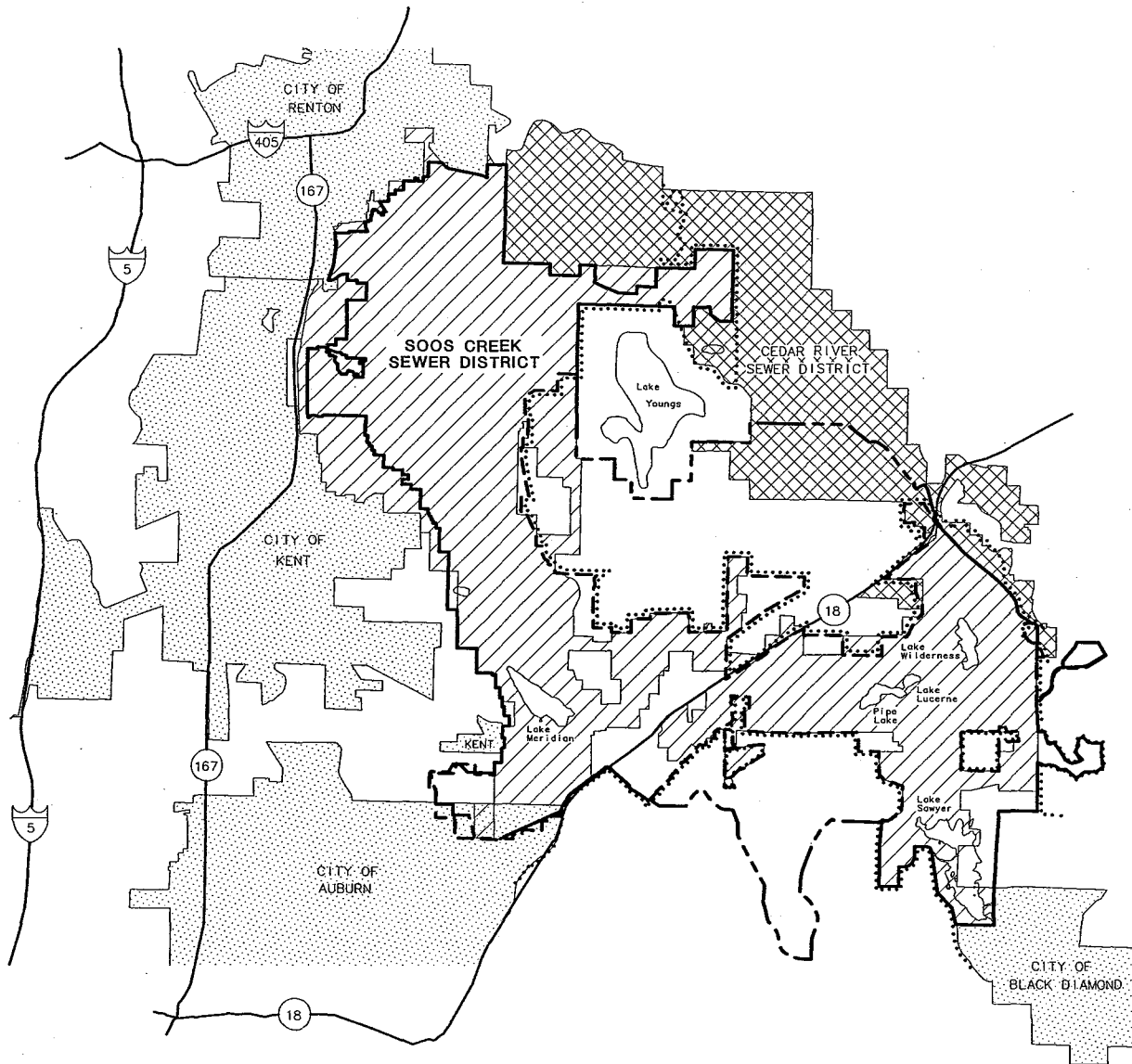
# SOOS CREEK WATER & SEWER DISTRICT

## 1998 SEWER COMPREHENSIVE PLAN AMENDMENT

### URBAN GROWTH BOUNDARY, PLANNING AREA BOUNDARY AND PROPOSED FRANCHISE BOUNDARY MAP



NOT TO SCALE



#### LEGEND

- ..... URBAN GROWTH AREA BOUNDARY
- PLANNING AREA BOUNDARY
- PROPOSED FRANCHISE BOUNDARY
- SEE NOTE

NOTE:  
WHERE PLANNING AREA AND PROPOSED FRANCHISE BOUNDARIES ARE IDENTICAL LINE IS SHOWN SOLID.

FIGURE 3.5

## **CHAPTER FOUR EXISTING SEWERAGE SYSTEM**

### **DESCRIPTION OF FACILITIES**

This chapter discusses only those new facilities that have been constructed since the Plan which are specifically relevant to the six study areas considered in the Amendment. Each study area is discussed in turn below.

#### **AREA 1 - "POLYGON" ANNEXATION**

None

#### **AREA 2 - TAHOMA SCHOOL**

None

#### **AREA 3 - WITTE ROAD INTERCEPTOR REVISIONS**

The Lift Station 15B force main has been constructed and the lift station itself is scheduled to be in operation by the end of 1998. A portion of the Witte Road Interceptor also has been constructed east of LS 15B along SE 240<sup>th</sup> Street. These facilities are shown as existing on Figure 6.16 included with the Amendment.

In the Plan, these newly constructed facilities were shown in red as "future" and were designated as Capital Facilities Plan (CFP) projects number 4 (LS 15B force main relocation), number 5 (LS 15B), and number 7B (Witte Road Interceptor). As noted in the previous paragraph, only a portion of the 7B project has been constructed.

(The route of the LS 15B force main also appears on Plan Figures 6.14 and 6.15 as "future" facilities. These two figures have not been revised for the Amendment. The actual location of the force main, as constructed, very closely follows the alignment shown on Plan Figures 6.14 and 6.15).

#### **AREA 4 - "AUBURN" SERVICE AREA**

None

#### **AREA 5 - COUNTRY CLUB NO. 1 OFFSITE**

Country Club No. 1 is a recently constructed development just north of SE 240<sup>th</sup> Street at the approximate equivalent of 140<sup>th</sup> Avenue SE. As part of the development, a

crossing of SE 240<sup>th</sup> was included to provide service to a presently undeveloped area on the south side of this arterial. This crossing (in black) and the future connecting sewers (schematically in red) are shown on Amendment Figure 6.13.

#### **AREA 6 - FAIRWOOD ESTATES**

None

**CHAPTER FIVE**  
**SYSTEM REQUIREMENTS AND RECOMMENDED**  
**IMPROVEMENTS**

**REQUIRED SYSTEM IMPROVEMENTS**

There have been no significant changes to sewer system design criteria, construction standards, or related policies since the Plan. The discussion in this section is limited to the six subject areas of the Amendment, each of which is presented below.

**AREA 1 - "POLYGON" ANNEXATION**

At the time the Plan was written this area was not considered for sewer service because at the time it was outside both the District and the Urban Growth Area boundaries.

This area now is being proposed for development by the Polygon Northwest Company under King County's 4 to 1 program and will be annexed to the District. Sewer service can be provided by gravity to the District's existing system. The proposed connection point is an existing manhole west of the Maple Valley - Black Diamond Road (SR 169) and south of the Kent-Kangley Road. This manhole is located in grid Q-19 of Amendment Figure 6.21.

The additional flows from this area will have downstream impacts on the District's existing system. In particular, virtually the entire length of existing 10-inch pipe from along 232 Place SE and continuing along the east side of Lake Wilderness will have its capacity exceeded when the impacts of Area 1 are added to the other future growth anticipated for this drainage area. This 10-inch line turns to the west just north of SE 248<sup>th</sup> Street (equivalent). Refer to Amendment Figures 6.16 and 6.21. Most of this 10-inch line was constructed as the North Lake Wilderness Trunk. In the Amendment, the 10-inch pipe downstream of the Area 1 connection is referred to by this name.

Approximately 8400 LF of the North Lake Wilderness Trunk has been identified as potentially needing to be upgraded from 10-inch diameter. The actual lineal footage will be determined during design.

Moreover, this same 10-inch line is planned to receive the Tahoma School flow from Area 2 in the vicinity of the intersection of SE 253<sup>rd</sup> Street and 232<sup>nd</sup> Place SE if these roads were extended. This location is in grid N-18 on Amendment Figure 6.16. Area 2 is discussed in the next section.

A portion of the North Lake Wilderness Trunk was identified in the Plan as needing replacement due to local growth and Tahoma School impacts. Refer to page 5-25 in the



Plan for a discussion of this requirement. (This is also identified as CFP project number 20 in Plan Figure 6.16). The impact of the "Polygon" Annexation exacerbates this problem so that the aforementioned 8400 LF of 10-inch pipe ultimately will need to be replaced rather than only the 700 LF identified in the Plan. Also, the diameter of the replacement pipe will probably be 15-inch rather than 12-inch.

Downstream of the North Lake Wilderness Trunk, there is new planning to convey its flow to the new LS 15B. This is described in Chapter 6 and is called the Polygon gravity sewer.

Approximately 2500 LF of 10-inch pipe will be required to convey the sewage from Area 1 to the District's existing system. Actual pipe size will be determined during design.

### **AREA 2 - TAHOMA SCHOOL**

At the time the Plan was prepared, the need to provide future service for the new school had been identified. It was determined that a lift station at or near the Tahoma School site would be required. This was pictured on Plan Figure 6.17. A force main is shown as being constructed to discharge the sewage to the District's system at a location east of SR 169 in grid P-19 on Plan Figure 6-16.

Flow would then be conveyed by gravity to the North Lake Wilderness Trunk through existing sewers. The impacts of this flow coupled with the Area 1 flows are discussed under Area 1 in the previous section.

Conceptually there has been no change in the scheme presented in the Plan but the location of the conveyance facilities can now be better described. This is done in Chapter 6.

### **AREA 3 - WITTE ROAD INTERCEPTOR REVISIONS**

A discussion of this project is presented on pages 5-23 and 5-24 of the Plan. Plan Figure 6.16 shows the interceptor as CFP projects number 6 and number 7A. An alternative route, identified as CFP project 7B, is also shown.

The basic purpose of the interceptor is to divert existing flow from the south and east out of LS 15 and to LS 15B so that LS 15 can be removed from service. The project was envisioned to occur in two phases with each phase being a separate contract. The assigned District contract numbers were 7-96S and 8-96S.

The Witte Road Interceptor was, in turn, part of an overall strategy described in the Plan which included building new LS 15B and a new force main. The new force main bypasses LS 11 and will help alleviate flows at that facility.

Since the time of the Plan's preparation, the LS 15B force main has been constructed and the lift station itself should be ready to go into operation by the end of 1998. When LS 15B is operational, flows from drainage basin J will be diverted to it. This will allow Lift Stations 22 and 30 to be removed from service.

As part of diverting drainage basin J flows, approximately 1000 LF of 24-inch diameter gravity pipe has been constructed from the LS 15B site easterly along SE 240<sup>th</sup> Street. Refer to Amendment Figure 6.16. This line was sized to accommodate the flows from the Witte Road Interceptor in the event alternative route 7B, as identified in Plan Figure 6.16, was selected as the final route for the interceptor. In other words, this portion of the interceptor is constructed.

The District has expended considerable effort since 1996 trying to select either route 7A or 7B for the interceptor. The result has been that 7A was abandoned due to public opposition and a threatened lawsuit. Alternative 7B, upon further engineering investigation, was determined to have a very high risk due to environmental concerns from difficult dewatering conditions and areas of deep construction amongst other problems. For these reasons, a modification of alternative 7B has been developed and is presented in Chapter 6.

#### **AREA 4 - "AUBURN" SERVICE AREA**

This area is presented on Plan Figures 6.18 and 6.23 in the form of a schematic concept. This concept is further refined in Amendment Chapter 6. There was no narrative discussion of sewer planning for this area in the Plan.

#### **AREA 5 - COUNTRY CLUB NO. 1 OFFSITE**

With the development of Country Club No. 1, located north of SE 240<sup>th</sup> Street at the equivalent of 140<sup>th</sup> Avenue SE, the District saw an opportunity to extend the sewer across 240<sup>th</sup> in order to "pick up" a small undeveloped area presently without sewers.

This specific situation isn't described in the Plan narrative but a concept for serving the area on the south side of 240<sup>th</sup> is shown on Plan Figure 6.13, grids M-6 and M-7. This figure shows gravity flow (in red) to the south. The only problem is that easements through existing residential development, probably difficult to obtain and expensive, would be required to connect to the south.

Upon engineering investigation during the Country Club No. 1 development, it was found to be practical to extend a gravity main south across SE 240<sup>th</sup> Street to serve most of this area and thereby circumvent having to obtain the future easements. In other words, this gravity flow now will go north across 240<sup>th</sup> Street as shown on Amendment Figure 6.13 rather than to the south as shown in the Plan.

Country Club No. 1, along with the offsite crossing of 240<sup>th</sup>, has been constructed as a developer extension. The District paid for the over-depth cost of this line.

There was no specific discussion of this area in the Plan.

#### **AREA 6 - FAIRWOOD ESTATES**

This area is being designed as a developer extension called Fairwood Estates and is located along 140<sup>th</sup> Avenue SE at the equivalent of approximately SE 186<sup>th</sup> Street. Plan Figure 6.04 (grids E-6 and E-7) shows a portion of the area east of 140<sup>th</sup> going north along the street and another portion connecting with gravity sewers to the east.

With the Fairwood Estates development, further engineering investigation showed that much of the area east of 140<sup>th</sup> Avenue SE could, in fact, flow across the street and connect by gravity to existing sewers to the west.

The revised gravity sewer concept and the wetlands are shown on Amendment Figure 6.04. One effect of this change is a slight modification of the drainage basin B boundary eastwards in this vicinity. The District is designing a gravity sewer project to cross a wetland in this area. This is described in Chapter 6.

There was no specific discussion of this area in the Plan.

## CHAPTER SIX RECOMMENDED PLAN

### RECOMMENDED IMPROVEMENTS

This chapter concerns itself only with the six study areas of this Amendment. Each area is considered in turn below.

Also included in this chapter are Figures 6.0, 6.04, 6.13, 6.16, 6.17, 6.18, 6.21, and 6.23. These figures revise and replace the Plan figures with the same numbers. All references to figures in this chapter are to the Amendment figures unless otherwise stated.

New to the Amendment is Figure 6.21A.

Finally, an amended Table 6-1, Capital Facilities Plan, is included in this chapter. In the Plan, twenty CFP projects were identified by numbered reference to Chapter 6 Figures 6.01 through 6.23. In the Amendment, Table 6-1 represents a continuation of this table as it appears in the Plan. CFP projects identified in the Amendment begin in the table as item number 21. In those cases where the Amendment projects supercede projects identified in the Plan's Table 6-1, this is noted in the "Comments" column of the Amendment table.

The project cost estimates in Plan Table 6-1 are in 1996 dollars. The project cost estimates in Amendment Table 6-1 are in 1998 dollars.

### AREA 1 - "POLYGON" ANNEXATION

There are four projects related to providing sewer service for this area:

- Onsite sewers. These will be constructed by the developer as a developer extension within the annexation area. The exact location of the onsite sewers will be a function of topography, lot configuration, street locations, etc. This will not be a District project. Refer to Figure 6.21A.
- Offsite sewers. These are the sewers required to convey flow from the annexation to the District's existing system. This is estimated to be approximately 2500 LF of 10-inch diameter gravity sewer pipe. This will be paid for by the developer and would not be a District project. Refer to Figure 6.21.
- North Lake Wilderness Trunk upgrade. This is the existing 10-inch along 232<sup>nd</sup> Place SE and along the east side of Lake Wilderness. Approximately 8400 LF of this line will have to be upsized to 15-inch diameter pipe when the annexation is

developed in conjunction with other development in the drainage basin. A portion of this trunk would also be impacted by Area 2 as discussed later in this chapter. Pipe bursting of the existing pipe is a construction method under consideration. This project is shown as CFP number 27 in Table 6-1. It is anticipated this will be a District contract with funding by the annexation developer (Polygon Northwest) and Tahoma School District participating. The exact schedule for this project is unknown but will be year 2000 or later. Estimated project cost is \$2,420,000. Refer to Figures 6.16 and 6.21.

This project supercedes the more modest upgrade of the North Lake Wilderness Trunk discussed in the Plan on page 6-13 and which was designated as CFP project number 20 in Plan Table 6-1.

- Polygon gravity sewer. This is a reference to the future gravity line extension of the North Lake Wilderness Trunk along the Lake Wilderness Trail westerly to where it will connect with the planned Witte Road Conveyance System. The Witte Road project is discussed under Area 3 below. The purpose of the Polygon gravity sewer, which is identified as CFP project number 26 in Amendment Table 6-1, is to convey flows to LS 15B. This project will eliminate the need for CFP project number 19 (the SE 248<sup>th</sup> Street relief sewer) in Plan Table 6-1. The project will consist of 15-inch diameter gravity sewer pipe totaling approximately 2900 LF. The estimated project cost is \$1,200,000 to be funded jointly by the District, Polygon Northwest Company, and Tahoma School District. The District contract number is 14-98S. Refer to Figure 6.16, grid M-17.

## AREA 2 - TAHOMA SCHOOL

There are three projects related to providing sewer service to the proposed school.

- Onsite sewers. These will be constructed by the school district as a developer extension. The exact location of the onsite sewers will be a function of topography, building configuration, etc. but is anticipated to be approximately 3600 LF of 8-inch gravity sewer pipe. This will not be a District project. Refer to Figure 6.17.
- Lift Station 37. It will be necessary to pump the sewage from the school site via force main. The station will be located at the southwest corner of the school site. This location has changed slightly from that shown in the Plan. Construction is scheduled for the year 1999. Estimated project cost is \$561,000. This project will be funded by the school district. Refer to Figure 6.17. This project is CFP number 28 in Table 6-1 and is District contract number 4-98S.
- LS 37 force main. The force main will convey the pumped sewage from LS 37 to the District's system as described in Chapter 5. The force main will be approximately

5000 LF in length, 6-inch diameter. Construction is scheduled for the year 1999. Estimated project cost is \$577,000. The project will be funded by the school district. Refer to Figures 6.16, 6.17 and 6.21A. This project is CFP number 29 in Table 6-1 and is District Contract No. 5-98S. (The flow from LS 37, in conjunction with the Area 1 flow will impact the North Lake Wilderness Trunk as described in Area 1 above).

### **AREA 3 - WITTE ROAD INTERCEPTOR REVISIONS**

The Witte Road Interceptor was described on page 6-9 of the Plan. It was envisioned for construction in two phases, which were identified in Plan Table 6-1 as CFP projects numbers 6 and 7A with 7B being an alternative route.

As described in Amendment Chapter 5, the Witte Road Interceptor has not been constructed except for a portion along SE 240<sup>th</sup> Street easterly from LS 15B. Neither of the two alternative routes has proved to be feasible.

Therefore, a revised concept has been developed. It consists of using the route shown in the Plan as alternative 7B but, instead of a gravity sewer, the District will build a new lift station, designated as LS 38, in the vicinity of existing LS 15. A force main will convey sewage along Witte Road northerly to where it intercepts a King County Park's trail (known as the Lake Wilderness Trail). This point is on the boundary line between grids M-16 and M-17 shown on Figure 6.16.

At the intersection of the Lake Wilderness Trail with Witte Road the force main will end and the pipe will become a gravity interceptor. At this location the Polygon gravity sewer, as described in Area 1 above, will also connect. The interceptor will follow the trail in a north-northwest direction to SE 240<sup>th</sup> Street and connect to the portion of the interceptor that has already been constructed. Flow will then continue into LS 15B.

The combined force main - gravity interceptor route is, in essence, the alternative 7B route shown in the Plan.

The advantage of this scheme is that both the force main and the gravity interceptor pipes can be constructed at shallower depths than the gravity interceptor envisioned in the Plan. This will greatly minimize the amount of groundwater dewatering, road closures, and other impacts associated with constructing the pipe as compared to the Plan's alternative 7B and which subsequent engineering evaluation has identified as having considerable environmental risks.

The disadvantage of this new concept is, of course, that a new lift station will have to be built. The District will acquire property near the existing LS 15B site and construct new LS 38. The existing LS 15 site is too small and constrained by a nearby stream and

wetlands. Furthermore, it is not practical to mechanically upgrade the existing station's capacity to handle the projected flows from this growing area of the District.

New LS 38 will be designed to accommodate these flows and will have appurtenant facilities more suitable for a larger pumping facility. There will be enough room onsite to have a control building which will have the emergency backup generator housed inside for better weather protection and noise control. The station will be a triplex configuration for better reliability as compared to the existing duplex facility at LS 15.

The following summarizes the Witte Road Interceptor projects as they have been revised. The District will fund these projects. All projects are scheduled for design in 1998-1999. Map reference is Figure 6.16.

- Witte Road conveyance system. This project is the combined force main - gravity interceptor that will deliver pumped flow from new LS 38 to the existing gravity pipe on SE 240<sup>th</sup> Street. This project also includes an 18-inch gravity pipe to convey sewage from the existing LS 15 site to the new LS 38 site. Pipe sizes will vary from 12 to 24-inches in diameter with a total length of approximately 4900 LF. This will be a District funded project and is designated as CFP project number 21 in Amendment Table 6-1. The assigned District contract number is 8-98S. Estimated project cost is \$1,875,000.
- Lift Station 38 purchase. This project will consist of the purchase and delivery of the factory-manufactured, dry well-configuration lift station. In Amendment Table 6-1 this project is identified as CFP project number 22. The District contract number is 9-98S. Estimated project cost is \$340,000.
- Lift Station 38 installation. This project is for the installation of the factory manufactured lift station, generator, construction of the control building, and the other appurtenant features of the completed facility. This is CFP project number 23 in Amendment Table 6-1 and is District contract number 10-98S. Estimated project cost is \$1,440,000.
- Lift Station generator purchase. This project is for the purchase and delivery of the emergency backup power generator to be installed in contract 10-98S. This is CFP project number 24 in Amendment Table 6-1. The District contract number is 11-98S. Estimated project cost is \$65,000.
- Lift Station 38 portable pump. This pump is intended for use during wet weather months in anticipation that the Witte Road conveyance system will be constructed prior to the completion of LS 38. This pump will have the ability to divert any flows in excess of LS 15's pumping capacity into the conveyance system and pump to LS 15B. Being portable, the pump will have further usage in the future for bypass

pumping at the District's other lift stations in the event of prolonged power failures, etc. This is CFP project number 26 in Amendment Table 6-1 and is designated as District contract number 12-98S. Project cost is estimated at \$60,000.

#### **AREA 4 - "AUBURN" SERVICE AREA**

Since the Plan was written in 1996 the District has received sewer service inquiries from the Kent School District, Polygon Northwest Company, and for a plat called South Ridge. The reference maps are Amendment Figures 6.18 and 6.23.

These inquiries are too preliminary to identify on these maps but they have instigated further engineering investigations of how the District might provide sewer service in this area. The result of these investigations is still tentative because the exact location of the required infrastructure will be dependent whether, and if at all, these areas are developed and their timing in relationship to each other. Of course, the District could receive other inquiries for service in this area, which would further impact the actual location of facilities.

For the purposes of this Amendment, Figures 6.18 and 6.23 have been modified to show the possibility of locating existing LS 20 at two future locations, designated as LS 20B and LS 20C, rather than only one location as shown in the Plan. LS 20B would be constructed in the approximate location shown to serve the proposed South Ridge plat.

Further investigation has also shown that a large area (generally bounded by 124<sup>th</sup> Avenue SE on the west, 132<sup>nd</sup> Avenue SE on the east, SE 288<sup>th</sup> Street on the south and the unnamed creek tributary to the north) could potentially flow by gravity towards the LS 20B location. Or, this area could still flow south towards Auburn as was shown in the Plan.

Because of the preliminary nature of this planning, there are no CFP projects identified to serve Area 4.

#### **AREA 5 - COUNTRY CLUB NO. 1 OFFSITE**

There are no significant future projects or service area issues associated with Area 5. There has been a minor change in gravity flow routing that was constructed in association with the Country Club No. 1 development. Refer to Chapter 5 for a discussion.

#### **AREA 6 - FAIRWOOD ESTATES**



A small adjustment has been made to the drainage basin B boundary in connection with design work being done for the Fairwood Estates plat. Refer to Chapter 5 for more information.

The District is also designing an 8-inch gravity sewer project to cross a wetland in order to serve a small area in this vicinity. This will discharge into existing sewers located in a plat called Fairwood Pond 1. By policy, the District does not allow construction in sensitive areas under developer extension projects. The project will allow gravity service and eliminate the need for pumping facilities that would otherwise be required for these parcels. The District is funding this project by General Facility Charges.

This is CFP project number 30 in Amendment Table 6-1 and is designated as District contract number 15-98S. Project cost is estimated at \$250,000. Refer to Figure 6.04, grid E-7.

**Table 6-1 Capital Facilities Plan**

Item No.	Project Title/Location	Figure Loc. Ref.	Approx. Project Year	Diameter	Length L.F.	Pipe Type	Opinion of Probable Project Cost	District Contract No.	Comments
21	WITTE ROAD CONVEYANCE SYSTEM	6.16	1998-99	12" - 24"	4900	PVC	\$1,875,00	8-98S	Replaces 6, 7A, 7B
22	LS 38 PURCHASE	6.16	1998-99	N/A	--	--	\$340,000	9-98S	"
23	LS 38 INSTALLATION	6.16	1998-99	N/A	--	--	\$1,440,000	10-98S	"
24	LS 38 GENERATOR PURCHASE	6.16	1998-99	N/A	--	--	\$65,000	11-98S	"
25	LS 38 PORTABLE PUMP	6.16	1998-99	N/A	--	--	\$60,000	12-98S	"
26	POLYGON GRAVITY SEWER	6.16	2000+	15"	2900	PVC	\$1,200,000	14-98S	Replaces 19
27	NORTH LAKE WILDERNESS TRUNK UPGRADE	6.16,6.21	2000+	15"	8400	PVC	\$2,420,000	--	Replaces 20
28	LS 37	6.17	1999	N/A	--	--	\$561,000	4-98S	
29	LS 37 FORCE MAIN	6.16, 6.17,6.21A	1999	6"	5000	PVC	\$577,000	5-98S	
30	WETLAND CROSSING TO FAIRWOOD POND 1	6.04	1999	8"	500	PVC	\$250,000	15-98S	

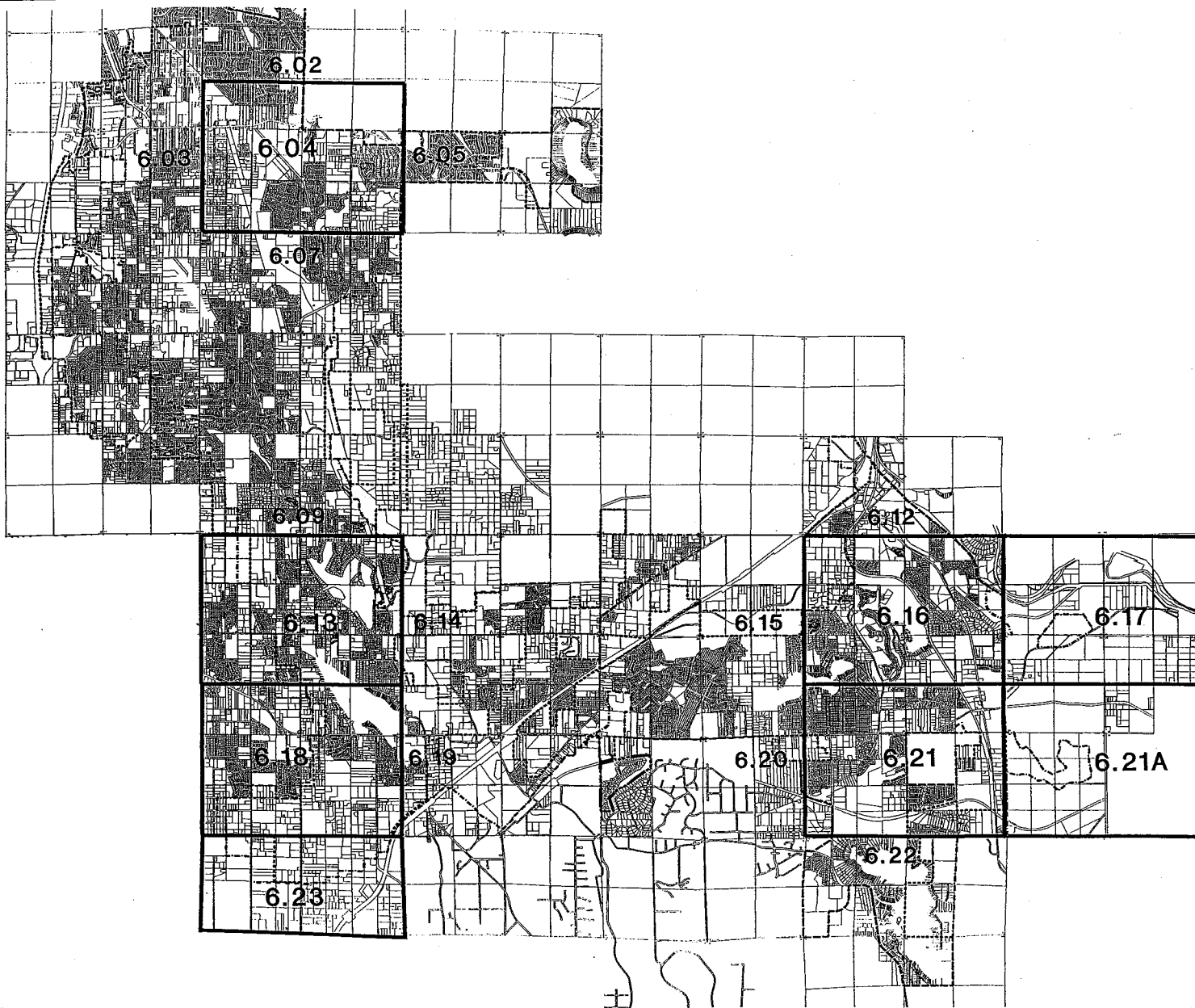
SOOS CREEK WATER  
& SEWER DISTRICT

1998  
SEWER COMPREHENSIVE  
PLAN AMENDMENT

EXISTING &  
PROPOSED FACILITIES  
INDEX MAP



1/2 0 1  
SCALE IN MILES



LEGEND

- SOOS CREEK WATER  
& SEWER DISTRICT  
SEWER SERVICE LIMITS
- SOOS CREEK WATER  
& SEWER DISTRICT  
PLANNING AREA
- 6.01 FIGURE NUMBER

FIGURE 6.0

SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

EXISTING & PROPOSED SEWERAGE FACILITIES



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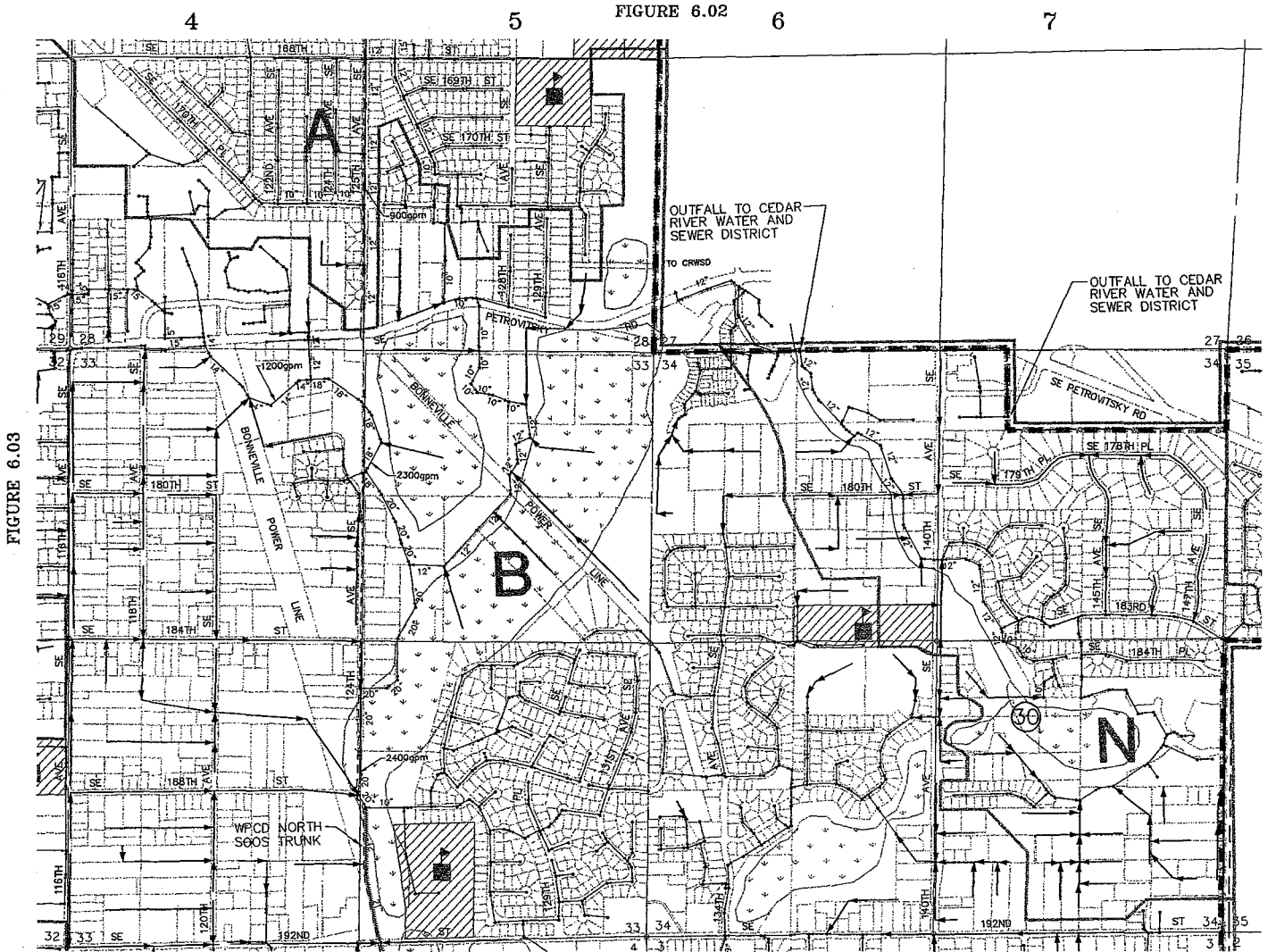
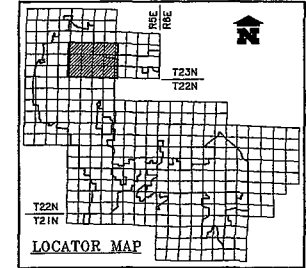


FIGURE 6.03

FIGURE 6.05

FIGURE 6.07

LEGEND

- ▬ SOOS CREEK WATER & SEWER DISTRICT CORPORATE BOUNDARY
- ▬ CURRENT SEWER PLANNING AREA BOUNDARY
- ▬ DRAINAGE AREA BOUNDARY
- ▬ EXISTING FRANCHISE BOUNDARY
- ▬ PROPOSED FRANCHISE BOUNDARY
- ▬ URBAN GROWTH AREA BOUNDARY
- ▬ EXISTING GRAVITY FACILITIES
- ▬ EXISTING FORCE MAIN FACILITIES
- ▬ EXISTING LOW PRESSURE FACILITIES
- ▬ EXISTING SEWER BY ADJACENT PURVEYOR
- ▬ EXISTING SEWER BY WPCD
- EXISTING LIFT STATION
- FUTURE LIFT STATION
- ▬ FUTURE GRAVITY FACILITIES
- ▬ FUTURE FORCE MAIN FACILITIES
- ▬ FUTURE LOW PRESSURE FACILITIES
- ⑪ PROPOSED C.F.P. IMPROVEMENT NUMBER
- ▨ EXISTING SCHOOL SITE

FIGURE 6.04

SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

EXISTING & PROPOSED SEWERAGE FACILITIES

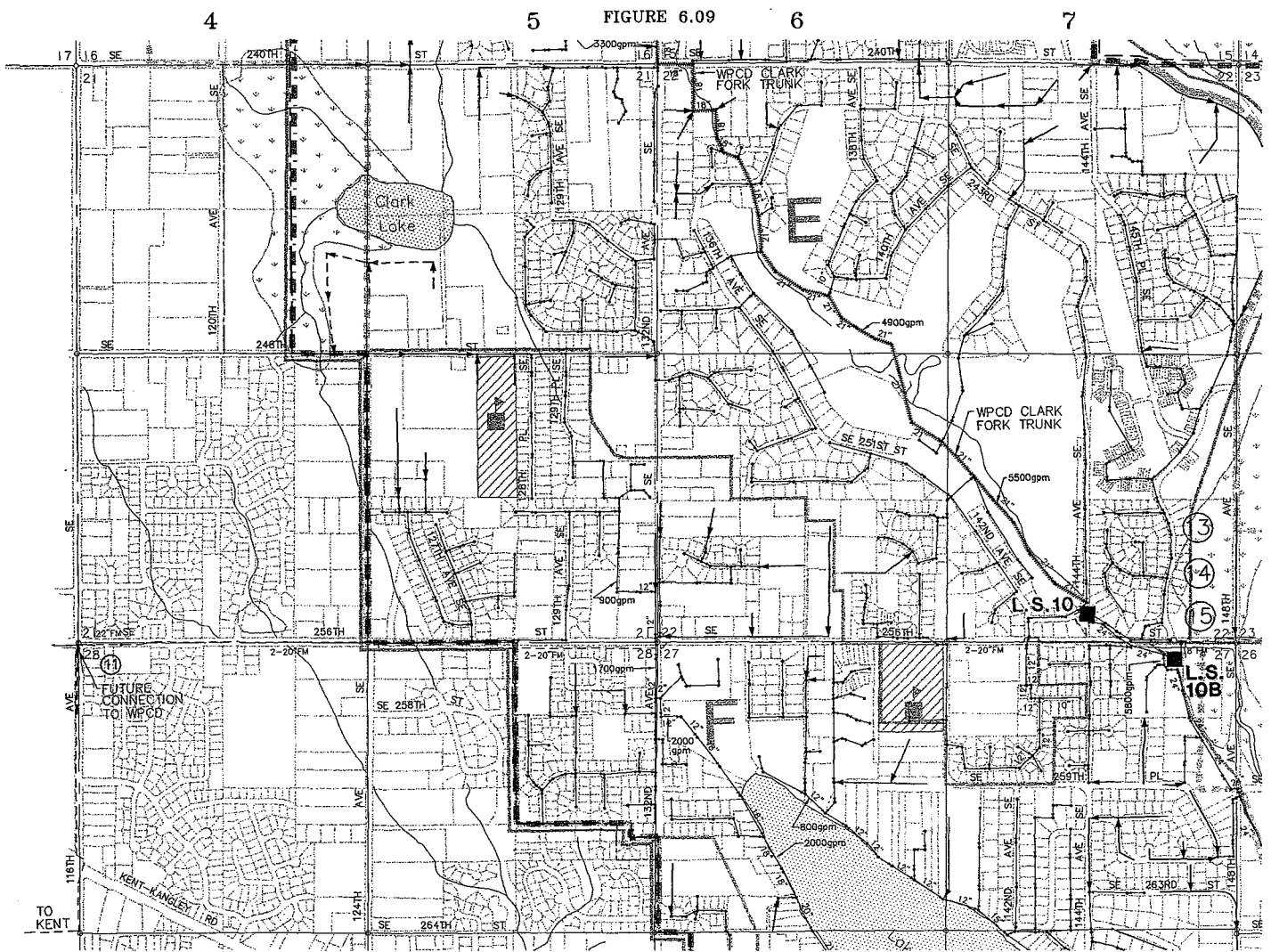
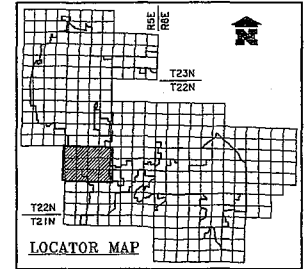
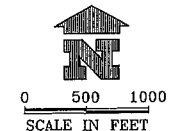


FIGURE 6.14

LEGEND

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- ▬ CURRENT SEWER PLANNING AREA BOUNDARY
- ▬ DRAINAGE AREA BOUNDARY
- ▬ EXISTING FRANCHISE BOUNDARY
- ▬ PROPOSED FRANCHISE BOUNDARY
- ▬ URBAN GROWTH AREA BOUNDARY
- ▬ EXISTING GRAVITY FACILITIES
- ▬ EXISTING FORCE MAIN FACILITIES
- ▬ EXISTING LOW PRESSURE FACILITIES
- ▬ EXISTING SEWER BY ADJACENT PURVEYOR
- ▬ EXISTING SEWER BY WPCD
- ▬ EXISTING LIFT STATION
- ▬ FUTURE LIFT STATION
- ▬ FUTURE GRAVITY FACILITIES
- ▬ FUTURE FORCE MAIN FACILITIES
- ▬ FUTURE LOW PRESSURE FACILITIES
- ⑪ PROPOSED C.F.P. IMPROVEMENT NUMBER
- ▨ EXISTING SCHOOL SITE

FIGURE 6.13

FIGURE 6.18

REVISION NO. 1 - 11/4/98  
F:\04\643\DWCS\COMAMEND\FIGURES\FIG6-13.DWG

Roth Hill  
Engineering Partners, Inc.  
14450 NE 29th Pl., Ste. 11  
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(800) 835-0200  
ENGINEERS PLANNERS SURVEYORS GIS/AM/PM FAX (425) 869-1111

SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

EXISTING & PROPOSED SEWERAGE FACILITIES



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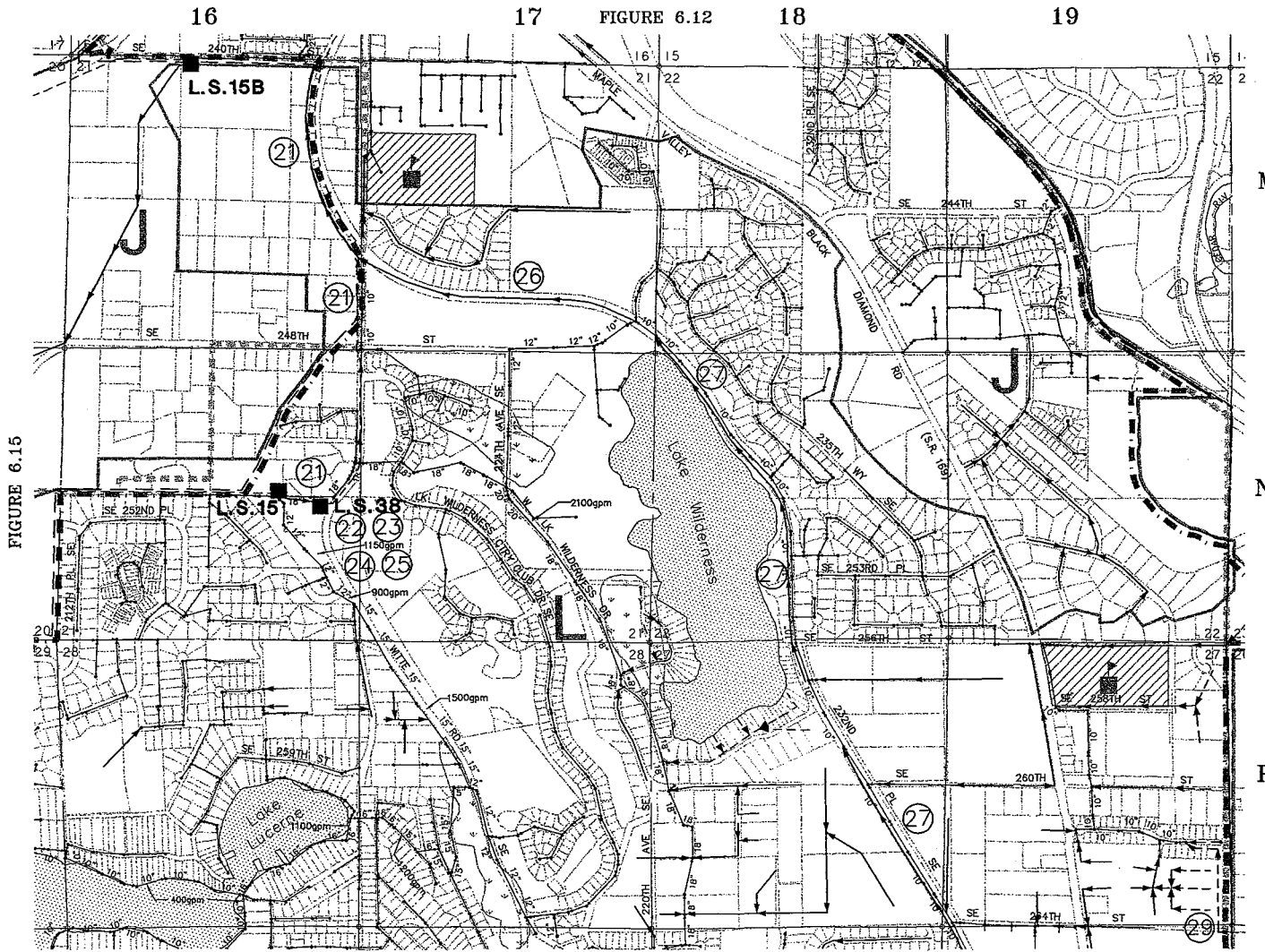
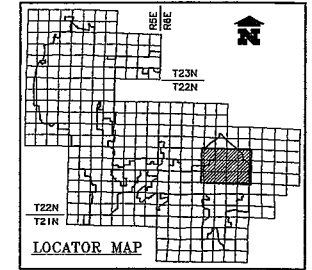


FIGURE 6.15

M

N

P

FIGURE 6.17

FIGURE 6.21

LEGEND

- SOOS CREEK WATER & SEWER DISTRICT CORPORATE BOUNDARY
- CURRENT SEWER PLANNING AREA BOUNDARY
- DRAINAGE AREA BOUNDARY
- EXISTING FRANCHISE BOUNDARY
- PROPOSED FRANCHISE BOUNDARY
- URBAN GROWTH AREA BOUNDARY
- EXISTING GRAVITY FACILITIES
- EXISTING FORCE MAIN FACILITIES
- ← EXISTING LOW PRESSURE FACILITIES
- ← EXISTING SEWER BY ADJACENT PURVEYOR
- ← EXISTING SEWER BY WPCD
- EXISTING LIFT STATION
- FUTURE LIFT STATION
- ← FUTURE GRAVITY FACILITIES
- ← FUTURE FORCE MAIN FACILITIES
- ← FUTURE LOW PRESSURE FACILITIES
- (11) PROPOSED C.F.P. IMPROVEMENT NUMBER
- ▨ EXISTING SCHOOL SITE

FIGURE 6.16

SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

EXISTING & PROPOSED SEWERAGE FACILITIES



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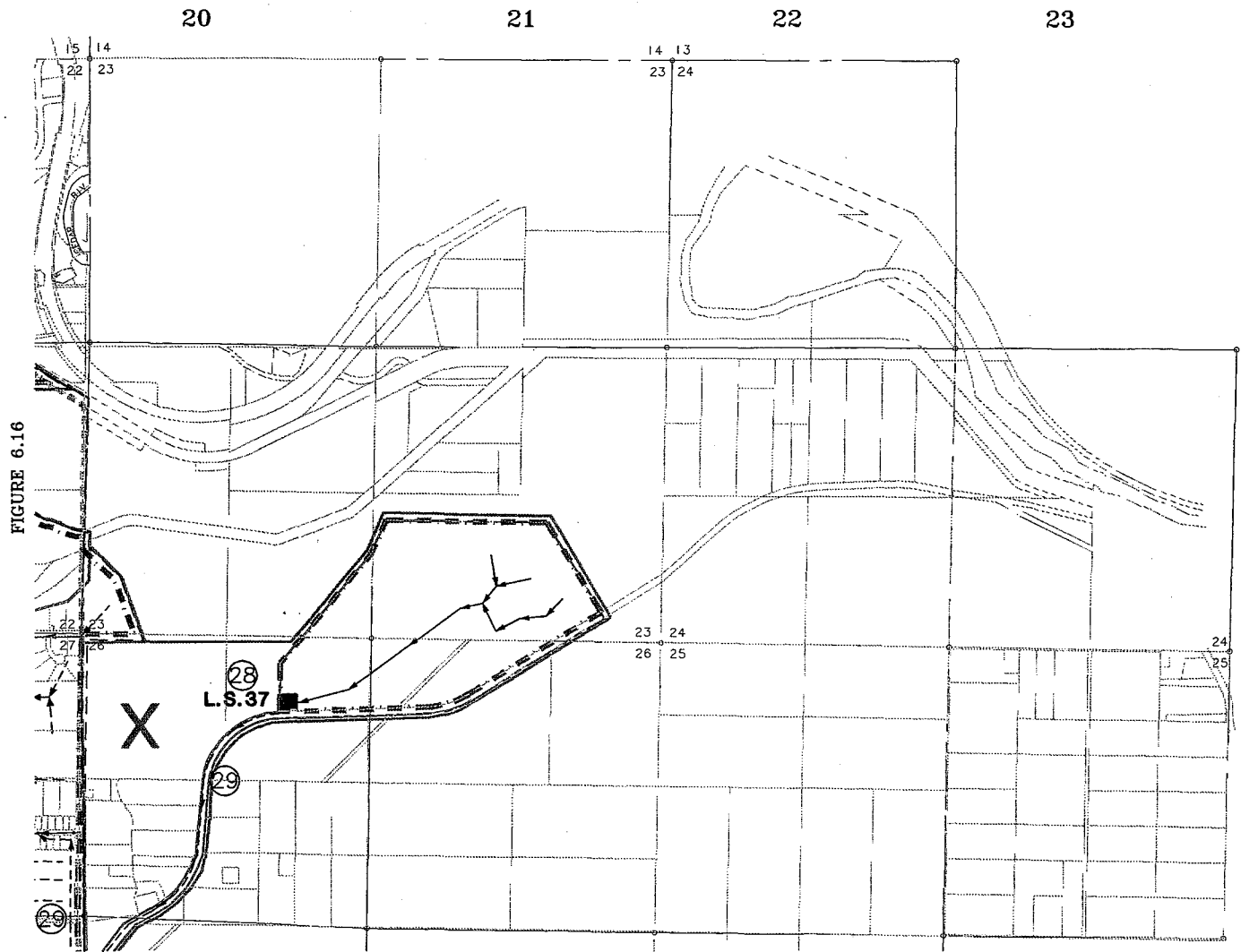
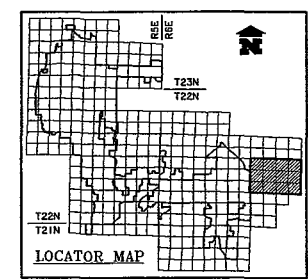


FIGURE 6.16

FIGURE 6.21A

M  
N  
P

LEGEND

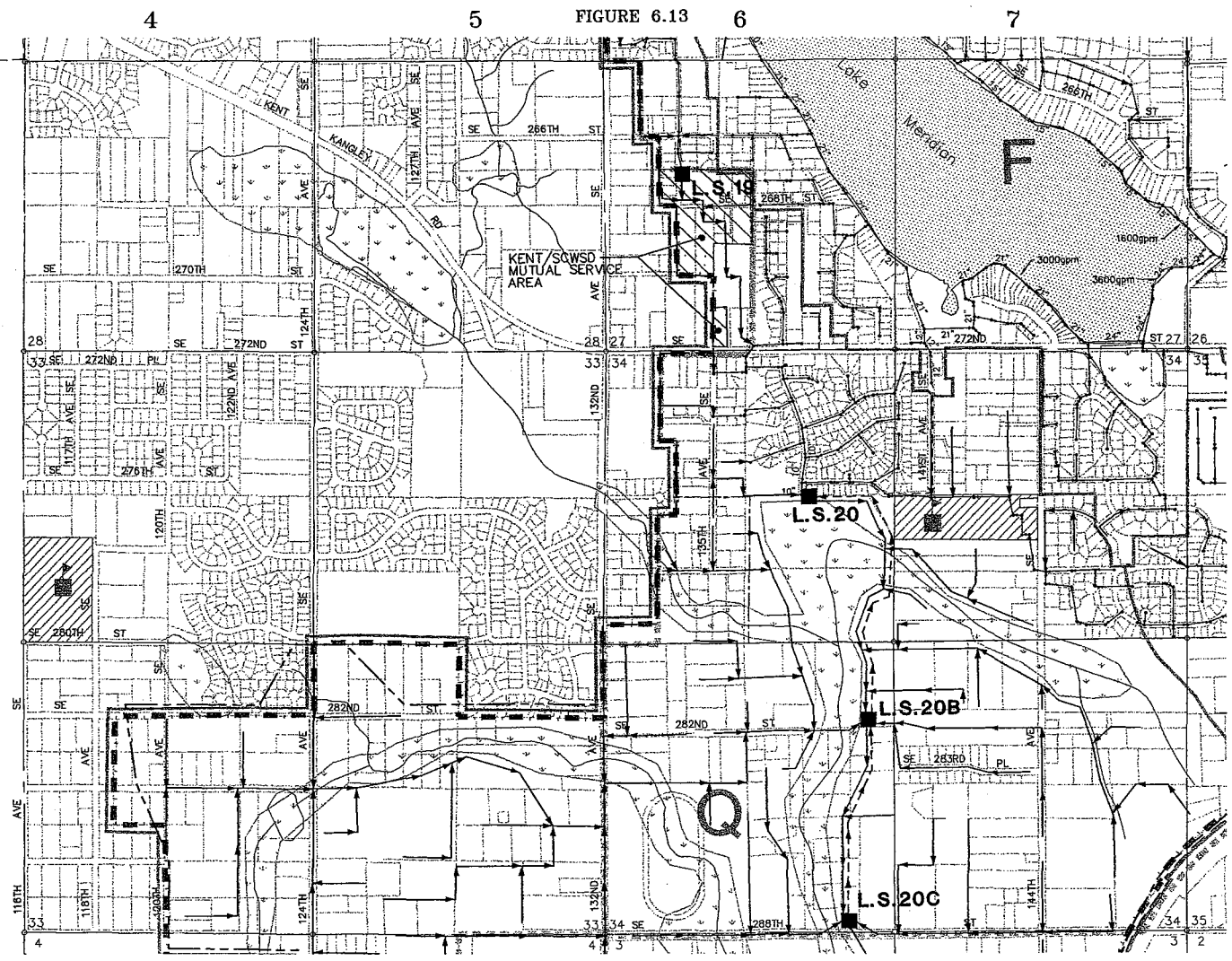
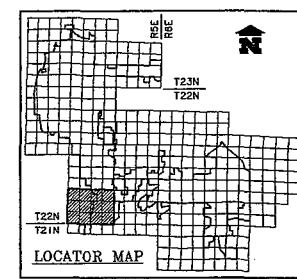
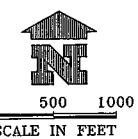
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- CURRENT SEWER PLANNING AREA BOUNDARY
- DRAINAGE AREA BOUNDARY
- EXISTING FRANCHISE BOUNDARY
- PROPOSED FRANCHISE BOUNDARY
- URBAN GROWTH AREA BOUNDARY
- EXISTING GRAVITY FACILITIES
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- EXISTING LIFT STATION
- FUTURE LIFT STATION
- ← FUTURE GRAVITY FACILITIES
- ← FUTURE FORCE MAIN FACILITIES
- ← FUTURE LOW PRESSURE FACILITIES
- ⑪ PROPOSED C.F.P. IMPROVEMENT NUMBER
- ▨ EXISTING SCHOOL SITE

FIGURE 6.17

SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

EXISTING & PROPOSED SEWERAGE FACILITIES

FIGURE 6.13



Q  
R  
S

LEGEND

- SOOS CREEK WATER & SEWER DISTRICT CORPORATE BOUNDARY
- CURRENT SEWER PLANNING AREA BOUNDARY
- DRAINAGE AREA BOUNDARY
- EXISTING FRANCHISE BOUNDARY
- PROPOSED FRANCHISE BOUNDARY
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- EXISTING SEWER BY WPCD
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- FUTURE LIFT STATION
- FUTURE GRAVITY FACILITIES
- FUTURE FORCE MAIN FACILITIES
- FUTURE LOW PRESSURE FACILITIES
- PROPOSED C.F.P. IMPROVEMENT NUMBER
- EXISTING SCHOOL SITE

FIGURE 6.19

FIGURE 6.18



SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

EXISTING & PROPOSED SEWERAGE FACILITIES



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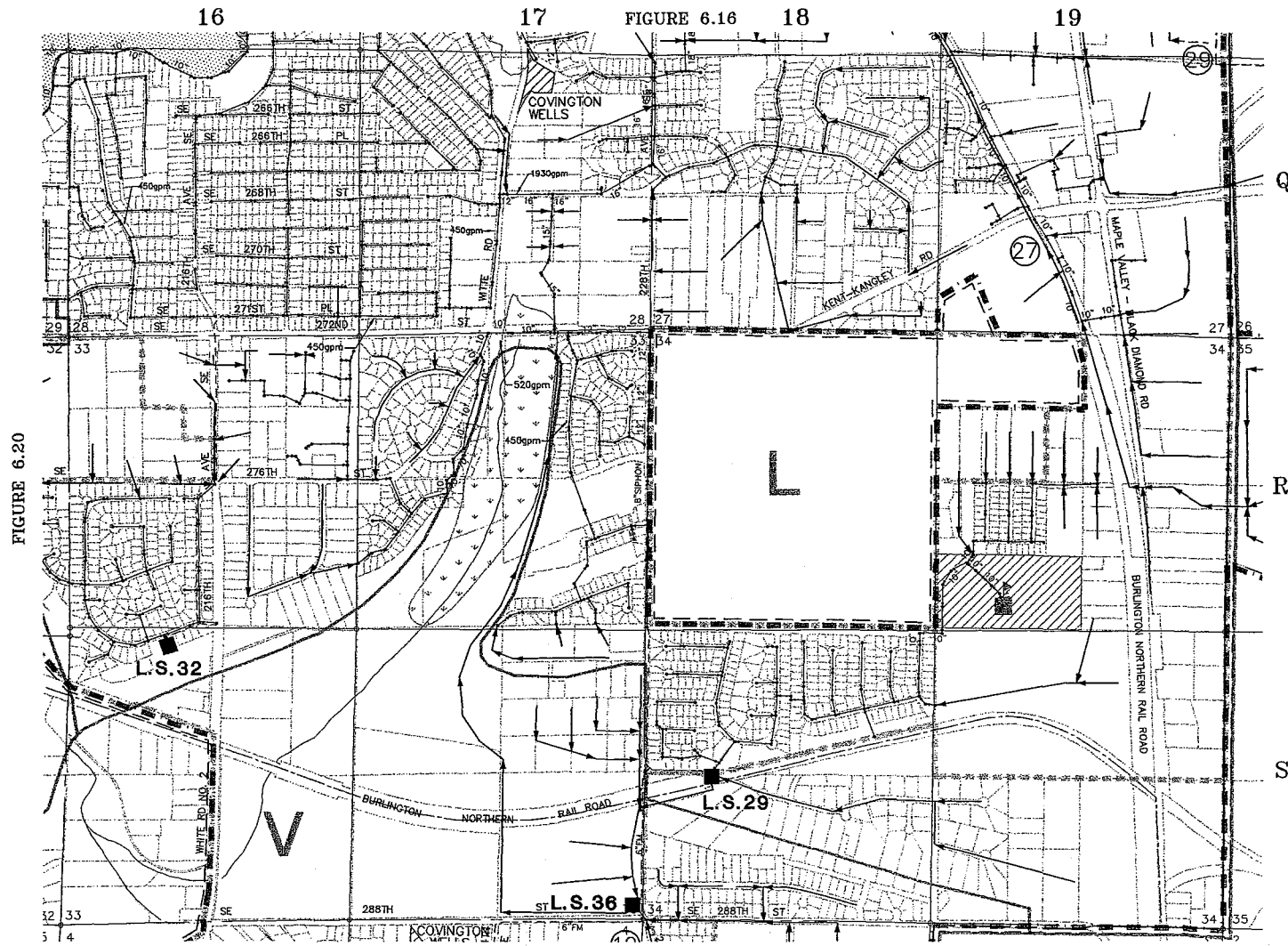
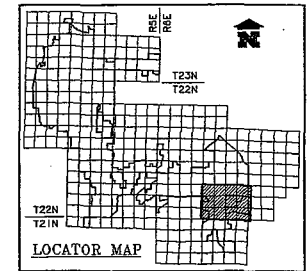


FIGURE 6.20

FIGURE 6.21A

FIGURE 6.22

- LEGEND**
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  - DRAINAGE AREA BOUNDARY
  - EXISTING FRANCHISE BOUNDARY
  - PROPOSED FRANCHISE BOUNDARY
  - - - - - URBAN GROWTH AREA BOUNDARY
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  - FUTURE LIFT STATION
  - FUTURE GRAVITY FACILITIES
  - FUTURE FORCE MAIN FACILITIES
  - FUTURE LOW PRESSURE FACILITIES
  - ⑪ PROPOSED C.F.P. IMPROVEMENT NUMBER
  - ▨ EXISTING SCHOOL SITE

FIGURE 6.21

SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

EXISTING & PROPOSED SEWERAGE FACILITIES



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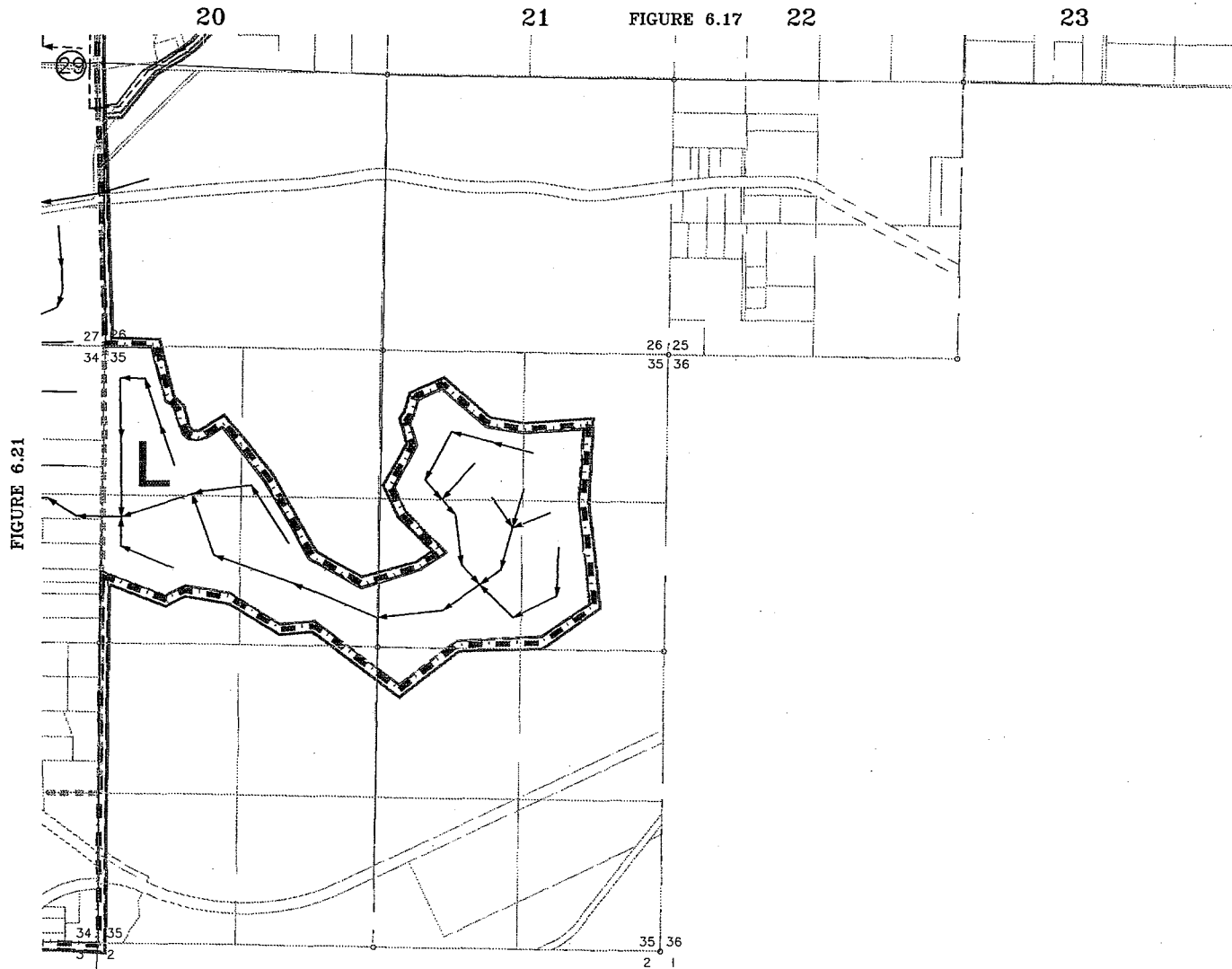
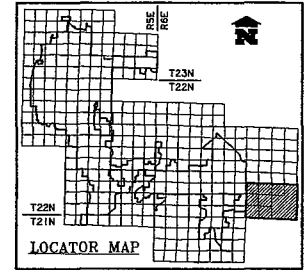


FIGURE 6.21

LEGEND

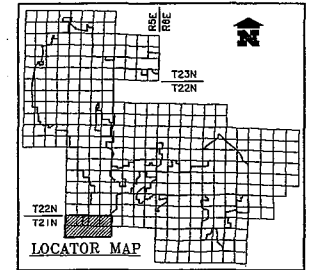
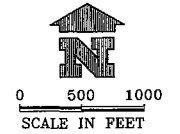
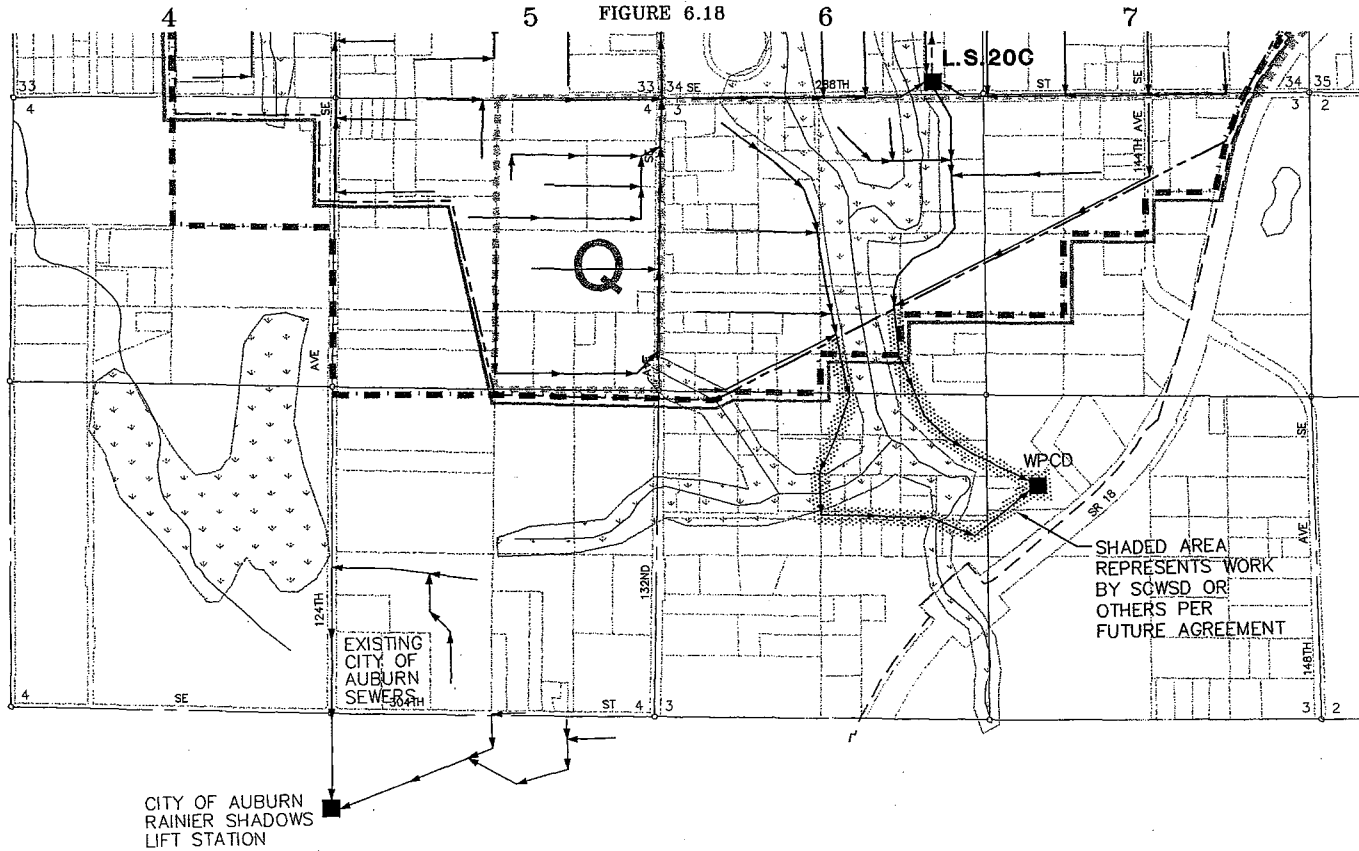
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- DRAINAGE AREA BOUNDARY
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- FUTURE FORCE MAIN FACILITIES
- FUTURE LOW PRESSURE FACILITIES
- PROPOSED C.F.P. IMPROVEMENT NUMBER
- EXISTING SCHOOL SITE

FIGURE 6.21A

SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

EXISTING & PROPOSED SEWERAGE FACILITIES

FIGURE 6.18



LEGEND

- SOOS CREEK WATER & SEWER DISTRICT CORPORATE BOUNDARY
- CURRENT SEWER PLANNING AREA BOUNDARY
- DRAINAGE AREA BOUNDARY
- EXISTING FRANCHISE BOUNDARY
- PROPOSED FRANCHISE BOUNDARY
- URBAN GROWTH AREA BOUNDARY
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- EXISTING SEWER BY WPCD
- EXISTING LIFT STATION
- FUTURE LIFT STATION
- FUTURE GRAVITY FACILITIES
- FUTURE FORCE MAIN FACILITIES
- FUTURE LOW PRESSURE FACILITIES
- ⑪ PROPOSED C.F.P. IMPROVEMENT NUMBER
- ▨ EXISTING SCHOOL SITE

FIGURE 6.23

Roth Hill Engineering Partners, Inc.  
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ENGINEERS PLANNERS SURVEYORS GIS/AM/PM FAX (425) 869-1119

## *CHAPTER SEVEN*

# FINANCIAL PROGRAM

### INTRODUCTION

The methods of financing improvements remain as discussed in Chapter 7 of the Plan. The projects identified in Amendment Chapter 6 will be financed as described below.

### **AREA 1 - "POLYGON" ANNEXATION**

These projects are to be financed by a combination of base rate General Facility Charges and direct reimbursement from the developer, Polygon Northwest Company. The District's share of costs to upgrade impacted downstream infrastructure will be financed from its Repair and Replacement Fund. Sharing of costs will be by ratio of the number of housing units each participant is contributing. Specifically, the Area 1 projects will be financed as follows:

- Onsite sewers - by the developer as a developer extension agreement.
- Offsite sewers - by the developer as a developer extension agreement.
- North Lake Wilderness Trunk upgrade - District contract with funding by the developer (Polygon Northwest) upstream of the point where Area 2 flow enters; downstream of this point Tahoma School District will also share.
- Polygon gravity sewer - shared by District, developer and Tahoma School District as a District contract.

### **AREA 2 - TAHOMA SCHOOL**

These projects also are to be financed by a combination of base rate General Facility Charges and direct reimbursement from Tahoma School District. Cost sharing will be based on the school's ERU's. The District share of upgrading downstream sewers will be financed from its Repair and Replacement Fund. Area 2 projects will be funded as described:

- Onsite sewers - by Tahoma School District as a developer extension agreement.
- Lift Station 37 and force main- by Tahoma School District as a reimbursement for District construction contracts.
- North Lake Wilderness Trunk upgrade and Polygon gravity sewer - shared by District, Area 1 developer, and Tahoma School District (see Area 1 above).

### **AREA 3 - WITTE ROAD INTERCEPTOR REVISIONS**

These projects will be financed entirely from the District's Repair and Replacement Fund.

#### **AREA 4 - "AUBURN" SERVICE AREA**

Development in this area will be financed primarily by developer extension. The District will participate in accordance with established policy for facilities requiring over-depth construction, oversize pipe, or to provide regional benefit as development occurs. No specific District CFP projects are identified at this time.

#### **AREA 5 - COUNTRY CLUB NO. 1 OFFSITE**

The District paid for the over-depth crossing of SE 240<sup>th</sup> Street out of its Repair and Replacement Fund. Future sewer lines to utilize this crossing will be paid by developer extension agreement.

#### **AREA 6 - FAIRWOOD ESTATES**

Development in this area is being accomplished by developer extension. However, the District will have a contract for necessary crossing of wetlands. The District will pay for the contract out of its Repair and Replacement Fund, i.e. General Facility Charges.

*CHAPTER EIGHT*  
**MANAGEMENT AND OPERATIONS PROGRAM**

**GENERAL**

Since the Amendment is not a general update to the Plan but concerns itself only with six subject areas, this chapter is not applicable to the Amendment. Obviously any infrastructure facilities constructed pursuant to the Amendment's recommendations will have to be maintained, operated, and managed in accordance with the District's policies and procedures. These topics are summarized in this chapter of the Plan.



COPY

**SOOS CREEK WATER AND SEWER DISTRICT**

**KING COUNTY, WASHINGTON**

**RESOLUTION NO. 1819-S**

**RECEIVED**

NOV - 3 1998

**A RESOLUTION** of the Board of Commissioners of Soos Creek Water and Sewer District, King County, Washington, adopting an Environmental Checklist and making a Proposed Finding of Nonsignificance, pursuant to SEPA; Soos Creek Water and Sewer District 1998 Sewer Comprehensive Plan Amendment.

FOOTHILL ENGR. PARTNERS, INC.  
BELLEVUE, WA

**WHEREAS**, an environmental assessment has been conducted pursuant to SEPA for the Soos Creek Water and Sewer District 1998 Comprehensive Sewer Plan Amendment; and

**WHEREAS**, the laws of the State of Washington and particularly the state Environmental Policy Act of 1971, direct that all branches of government of this State, including municipal corporations, include in every recommendation or report on proposals for legislation and other actions a detailed statement by the responsible officials relating to the environmental impact of the proposed action and other environmental concerns; and

**WHEREAS**, the Commissioners are cognizant of King County ordinances implementing the State Environmental Policy Act in King County; and

**WHEREAS**, the Commissioners have adopted an Environmental Summary and Action and the Environmental Checklist, having considered each item thereon.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Commissioners of Soos Creek water and sewer District as follows:

**SECTION 1:** That the Commissioners do formally adopt and make part of this Resolution the environmental assessment consisting of Summary and Action and the Environmental Checklist, a copy of same being attached hereto as Exhibit "A", and by this reference made a part hereof.

**SECTION 2:** That the Commissioners do hereby make a proposed Finding of

**RESOLUTION NO. 1819-S**

**SUBJECT:** Adopting DNS and EIA for  
the Soos Creek Water and Sewer District  
1998 Sewer Comprehensive Plan Amendment

**PAGE 1**





Nonsignificance based upon the findings in Exhibit "A".

**SECTION 3:** That the District's staff is directed to record this resolution in the SEPA register maintained by the District, and circulate same among appropriate agencies:

**ADOPTED** by the Board of Commissioners of Soos Creek Water and Sewer District, King County, Washington, at a regular open public meeting thereof on the 28th day of October, 1998.

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**PHILIP SULLIVAN**, President

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**KAREN WEBSTER**, Secretary

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**CLEMENT QUANRUD**, Commissioner

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**PATRICK BRAZIL**, Commissioner

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**STEVE SANDELIUS**, Commissioner

**RESOLUTION NO. 1819-S**

**SUBJECT:** Adopting DNS and EIA for  
the Soos Creek Water and Sewer District  
1998 Sewer Comprehensive Plan Amendment

**PAGE 2**



SEPA RULES

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

DETERMINATION OF NONSIGNIFICANCE

Description of proposal:

THE SOOS CREEK WATER & SEWER DISTRICT 1998 SEWER COMPREHENSIVE PLAN AMENDMENT IS INTENDED TO AMEND THE DISTRICT'S 1996 SEWER COMPREHENSIVE PLAN TO ADDRESS SPECIFIC SERVICE NEEDS AND WILL ENABLE THE DISTRICT TO PROVIDE SERVICES FOR ITS SERVICE PLANNING AREA PER THE KING COUNTY COMPREHENSIVE PLAN, AS ADOPTED, TO IMPLEMENT THE GROWTH MANAGEMENT ACT. THE AMENDMENT WILL ALSO ALLOW THE DISTRICT TO CONTINUE ITS COORDINATION WITH THE CITIES AND OTHER MUNICIPALITIES ADJACENT TO THE SOUTHERLY BOUNDARY OF THE DISTRICT. THE AMENDMENT WILL ALLOW FOR THE ULTIMATE PROVISION OF SEWER SERVICE IN THE AREA.

SEWER SERVICE AREA ANNEXATIONS, FRANCHISE BOUNDARY ADJUSTMENTS AND CHANGES IN SERVICE CONCEPTS ARE ADDRESSED IN THE PLAN AMENDMENT. TO PROVIDE SEWER SERVICE WITHIN IT'S SERVICE AREA, THE DISTRICT NEEDS TO RENOVATE AND UPGRADE PORTIONS OF THE EXISTING SYSTEM AS WELL AS PROVIDE NEW SEWERS AS A RESPONSE TO DEVELOPMENT OR SERVICE AREA EXPANSION. SOME PREVIOUSLY PROPOSED BASIN BOUNDARIES AND SERVICE CONCEPTS HAVE BEEN REVISED AS A RESULT OF RECENT DETAILED STUDY OF THE SITES. A LARGE GRAVITY SEWER MAIN HAS BEEN CHANGED TO A COMBINED FORCE MAIN AND SHALLOWER GRAVITY MAIN TO REDUCE ENVIRONMENTAL AND NEIGHBORHOOD IMPACT CONCERNS.

Proponent: SOOS CREEK WATER & SEWER DISTRICT (SCWSD)

Location of proposal, including street address, if any: THE SERVICE PLANNING AREA IS COMPRISED OF ALL OR PORTIONS OF SECTIONS 20, 21, 25, 28, 29, 30, 31, 32, 33, 34, 35 AND 36 OF TOWNSHIP 23 NORTH, RANGE 5 EAST, W.M., SECTIONS 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35, AND 36 OF TOWNSHIP 22 NORTH, RANGE 5 EAST, W.M., SECTIONS 15, 16, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 32, 33, 34 AND 35 OF TOWNSHIP 22 NORTH, RANGE 6 EAST, W.M., SECTIONS 3, 4, 9, AND 10 OF TOWNSHIP 21 NORTH, RANGE 6 EAST, W.M., AND SECTIONS 3 AND 4 OF TOWNSHIP 21 NORTH, RANGE 5 EAST, W.M.

THE AMENDMENT ADDS PORTIONS OF SECTION 35, TOWNSHIP 22 NORTH, RANGE 6 EAST, W.M. AND SECTION 26, TOWNSHIP 22 NORTH, RANGE 6 EAST, W.M. WHICH WERE NOT INCLUDED IN THE 1996 SEWER COMPREHENSIVE PLAN.

Lead agency: SOOS CREEK WATER & 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.c.030(2)(c). This decision was made after review of the 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.

[\*\*] This DNS is issued under 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date below. Comments must be submitted by Nov. 12, 1998.

Responsible Official: MR. RON SPEER

Position/Title: DISTRICT MANAGER

Phone: (253) 630-9900

Address: P.O. BOX 58039  
14616 S.E. 192ND STREET  
RENTON, WASHINGTON 98058-1039

Date: OCTOBER 28, 1998

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 (name) to read or ask about the procedures for SEPA appeals.

[X] There is no agency appeal.

## ENVIRONMENTAL CHECKLIST

### *Purpose of Checklist:*

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

### *Instructions for Applicants:*

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant. Requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers to provide additional information reasonably related to determining if there may be significant adverse impact.

### *Use of Checklist for Nonproject Proposals:*

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," and "affected geographic area," respectively.

**A. BACKGROUND**

1. Name of proposed project, if applicable:

SOOS CREEK WATER & SEWER DISTRICT  
1998 SEWER COMPREHENSIVE PLAN AMENDMENT

2. Name of applicant:

SOOS CREEK WATER & SEWER DISTRICT  
MR. RON SPEER, DISTRICT MANAGER

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

SOOS CREEK WATER & SEWER DISTRICT  
14616 S.E. 192ND STREET  
P.O. Box 58039  
RENTON, WASHINGTON 98058-1039  
(253) 630-9900

4. Date checklist prepared:

OCTOBER 28, 1998

5. Agency requesting checklist:

WASHINGTON STATE BOUNDARY REVIEW BOARD FOR KING COUNTY  
WASHINGTON STATE DEPARTMENT OF HEALTH (DOH)  
WASHINGTON STATE DEPARTMENT OF ECOLOGY (DOE)  
METROPOLITAN KING COUNTY COUNCIL  
KING COUNTY DEPARTMENT OF NATURAL RESOURCES (FORMERLY METRO)  
SEATTLE-KING COUNTY HEALTH DEPARTMENT (SKCHD)  
KING COUNTY DEPARTMENT OF DEVELOPMENT & ENVIRONMENTAL SERVICES (DDES)  
CITY OF KENT  
CITY OF RENTON  
CEDAR RIVER WATER & SEWER DISTRICT  
CITY OF AUBURN  
CITY OF BLACK DIAMOND  
CITY OF MAPLE VALLEY  
CITY OF COVINGTON  
COVINGTON WATER DISTRICT  
MUCKELSHOOT INDIAN TRIBE FISHERIES DEPARTMENT

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

THE 1998 SEWER COMPREHENSIVE PLAN AMENDMENT IS EXPECTED TO BE ADOPTED BY SPRING OF 1999.

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

YES, THE 1998 SEWER COMPREHENSIVE PLAN AMENDMENT DISCUSSES ADDITIONS AND IMPROVEMENTS TO THE SYSTEM. HIGH PRIORITY IMPROVEMENTS, ETC. WILL PROBABLY OCCUR WITHIN FIVE YEARS. THERE MAY BE FUTURE ADJUSTMENTS IN THE SEWER SERVICE AREA OR UNFORESEEN ANNEXATIONS, ETC, WHICH WOULD BE REVIEWED AS THEY OCCUR.

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

PROJECTS PROPOSED IN THE AMENDMENT MAY REQUIRE, DEPENDING UPON THE SCOPE OF THE PROJECT, THEIR OWN ENVIRONMENTAL CHECKLIST AND DETERMINATION WHICH WILL BE DONE AS SPECIFIC PROJECTS OCCUR.

KING COUNTY OR THE CITIES OF KENT, RENTON, MAPLE VALLEY, COVINGTON, AUBURN AND BLACK DIAMOND (OR OTHER FUTURE CITIES) MAY HAVE SPECIFIC PLANS AS WELL AS PROJECTS WHICH MAY REQUIRE ENVIRONMENTAL ANALYSES. INFORMATION REGARDING SPECIFIC PLANS OR PROJECTS SHOULD BE LOCATED WITHIN THEIR COMPREHENSIVE PLANS AND CAPITAL IMPROVEMENT PROGRAMS (CIPS). WITH BOTH PRIVATE AND PUBLIC DEVELOPMENT, IT IS ANTICIPATED THAT SEPA DETERMINATIONS AND ANALYSES WILL OCCUR ON A PROJECT-BY-PROJECT BASIS, AS REQUIRED. ADDITIONALLY, COPIES OF ENVIRONMENTAL ANALYSIS SHOULD BE ON FILE AT THE APPROPRIATE JURISDICTION.

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.

THE PENDING LISTING OF THE CHINOOK SALMON AS AN ENDANGERED SPECIES COULD HAVE IMPACTS ON THE OPERATION AND DEVELOPMENT OF PROJECTS WITHIN THE DISTRICT BOUNDARIES.

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

THE PROJECTS OUTLINED IN THE 1998 SEWER COMPREHENSIVE PLAN AMENDMENT MAY REQUIRE APPROVAL FROM THE FOLLOWING AGENCIES:

WASHINGTON STATE BOUNDARY REVIEW BOARD FOR KING COUNTY  
WASHINGTON STATE DEPARTMENT OF HEALTH (DOH)  
WASHINGTON STATE DEPARTMENT OF ECOLOGY (DOE)  
METROPOLITAN KING COUNTY COUNCIL  
KING COUNTY DEPARTMENT OF NATURAL RESOURCES - WASTEWATER  
TREATMENT DIVISION (FORMERLY METRO)  
SEATTLE-KING COUNTY HEALTH DEPARTMENT (SKCHD)  
KING COUNTY DEPARTMENT OF DEVELOPMENT & ENVIRONMENTAL SERVICES  
(DDES)  
KING COUNTY REAL PROPERTY DIVISION  
CITY OF KENT  
CITY OF RENTON  
CEDAR RIVER WATER & SEWER DISTRICT  
COVINGTON WATER DISTRICT  
CITY OF AUBURN  
CITY OF MAPLE VALLEY  
CITY OF COVINGTON  
CITY OF BLACK DIAMOND

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.)

THIS IS AN AMENDMENT TO THE SOOS CREEK WATER & SEWER DISTRICT 1996 SEWER COMPREHENSIVE PLAN (PLAN). THIS AMENDMENT IS PREPARED IN RESPONSE TO STATE, COUNTY AND LOCAL REQUIREMENTS, AND HAS BEEN DEVELOPED PER THE GUIDELINES WITHIN KING COUNTY CODE 13.24, THE KING COUNTY COUNTYWIDE PLANNING POLICIES AND THE KING COUNTY COMPREHENSIVE PLAN, AS ADOPTED UNDER THE GROWTH MANAGEMENT ACT. THE AMENDMENT SERVES AS A GUIDE FOR THE CONTROLLED EXPANSION AND PROVISION OF THE SEWER SYSTEM FOR THE SERVICE PLANNING AREA FOR THE LIFE OF THE AMENDMENT, IN ACCORDANCE WITH LOCAL, COUNTY AND STATE REQUIREMENTS UNDER THE GROWTH MANAGEMENT ACT. THE 1996 SEWER COMPREHENSIVE PLAN EXAMINES EXISTING AND POTENTIAL SEWER SERVICE OVER AN AREA COVERING APPROXIMATELY 19,000 ACRES. THE EXISTING SEWER SYSTEM IS ANALYZED, FUTURE IMPROVEMENTS ARE RECOMMENDED AND METHODS OF FINANCING ARE INCLUDED.

SIX SPECIFIC CHANGES TO THE 1996 SEWER COMPREHENSIVE PLAN ARE ADDRESSED IN THIS AMENDMENT. THE FOLLOWING PARAGRAPHS DESCRIBE EACH OF THE SIX CHANGES.

AREA 1 - "POLYGON" ANNEXATION

THE POLYGON NORTHWEST COMPANY, UNDER KING COUNTY'S 4:1 PROGRAM, PROPOSES THE SUBJECT AREA FOR RESIDENTIAL DEVELOPMENT. THE AREA IS LOCATED OUTSIDE, BUT ADJACENT TO, THE DISTRICT'S PRESENT BOUNDARY IN THE SOUTHWEST CORNER OF THE DISTRICT. THE DEVELOPMENT IS ENVISIONED TO COMPRISE 162 ACRES WITH 575 NEW HOMES TO BE BUILT.

AREA 2 - TAHOMA SCHOOL

THE TAHOMA SCHOOL DISTRICT PROPOSES A NEW 9TH GRADE SCHOOL TO BE LOCATED IMMEDIATELY NORTH OF AREA 1 - THE "POLYGON" ANNEXATION. AREA 2 WILL NOT BE ANNEXED TO THE DISTRICT SINCE A SCHOOL DISTRICT CAN LEGALLY BE SERVED OUTSIDE OF THE DISTRICT'S CORPORATE AND FRANCHISE BOUNDARIES.

AREA 3 - WITTE ROAD INTERCEPTOR REVISIONS

THE PROPOSED METHOD FOR REMOVING THE DISTRICT'S LIFT STATION 15 FROM SERVICE AND DIVERTING FLOW TO NEW LS 15B HAS CHANGED SOMEWHAT FROM THE PLAN ALTHOUGH THE GENERAL LOCATION OF THE REQUIRED PIPE ROUTE REMAINS ESSENTIALLY THE SAME AS ONE OF THE ALTERNATIVES IDENTIFIED IN THAT DOCUMENT.

AREA 4 - "AUBURN" SERVICE AREA

THIS AREA LIES IN THE EXTREME SOUTH AND WEST OF THE DISTRICT AND IS PRESENTLY WITHOUT SEWER SERVICE. SINCE THE COMPLETION OF THE PLAN, CONCEPTS FOR FUTURE SERVICE IN THIS AREA HAVE BEEN FURTHER DEVELOPED AS THE RESULT OF INQUIRIES FOR SEWER SERVICE FOR POSSIBLE DEVELOPMENTS.

AREA 5 - COUNTRY CLUB NO. 1 OFFSITE

AREA 5 IS LOCATED INSIDE THE DISTRICT'S BOUNDARIES ALONG SE 240TH STREET IN THE VICINITY OF 140TH AVENUE SE. THIS IS A "TECHNICAL" ADJUSTMENT TO THE PLAN'S ORIGINAL CONCEPT FOR THE DIRECTION OF GRAVITY SEWER SERVICE AT THIS LOCATION.

AREA 6 - FAIRWOOD ESTATES

THIS AREA IS INSIDE THE DISTRICT ALONG 140TH AVENUE SE AT THE EQUIVALENT OF APPROXIMATELY SE 186TH STREET. THIS IS ANOTHER "TECHNICAL" MODIFICATION TO THE CONCEPT ORIGINALLY SHOWN IN THE PLAN RELATING TO A DRAINAGE BASIN BOUNDARY ADJUSTMENT.



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 applications related to this checklist.

Location of proposal, including street address, if any:

THE SERVICE PLANNING AREA IS COMPRISED OF ALL OR PORTIONS OF SECTIONS 20, 21, 25, 28, 29, 30, 31, 32, 33, 34, 35 AND 36 OF TOWNSHIP 23 NORTH, RANGE 5 EAST, W.M., SECTIONS 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35, AND 36 OF TOWNSHIP 22 NORTH, RANGE 5 EAST, W.M., SECTIONS 15, 16, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 32, 33, 34 AND 35 OF TOWNSHIP 22 NORTH, RANGE 6 EAST, W.M., SECTIONS 3, 4, 9, AND 10 OF TOWNSHIP 21, RANGE 6, W.M., AND SECTIONS 3 AND 4 OF TOWNSHIP 21 NORTH, RANGE 5 EAST, W.M., AND IS SITUATED ON THE SOOS CREEK PLATEAU CONTIGUOUS WITH THE CITIES OF KENT, RENTON, BLACK DIAMOND, AUBURN, COVINGTON AND MAPLE VALLEY. THE TOPOGRAPHY RANGES IN ELEVATION FROM APPROXIMATELY 700 FEET IN THE NORTHEASTERN PORTION OF THE DISTRICT NEAR LAKE DESIRE TO APPROXIMATELY 25 FEET ALONG THE WESTERN BOUNDARY NEAR STATE ROUTE 167.

TO BE COMPLETED BY APPLICANT

**B. ENVIRONMENTAL ELEMENTS**

**1. EARTH**

- a. General description of the site (circle one): Flat, rolling, (hilly), steep slopes, mountainous, other (\_\_\_\_\_).
- b. What is the steepest slope on the site (approximate percent slope)?

ACTUAL LAND SLOPES VARY. THE VAST MAJORITY OF THE SERVICE AREA HAS SLOPES BETWEEN 0 TO 15%. ALONG STATE ROUTE 167 AND SOME OF THE CREEKS, SLOPES MAY EXCEED 50%, HOWEVER, THE MAJORITY OF THESE AREAS HAVE SLOPES WHICH DO NOT EXCEED 15 TO 30%.

- 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.

ALDERWOOD GRAVELLY SANDY LOAM (AGB, C AND D)  
EVERETT GRAVELLY SANDY LOAM (EVB, C AND D)  
ALDERWOOD AND KITSAP SOILS (AKF)  
ARENTS, ALDERWOOD MATERIAL (AMB AND C)  
TOGETHER WITH A FEW SPOTS OF:  
BELLINGHAM SILT LOAM (BH)  
INDENOLA LOAMY (INC)  
KITSAP LOAM (KPB)  
MIXED ALLUVIAL LAIRD (MA)  
NORMA SANDY LOAM (NO)  
SEATTLE MUCK (SK)  
SNOHOMISH SILT LOAM (SO)  
URBAN LAND (UR) AND  
TUKWILLA MUCK (TU)  
NEILTON GRAVELLY LOAMY SAND (NEC)  
ORCAS PEAT (OR)

IN SUMMARY, THE MAJORITY OF SOILS WITHIN THE SERVICE PLANNING AREA ARE RELATED TO THE LAST GLACIATION (ALDERWOOD AND EVERETT, ETC). ALONG STREAM COURSES AND NEAR SOME LAKES THE SOILS ARE POST-GLACIAL, INCLUDING ALLUVIAL AND ORGANIC TYPE.

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

ACCORDING TO THE KING COUNTY SENSITIVE AREAS MAP FOLIO (DECEMBER 1990), THERE ARE SEISMIC HAZARD AREAS ALONG SOOS CREEK, WHICH FLOWS NORTHERLY AND SOUTHERLY THROUGH THE DISTRICT'S SERVICE PLANNING AREA. ALSO, ADJACENT TO THE DISTRICT BOUNDARY IN THE MAPLE VALLEY AREA THERE ARE SEISMIC HAZARD AREAS ALONG THE CEDAR RIVER. THE MAP FOLIO INDICATES THAT WITHIN THE VICINITY OF SOOS CREEK THERE ARE THREE LANDSLIDE HAZARD AREAS, AS WELL AS AN LANDSLIDE HAZARD AREA JUST EAST OF LAKE DESIRE. ADDITIONALLY THERE ARE LANDSLIDE AREAS ALONG THE NORTHWEST BOUNDARY BETWEEN RENTON AND SOOS CREEK AS WELL AS A FEW MILES SOUTHEAST OF LAKE MERIDIAN AND SR18. NORTHWESTERLY OF LAKE DESIRE AND SOUTHEASTERLY OF LAKE SAWYER ARE NOTED AREAS OF COAL MINE HAZARD AREAS AS WELL AS ADJACENT OTHER LOCATIONS, PER THE MAP FOLIO. THERE ARE ALSO EROSION HAZARD AREAS WITHIN THE DISTRICT'S SERVICE PLANNING AREA MANY OF WHICH ARE NEAR THE BIG SOOS CREEK. ALL OF THE ABOVE WOULD BE ADDRESSED DURING DESIGN OF AFFECTED PROJECTS AND REQUIRED SEPA CHECKLISTS AND DETERMINATION STUDIES.

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

DOES NOT APPLY. HOWEVER, EXCAVATION WILL BE REQUIRED FOR INSTALLATION OF SEWER MAINS ON INDIVIDUAL PROJECTS. TYPICALLY THE DEPTH OF TRENCH EXCAVATION FOR MAINS IS ANTICIPATED TO BE 8 TO 15 FEET WITH A SMALL PROPORTION OF SEWER BEING UP TO 40 FEET DEEP.

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

DOES NOT APPLY. HOWEVER, SLIGHT EROSION COULD OCCUR AS A RESULT OF TRENCHING ACTIVITIES FROM INDIVIDUAL PROJECTS. EROSION CONTROL MEASURES WILL BE USED IN AREAS OF POTENTIAL EROSION.

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

DOES NOT APPLY. HOWEVER, NO SIGNIFICANT ADDITIONAL IMPERVIOUS SURFACES WILL RESULT FROM INDIVIDUAL PROJECTS. PROPOSED BUILDINGS FOR LIFT STATIONS, ETC. WILL CONFORM TO THE KING COUNTY REGULATIONS GOVERNING IMPERVIOUS SURFACE AREA PERCENTAGE.

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

DOES NOT APPLY. HOWEVER, AN EROSION AND SEDIMENTATION CONTROL PLAN WOULD BE PREPARED FOR INDIVIDUAL PROJECTS AND TYPICALLY INCLUDES THE FOLLOWING MITIGATING MEASURES:

- KEEPING A MINIMUM LENGTH TRENCH OPENED
- USING TRENCHLESS INSTALLATION METHODS WHEREVER PRACTICAL
- USING METHODS OF CONSTRUCTION THAT MINIMIZE TOTAL AREA AND TIME REQUIRED FOR CONSTRUCTION
- FILTER FABRIC SILTATION BARRIER FENCING
- BACKFILL IMMEDIATELY AND BEGIN LANDSCAPING OR ROAD PATCHING AS NECESSARY TO LIMIT AMOUNT OF TIME SOILS ARE EXPOSED

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.

DOES NOT APPLY. HOWEVER, DUST AND STANDARD EMISSIONS FROM CONSTRUCTION EQUIPMENT COULD OCCUR FROM INDIVIDUAL PROJECTS.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

NO

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

DOES NOT APPLY. HOWEVER, STANDARD EMISSION CONTROLS FOR CONSTRUCTION EQUIPMENT WILL BE UTILIZED DURING CONSTRUCTION OF INDIVIDUAL PROJECTS.

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.

ACCORDING TO THE KING COUNTY SENSITIVE AREAS MAP FOLIO (DECEMBER 1990) AND INVENTORY, AS WELL AS OTHER DOCUMENTS, THERE ARE SEVERAL STREAMS, LAKES, PONDS AND WETLANDS (OF VARIOUS CLASSIFICATIONS) WITHIN THE SERVICE PLANNING AREAS. THERE ARE SEVERAL STREAMS WHICH GENERALLY FLOW IN NORTHERLY AND SOUTHERLY DIRECTIONS THROUGH THE DISTRICT, INCLUDING BIG SOOS CREEK AND LITTLE SOOS CREEK, WHICH ARE BOTH CLASS 2 (WITH SALMONIDS) STREAMS. MAJOR WATER BODIES ADJACENT TO OR IN THE DISTRICT INCLUDE LAKE YOUNGS, PANTHER LAKE, LAKE DESIRE, HAM LAKE, LAKE MERIDIAN, PIPE LAKE, LAKE WILDERNESS, LAKE SAWYER, CLARK LAKE, AND LAKE LUCERNE, TOGETHER WITH THEIR TRIBUTARIES.

THE MAJORITY OF THE WETLANDS WITHIN THE SERVICE PLANNING AREA ARE WITHIN THE GREEN RIVER BASIN AND INCLUDE THE SOOS CREEK, BLACK RIVER, JENKINS CREEK, AND COVINGTON CREEK SUBBASINS. ADDITIONAL WETLANDS ARE WITHIN THE LOWER CEDAR RIVER SUBBASIN, WHICH IS PART OF THE CEDAR RIVER BASIN. THE WETLANDS LISTED ARE FOR THE ENTIRE SERVICE AREA EVEN THOUGH THIS AMENDMENT IS FOR SIX SPECIFIC SMALLER SERVICE AREAS.

SOOS CREEK WETLAND NO. 1 IS A CLASS 2 PALUSTRINE EMERGENT NARROW-LEAVED PERSISTENT (CATTAIL) OR SHALLOW MARSH WETLAND.

SOOS CREEK WETLAND NO. 2 IS QUITE LARGE AND ENCOMPASSES PORTIONS OF BIG SOOS CREEK. IT IS A CLASS 1C WITH SEVERAL CLASSIFICATIONS AND HABITATS WITHIN IT AND INCLUDES THE FOLLOWING: PALUSTRINE EMERGENT WETLAND, SCRUB/SHRUB 1 & 2, FORESTED WETLAND, AND OPEN WATER WETLAND TYPES. THE KING COUNTY WETLANDS INVENTORY (INVENTORY) INDICATES THAT IT HAS GREAT BLUE HERONS, WHICH ARE ON THE STATE MONITORED LIST.

SOOS CREEK WETLAND NO. 4 IS A CLASS 2 PALUSTRINE SCRUB-SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK) WETLAND.

SOOS CREEK WETLAND NO. 5 IS A CLASS 2 PALUSTRINE EMERGENT NARROW-LEAVED PERSISTENT (FOXTAIL/CATTAIL/JUNCUS EFFUSUS) OR MEADOW WETLAND. THE INVENTORY STATES THAT THE WETLAND HAS A RED-TAILED HAWK. WHILE NOT A SPECIES OF CONCERN NOR A MONITORED SPECIES, THE KING COUNTY COMPREHENSIVE PLAN 1994'S TECHNICAL APPENDIX C INDICATES THAT THE STATE CONSIDERS SITES WHICH THE SPECIES MAY USE - IN URBAN AND EMERGING URBAN - TO BE A PRIORITY AREA.

SOOS CREEK WETLAND NO. 6 & 7 ARE CLASS 3 PALUSTRINE OPEN WATER WETLANDS.

SOOS CREEK WETLAND NO. 8 ENCOMPASSES PORTIONS OF BIG SOOS CREEK AND IS A CLASS 2 PALUSTRINE OPEN WATER AND FORESTED BROAD-LEAVED DECIDUOUS WETLAND. THE INVENTORY ALSO INDICATES THAT THE WETLAND HAS GREAT BLUE HERONS AND GREEN-BACKED HERONS, BOTH ARE STATE MONITORED SPECIES.

SOOS CREEK WETLAND NO. 9 IS ABOUT 82 ACRES IN SIZE AND ENCOMPASSES PORTIONS OF BIG SOOS CREEK. IT IS A CLASS 2 PALUSTRINE SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (WILLOW/HARDHACK), FORESTED NEEDLE-LEAVED EVERGREEN (HEMLOCK/WESTERN RED CEDAR) AND EMERGENT NARROW-LEAVED PERSISTENT (JUNCUS EFFUSUS) WETLAND. IT TOO HAS GREEN-BACKED HERONS WHICH USE THE SITE AND ARE A STATE MONITORED SPECIES.

SOOS CREEK WETLAND NO. 12 IS A CLASS 2 PALUSTRINE OPEN WATER WETLAND.

SOOS CREEK WETLAND NO. 15 IS ALSO A CLASS 2 PALUSTRINE AQUATIC BED FLOATING-LEAVED (POND WEED) AND EMERGENT NARROW-LEAVED PERSISTENT (CATTAIL) OR DEEP MARSH WETLAND.

SOOS CREEK WETLAND NO. 16 IS ABOUT 150 ACRES IN SIZE AND ENCOMPASSES PORTIONS OF BIG SOOS CREEK. IT IS A CLASS 2 PALUSTRINE SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (WILLOW), FORESTED NEEDLE-LEAVED EVERGREEN (HEMLOCK/WESTERN RED CEDAR) AND EMERGENT NARROW-LEAVED PERSISTENT (JUNCUS EFFUSUS/SCRIPUS MICROPARPUS) WETLAND.

SOOS CREEK WETLAND NO. 17 IS ABOUT 12 ACRES IN SIZE. IT IS BOTH AN CLASS 2 PALUSTRINE EMERGENT NARROW-LEAVED PERSISTENT (JUNCUS EFFUSUS) OR MEADOW WETLAND AND SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK) WETLAND.

SOOS CREEK WETLAND NO. 20 IS ABOUT 32 ACRES IN SIZE. IT IS BOTH AN CLASS 2 PALUSTRINE SCRUB/SCRUB BROAD-LEAVED DECIDUOUS (HARDHACK/WILD CRABAPPLE) AND FORESTED BROAD-LEAVED DECIDUOUS (OREGON ASH) WETLAND. THE SITE IS USED BY GREAT BLUE HERONS.

SOOS CREEK WETLAND NO. 25 IS A CLASS 3 PALUSTRINE OPEN WATER WETLAND.

SOOS CREEK WETLAND NO. 26 IS BOTH A CLASS 2 PALUSTRINE AQUATIC BED FLOATING-LEAVED (YELLOW POND WEED) AND UNCONSOLIDATED BOTTOM MUD WETLAND. THE SITE IS USED BY GREAT BLUE HERONS.

SOOS CREEK WETLAND NO. 30 IS ABOUT 185 ACRES IN SIZE AND ENCOMPASSES PORTIONS OF BIG SOOS CREEK. IT IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS (RED ALDER/BLACK COTTONWOOD), EMERGENT NARROW-LEAVED PERSISTENT (JUNCUS EFFUSUS/SCIRPUS MICROCARPUS) AND EMERGENT NARROW-LEAVED PERSISTENT (CATTAIL) WETLAND.

SOOS CREEK WETLAND NO. 33 IS ABOUT 46 ACRES AND IS A CLASS 1 PALUSTRINE EMERGENT, SCRUB-SHRUB DECIDUOUS, FORESTED DECIDUOUS AND OPEN WATER WETLAND.

SOOS CREEK WETLAND NO. 39 IS A CLASS 3 PALUSTRINE OPEN WATER WETLAND.

SOOS CREEK WETLAND NO. 41 LAYS WITHIN THE SOOS CREEK SEWER PLANNING AREA AND IS ABOUT 6 ACRES AND IS A CLASS 2 PALUSTRINE EMERGENT PERSISTENT WETLAND.

SOOS CREEK WETLAND NO. 45 (LAKE MERIDIAN) IS ABOUT 130 ACRES AND IS A CLASS 2 LACUSTRINE LIMNETIC OPEN WATER WETLAND.

SOOS CREEK WETLAND NO. 48 IS A CLASS 2 PALUSTRINE OPEN WATER WETLAND.

SOOS CREEK WETLAND NO. 52 LAYS PARTIALLY WITHIN THE SOOS CREEK SEWER PLANNING AREA AND IS A CLASS 2 PALUSTRINE UNCONSOLIDATED BOTTOM MUD AND SCRUB-SHRUB BROAD-LEAVED DECIDUOUS WETLAND.

SOOS CREEK WETLAND NO. 53 IS ABOUT 6 ACRES AND IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS AND EMERGENT NARROW-LEAVED PERSISTENT WETLAND.

SOOS CREEK WETLAND NO. 54 LAYS WITHIN THE SOOS CREEK SEWER PLANNING AREA AND IS A CLASS 2 PALUSTRINE UNCONSOLIDATED BOTTOM MUD WETLAND.

SOOS CREEK WETLAND NO. 55 LAYS WITHIN THE SOOS CREEK SEWER PLANNING AREA AND IS A CLASS 3 PALUSTRINE OPEN WATER WETLAND.

SOOS CREEK WETLAND No. 68 IS ABOUT 10 ACRES AND LAYS WITHIN THE SOOS CREEK SEWER PLANNING AREA. IT IS A CLASS 2 PALUSTRINE FORESTED NEEDLE-LEAVED EVERGREEN AND FORESTED DEAD WETLAND.

SOOS CREEK WETLAND No. 75 IS BOTH AN CLASS 2 PALUSTRINE SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK/RED OSIER DOGWOOD) AND FORESTED BROAD-LEAVED DECIDUOUS (BLACK COTTONWOOD/RED ALDER) WETLAND.

SOOS CREEK WETLAND No. 76 IS A CLASS 2 PALUSTRINE SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK) WETLAND.

SOOS CREEK WETLAND No. 77 IS ABOUT 62 ACRES AND ENCOMPASSES PORTIONS OF THE SOOS CREEK SEWER PLANNING AREA. IT IS A CLASS 2 PALUSTRINE EMERGENT PERSISTENT, EMERGENT NARROW-LEAVED PERSISTENT, SCRUB-SHRUB DECIDUOUS AND FORESTED BROAD-LEAVED WETLAND.

SOOS CREEK WETLAND No. 84 IS ABOUT 7 ACRES AND IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS, FORESTED NEEDLE-LEAVED AND SCRUB-SHRUB BROAD-LEAVED DECIDUOUS WETLAND.

SOOS CREEK WETLAND No. 98 IS WITHIN THE SOOS CREEK SEWER PLANNING AREA AND IS A CLASS 2 PALUSTRINE OPEN WATER WETLAND.

SOOS CREEK WETLAND No. 99 LAY WITHIN THE SOOS CREEK SEWER PLANNING AREA AND IS A CLASS 3 PALUSTRINE OPEN WATER WETLAND.

SOOS CREEK WETLAND No. 104 IS A CLASS 2 PALUSTRINE FORESTED DECIDUOUS (ALDER) WETLAND. THE INVENTORY NOTES THAT BAND-TAILED PIGEONS, WHICH IS A STATE SPECIES OF CONCERN, HAVE BEEN NOTED ON THE SITE.

BLACK RIVER WETLAND No. 6, OTHERWISE KNOWN AS PANTHER LAKE, IS SURROUNDED BY RESIDENTIAL DEVELOPMENT AND THE LAKE APPEARS TO BE FAIRLY UNAFFECTED BY DEVELOPMENT, EXCEPT FOR LITTER. THE WETLAND IS BOTH AN CLASS 1C PALUSTRINE SCRUB-SCRUB BROAD-LEAVED DECIDUOUS (HARDHACK) AND LACUSTRINE LITTORAL AQUATIC BED FLOATING-LEAVED (WATER SHIELD/WHITE POND LILY) WETLAND. THE SITE IS USED BY GREAT BLUE HERONS (A STATE MONITORED SPECIES).

BLACK RIVER No. 20 IS BOTH A CLASS 2 PALUSTRINE SCRUB/SCRUB BROAD-LEAVED DECIDUOUS (HARDHACK/RED OSIER DOGWOOD) AND FORESTED BROAD-LEAVED DECIDUOUS (BLACK COTTONWOOD/RED ALDER) WETLAND.



BLACK RIVER WETLAND NO. 21 IS A CLASS 2 PALUSTRINE EMERGENT PERSISTENT (JUNCUS EFFUSUS) OR WET MEADOW WETLAND.

LOWER CEDAR RIVER WETLAND NO. 2 IS ABOUT 37 ACRES AND IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS, SCRUB-SHRUB BROAD-LEAVED AND FORESTED NEEDLE-LEAVED EVERGREEN WETLAND.

LOWER CEDAR RIVER WETLAND NO. 15 IS ABOUT 17 ACRES AND PARTIALLY LAYS WITHIN THE DISTRICT NORTH OF LAKE DESIRE. IT IS A CLASS 1 PALUSTRINE FORESTED NEEDLE-LEAVED EVERGREEN, SCRUB-SHRUB BROAD-LEAVED EVERGREEN AND SCRUB-SHRUB BROAD-LEAVED DECIDUOUS WETLAND.

LOWER CEDAR RIVER WETLAND NO. 16 IS ABOUT 14 ACRES AND ALSO LAYS PARTIALLY WITHIN THE DISTRICT. IT IS A CLASS 1 PALUSTRINE SCRUB-SHRUB BROAD-LEAVED EVERGREEN, EMERGENT NARROW-LEAVED PERSISTENT, EMERGENT BROAD-LEAVED NONPERSISTENT AND AQUATIC BED FLOATING-LEAVED WETLAND.

LOWER CEDAR RIVER WETLAND NO. 18 IS A CLASS 2 PALUSTRINE FORESTED DECIDUOUS (ALDER) WETLAND.

LOWER CEDAR RIVER WETLAND NO. 20 IS A CLASS 2 PALUSTRINE SCRUB/SCRUB BROAD-LEAVED DECIDUOUS (WILLOW) WETLAND.

LOWER CEDAR RIVER WETLAND NO. 22 IS A CLASS 1D PALUSTRINE SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK), SCRUB/SHRUB BROAD-LEAVED EVERGREEN (LABRADOR TEA) AND UNCONSOLIDATED BOTTOM MUD WETLAND, OTHERWISE KNOWN AS A BOG AND OPEN WATER WETLAND. ACCORDING TO THE KING COUNTY INVENTORY, THE SITE IS USED BY GREAT BLUE HERONS.

THE LOWER CEDAR RIVER WETLAND NO. 23 IS A CLASS 1D PALUSTRINE SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK), SCRUB/SHRUB BROAD-LEAVED EVERGREEN (LABRADOR TEA), FORESTED BROAD-LEAVED DECIDUOUS (OREGON ASH) AND FORESTED NEEDLE-LEAVED EVERGREEN (HEMLOCK) WETLAND. THE INVENTORY INDICATES THAT THE RED-TAILED HAWK MAY USE THIS SITE. WHILE NOT A SPECIES OF CONCERN, NOR A MONITORED SPECIES, THE KING COUNTY COMPREHENSIVE PLAN 1994'S TECHNICAL APPENDIX C INDICATES THAT THE STATE CONSIDERS SITES WHICH THE SPECIES MAY USE - IN URBAN AND EMERGING URBAN - TO BE A PRIORITY AREA.

LOWER CEDAR RIVER WETLAND NO. 25 IS A CLASS 1D PALUSTRINE SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK) AND

SCRUB/SHRUB BROAD-LEAVED EVERGREEN (LABRADOR TEA) WETLAND. THE INVENTORY INDICATES THAT THE RED-TAILED HAWK MAY USE THIS SITE. WHILE NOT A SPECIES OF CONCERN, NOR A MONITORED SPECIES, THE KING COUNTY COMPREHENSIVE PLAN 1994'S TECHNICAL APPENDIX C INDICATES THAT THE STATE CONSIDERS SITES WHICH THE SPECIES MAY USE - IN URBAN AND EMERGING URBAN - TO BE A PRIORITY AREA.

LOWER CEDAR RIVER WETLAND NO. 63 IS A CLASS 3 PALUSTRINE SCRUB/SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK) WETLAND.

LOWER CEDAR RIVER WETLAND NO. 75 IS A CLASS 3 PALUSTRINE UNCONSOLIDATED BOTTOM MUD WETLAND.

LOWER CEDAR RIVER WETLAND NO. 76 IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS WETLAND.

LOWER CEDAR RIVER WETLAND NO. 79 IS A CLASS 3 PALUSTRINE UNCONSOLIDATED BOTTOM COBBLE/GRAVEL WETLAND.

COVINGTON CREEK WETLAND NO. 3 IS A CLASS 2 PALUSTRINE AQUATIC BED FLOATING-LEAVED (YELLOW POND LILY), AQUATIC BED SUBMURGENT VASCULAR, AQUATIC BED SUBMURGENT AND EMERGENT NARROW-LEAVED PERSISTENT WETLAND. THE SITE IS USED BY GREAT BLUE HERONS (A STATE MONITORED SPECIES).

COVINGTON CREEK WETLAND NO. 22 IS ABOUT 15 ACRES AND IS A CLASS 1(B/C) PALUSTRINE EMERGENT NARROW-LEAVED (CATTAIL), AQUATIC BED FLOATING-LEAVED (YELLOW POND LILY), UNCONSOLIDATED BOTTOM MUD AND SCRUB-SHRUB BROAD-LEAVED DECIDUOUS (WILLOW) WETLAND. IT IS A SITE OF GREAT BLUE HERONS AND IS A STATE MONITORED SPECIES.

JENKINS CREEK WETLANDS NO. 15 LAYS OUTSIDE THE SOOS CREEK PLANNING AREA BUT INSIDE IT'S CORPORATE BOUNDARY AND IS ABOUT 29 ACRES. IT IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS (ALDER/VINE MAPLE) WETLAND.

JENKINS CREEK WETLAND NO. 16 IS ALSO OUTSIDE THE SOOS CREEK PLANNING AREA NUT INSIDE THE CORPORATE BOUNDARY. IT IS ABOUT 6 ACRES AND IS A CLASS 2 PALUSTRINE EMERGENT NARROW-LEAVED PERSISTENT (JUNCUS EFFUSUS/FOXTAIL GRASS) AND FORESTED BROAD-LEAVED DECIDUOUS WETLAND.

JENKINS CREEK WETLAND NO. 17 IS ABOUT 18 ACRES AND IS A CLASS 1D PALUSTRINE SCRUB-SHRUB BROAD-LEAVED DECIDUOUS (HARDHACK), FORESTED DEAD AND EMERGENT NARROW-LEAVED PERSISTENT

(CATTAIL) WETLAND. THE SITE IS USED BY GREAT BLUE HERONS (A STATE MONITORED SPECIES).

JENKINS CREEK WETLAND NO. 19 IS ABOUT 10 ACRES AND IS A CLASS 2 PALUSTRINE EMERGENT NARROW-LEAVED PERSISTENT WETLAND.

JENKINS CREEK WETLAND NO. 20 IS ABOUT 6 ACRES AND IS A CLASS 2 PALUSTRINE EMERGENT NARROW-LEAVED (SEDGE) WETLAND.

JENKINS CREEK WETLAND NO. 21 (LAKE LUCERNE) IS ABOUT 17 ACRES AND IS A CLASS 1A LACUSTRINE LIMNETIC OPEN WATER WETLAND. THE SITE IS USED BY GREAT BLUE HERONS (A STATE MONITORED SPECIES).

JENKINS CREEK WETLAND NO. 22 (PIPE LAKE) IS ABOUT 51 ACRES AND IS A CLASS 2 LACUSTRINE LIMNETIC OPEN WATER WETLAND.

JENKINS CREEK WETLAND NO. 23 IS A CLASS 2 PALUSTRINE AQUATIC BED SUBMERGENT VASCULAR (WATER MILFOIL) AND FORESTED BROAD-LEAVED DECIDUOUS (COTTONWOOD) WETLAND. THE SITE IS USED BY GREEN-BACKED HERONS (A STATE MONITORED SPECIES).

JENKINS CREEK WETLAND NO. 24 IS OUTSIDE THE SOOS CREEK PLANNING AREA AND URBAN GROWTH BOUNDARY OF KING COUNTY BUT INSIDE THE SOOS CREEK CORPORATE BOUNDARY. IT IS A CLASS 3 PALUSTRINE OPEN WATER WETLAND.

JENKINS CREEK WETLAND NO. 25 ENCROACHES ON THE SOOS CREEK PLANNING BOUNDARY AND IS 65 ACRES. IT IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS (RED ALDER) AND FORESTED NEEDLE-LEAVED EVERGREEN (HEMLOCK) WETLAND.

JENKINS CREEK WETLAND NO. 28 IS ABOUT 31 ACRES AND IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS (RED ALDER), FORESTED NEEDLE-LEAVED EVERGREEN (WESTERN RED CEDER), SCRUB-SHRUB BROAD-LEAVED DECIDUOUS (WILLOW/HARDHACK) AND EMERGENT NARROW-LEAVED PERSISTENT (SEDGES) WETLAND.

JENKINS CREEK WETLAND NO. 53 IS ABOUT 6.5 ACRES AND IS A CLASS 1D PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS (WILLOW), FORESTED NEEDLE-LEAVED EVERGREEN AND SCRUB-SHRUB BROAD-LEAVED EVERGREEN WETLAND.

JENKINS CREEK WETLAND NO. 54 (LAKE WILDERNESS) IS ABOUT 65 ACRES AND IS A CLASS 2 LACUSTRINE LIMNETIC OPEN WATER WETLAND.

JENKINS CREEK WETLAND NO. 55 IS A CLASS 2 PALUSTRINE SCRUB-SHRUB BROAD-LEAVED DECIDUOUS WETLAND.

JENKINS CREEK WETLAND NO. 56 TRAVERSES BOTH THE SOOS CREEK PLANNING AREA AND CORPORATE BOUNDARIES. IT IS ABOUT 44 ACRES AND IS A CLASS 2 PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS WETLAND. THE SITE IS USED BY GREAT BLUE HERONS (A STATE MONITORED SPECIES).

JENKINS CREEK WETLAND NO. 72 IS ABOUT 6 ACRES AND IS A CLASS 2 PALUSTRINE SCRUB-SHRUB DECIDUOUS AND OPEN WATER WETLAND.

JENKINS CREEK WETLAND NO. 73 IS A CLASS 2 PALUSTRINE OPEN WATER WETLAND.

JENKINS CREEK WETLAND NO. 83 ENCROACHES ON THE SOOS CREEK CORPORATE BOUNDARY AND IS INSIDE THE PLANNING AREA. IT IS ABOUT 26 ACRES AND IS A CLASS 2 PALUSTRINE FORESTED DECIDUOUS WETLAND.

ADDITIONALLY, SEVEN SMALL WETLANDS ARE INCLUDED WITHIN THE BOUNDARIES OF THE PORTION OF SECTION 35, TOWNSHIP 22 NORTH, RANGE 6 EAST, W.M. TO BE ADDED TO THE SEWER SERVICE AREA. AN ANALYSIS BY HABITAT TECHNOLOGIES, INC. FOR POLYGON NORTHWEST COMPANY DESCRIBES THESE SEVEN WETLANDS AS FOLLOWS:

DESCRIPTOR	ON-SITE AREA
WETLAND "A"	9,984 SF
WETLAND "B"	22,024 SF
WETLAND "C" BUFFER	5,133 SF
WETLAND "D1"	10,339 SF
WETLAND "D2"	10,515 SF
WETLANDS/STREAM "E" & "F"	50,655 SF

THE TOTAL AREA OF THESE SEVEN ADDED WETLANDS IS APPROXIMATELY 2.5 ACRES. THESE WETLANDS ARE DESCRIBED IN MORE DETAIL IN THE HABITAT TECHNOLOGIES, INC. REPORT REFERENCED IN THE POLYGON NORTHWEST COMPANY ENVIRONMENTAL CHECKLIST DATED APRIL 20, 1998, INCORPORATED HEREIN BY REFERENCE.

FOR THE TAHOMA SCHOOL DISTRICT PROJECT, A TIGHTLINE SEWER FORCE MAIN WILL BE ATTACHED TO THE EXISTING BRIDGE ACROSS ROCK CREEK, A CLASS 2 STREAM (WITH SALMONIDS). THE MITIGATED DETERMINATION OF NONSIGNIFICANCE (MDNS) ISSUED FOR THE TAHOMA SCHOOL DISTRICT NO. 409 NEW NINTH GRADE SCHOOL, ISSUED AND PUBLISHED JULY 30, 1998, IS INCORPORATED HEREIN BY REFERENCE . THIS MDNS EXPLAINS

THE PROPOSED SCHOOL PROJECT AND ASSOCIATED IMPACTS AND MITIGATION IN DETAIL.

- 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.

THE 1998 SEWER COMPREHENSIVE PLAN AMENDMENT DOES NOT REQUIRE ANY WORK NEAR THE DESCRIBED WATERS; HOWEVER, ADOPTION OF THE AMENDMENT WILL LEAD TO THE EVENTUAL DESIGN AND CONSTRUCTION OF AN APPROPRIATE SEWER SYSTEM TO PROTECT THE HEALTH AND WELFARE OF THE RESIDENTS IN THE AREA, PER FEDERAL, STATE AND LOCAL REQUIREMENTS. INDIVIDUAL PROJECTS MAY REQUIRE WORK WITHIN THE AREAS OF CONCERN AND WILL REQUIRE THEIR OWN ENVIRONMENTAL EVALUATION.

- 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.

DOES NOT APPLY. HOWEVER, INDIVIDUAL PROJECTS MAY REQUIRE SOME AMOUNTS OF FILL OR DREDGING FOR THE SEWER SYSTEM IMPROVEMENTS. ANY UNSUITABLE MATERIALS WILL BE REMOVED AND REPLACED WITH GRANULAR MATERIALS FROM A COMMERCIAL GRAVEL PIT.

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

NO.

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

YES, SOME PORTIONS OF THE SERVICE PLANNING AREA WHICH ARE ADJACENT TO BIG SOOS CREEK AND LITTLE SOOS CREEK ARE WITHIN THE 100-YEAR FLOODPLAIN.

- 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.

No.

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.

NO.

- 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.). 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.

NO WASTE MATERIALS WILL BE DISCHARGED INTO THE GROUND AS A RESULT OF THIS AMENDMENT.

c. Water Runoff (including storm water):

- 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.

DOES NOT APPLY.

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

DOES NOT APPLY

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

DOES NOT APPLY.

4. PLANTS

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

- X deciduous tree: (alder), (maple), (aspen), (ash), (willows), (hardhack), (hemlock), (cottonwood)  
X evergreen tree: (fir), (cedar), pine, other: (spruce), (rushes)

- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: (cattail), buttercup, (bulrush), (skunk cabbage),  
other: (pond weed)
- water plants: (water lily), eelgrass, (milfoil), other: (rushes)
- other types of vegetation

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

DOES NOT APPLY. HOWEVER, INDIVIDUAL PROJECTS WILL GENERALLY ADDRESS AREAS AFFECTED BY CONSTRUCTION WHICH, AS MITIGATION, WOULD BE RESTORED TO THEIR ORIGINAL CONDITIONS BASED ON PRECONSTRUCTION PHOTOGRAPHS OF THE SITE.

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

NONE KNOWN.

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

DOES NOT APPLY. HOWEVER, INDIVIDUAL PROJECTS WILL GENERALLY ADDRESS AREAS AFFECTED BY CONSTRUCTION WHICH, AS MITIGATION, WOULD BE RESTORED TO THEIR ORIGINAL CONDITIONS BASED ON PRECONSTRUCTION PHOTOGRAPHS OF THE SITE.

## 5. ANIMALS

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

birds: (hawk), (heron), (eagle), (songbirds), (mallards), (robin), (swallow), (coot), (grebe), (sparrow), (thrush), (yellow throat), (blackbird), (pigeon)

mammals: (deer), (bear), (elk), (beaver), (squirrels), (mice), (rabbits), (mink), (black boar), (muskrat), (raccoon), (weasel), (western jumping mouse), (bobcat), (coyote)

fish: (bass), (salmon), (trout), herring, shellfish, other (minnow)

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

NONE KNOWN WHICH HAVE NOT PREVIOUSLY BEEN IDENTIFIED IN THIS CHECKLIST OR ADOPTED RESOLUTIONS. ENVIRONMENTAL STUDIES FOR INDIVIDUAL PROJECTS WOULD ALSO LIST ANY KNOWN SPECIES.

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

NONE KNOWN.

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

DOES NOT APPLY. HOWEVER, FUTURE INDIVIDUAL PROJECT ACTIONS WOULD ADDRESS POTENTIAL MEASURES.

## 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.

DOES NOT APPLY.

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

DOES NOT APPLY.

- 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:

DOES NOT APPLY.

## 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.

NO.



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

DOES NOT APPLY.

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

NO HAZARDS IDENTIFIED.

b. Noise

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

DOES NOT APPLY. HOWEVER, FOR INDIVIDUAL PROJECTS THERE ARE LOCATIONS WHICH HAVE HEAVY TRAFFIC ON ADJACENT ARTERIALS.

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

DOES NOT APPLY. HOWEVER, FOR INDIVIDUAL PROJECTS, CONSTRUCTION EQUIPMENT WOULD BE OPERATED DURING REGULAR WORKING HOURS DURING THE CONSTRUCTION PHASE. ALL OPERATIONAL EQUIPMENT NOISES WILL BE WITHIN ALLOWABLE RESIDENTIAL LIMITS.

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

DOES NOT APPLY. HOWEVER, FOR INDIVIDUAL PROJECTS, CONSTRUCTION EQUIPMENT WOULD BE MUFFLED. CONSTRUCTION SCHEDULES WILL BE LIMITED TO NORMAL WORKING HOURS.

8. LAND AND SHORELINE USE

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

THE AMENDED 1994 KING COUNTY COMPREHENSIVE PLAN, AS ADOPTED UNDER THE GROWTH MANAGEMENT ACT, HAS DESIGNATED THE AREAS IN THE PLANNING AREA AS URBAN, AND WITHIN THE URBAN GROWTH AREA FOR KING COUNTY. THE SCHOOL SITE IS DESIGNATED RURAL.

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

NO

- c. Describe any structures on the site.

THERE ARE MANY DIFFERENT TYPES OF STRUCTURES WITHIN THE SERVICE PLANNING AREA, PRIMARILY RESIDENTIAL, WITH SOME VACANT LAND.

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

DOES NOT APPLY.

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

THE SERVICE AREA INCLUDES A VARIETY OF URBAN LAND USES WITH R-4 THROUGH R-48 ZONING. ALTHOUGH THE AREA IS PREDOMINANTLY RESIDENTIAL, THE AREA WITHIN THE URBAN GROWTH AREA (UGA) ALSO INCLUDES BUSINESS AND COMMERCIAL CLASSIFICATIONS. RURAL PORTIONS OF THE CORPORATE BOUNDARY HAVE DESIGNATIONS OF R-5 AND R-10 BUT ARE NOT INCLUDED IN THE SOOS CREEK PLANNING AREA WITH THE EXCEPTION OF THE TAHOMA SCHOOL DISTRICT SITE. THE SCHOOL SITE IS CURRENTLY ZONED R-5.

PORTIONS OF THE AMENDMENT ARE WITHIN AREAS WHERE THE CITIES OF KENT, RENTON, AUBURN, MAPLE VALLEY AND COVINGTON CURRENTLY HAVE, OR WILL HAVE, JURISDICTION OVER THE LAND USE. AS THE AREAS WILL RETAIN THEIR URBAN AND RURAL DESIGNATIONS, PER THE COUNTYWIDE PLANNING POLICIES AND THE KING COUNTY COMPREHENSIVE PLAN AND, AS THE DISTRICT HAS AGREEMENTS WITH BOTH OF THESE ENTITIES FOR SERVICE RESPONSIBILITIES, IT IS NOT ANTICIPATED THAT THE AMENDMENT WOULD BE AFFECTED BY A TRANSFER OF LAND USE JURISDICTION.

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

THE AMENDED 1994 KING COUNTY COMPREHENSIVE PLAN HAS DESIGNATED MOST OF THE PLANNING AREA URBAN AND WITHIN THE URBAN GROWTH AREA (UGA) FOR KING COUNTY FOR THE IMPLEMENTATION OF THE GROWTH MANAGEMENT ACT. THE SCHOOL SITE IS DESIGNATED RURAL.

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

LAKE DESIRE HAS A DESIGNATION OF RURAL, PANTHER LAKE HAS BEEN DESIGNATED CONSERVANCY, LAKE YOUNGS HAS A DESIGNATION OF CONSERVANCY, LAKE MERIDIAN HAS A DESIGNATION OF URBAN, PIPE LAKE HAS A DESIGNATION OF RURAL, LAKE WILDERNESS HAS A DESIGNATION OF CONSERVANCY, LAKE SAWYER HAS A DESIGNATION OF RURAL AND LAKE LUCERNE HAS A DESIGNATION OF RURAL PER THE KING COUNTY MASTER SHORELINE MANAGEMENT PROGRAM ACCORDING TO THE APRIL 1, 1985 DOCUMENT.

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

WITHIN THE SERVICE AREA THERE ARE A VARIETY OF DESIGNATIONS. THE KNOWN SENSITIVE AREAS ARE THOSE WHICH HAVE BEEN IDENTIFIED IN SECTIONS B1D AND B3 OF THIS DOCUMENT.

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

THE AMENDED 1994 KING COUNTY COMPREHENSIVE PLAN AND THE 1995 PUGET SOUND REGIONAL COUNCIL (PSRC) PROJECTIONS BOTH INDICATE THAT APPROXIMATELY 62,300 PEOPLE RESIDE IN THE FULL PLANNING AREA. THIS AMENDMENT IS PROJECTING AN ADDITIONAL POPULATION OF 1690 PEOPLE IN THE POLYGON AREA. THE SCHOOL POPULATION DURING THE DAY WILL BE APPROXIMATELY 1300 PEOPLE.

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

DOES NOT APPLY.

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

DOES NOT APPLY

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

EACH INDIVIDUAL PROJECT WILL BE REVIEWED FOR COMPATIBILITY WITH EXISTING AND PROJECTED LAND USES AND PLANS. PROJECTS WILL ALSO BE REVIEWED BY THE APPROPRIATE AGENCIES.

9. HOUSING

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

DOES NOT APPLY.

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

DOES NOT APPLY.

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

DOES NOT APPLY.

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?

DOES NOT APPLY.

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

DOES NOT APPLY.

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

DOES NOT APPLY.

11. LIGHT AND GLARE

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

DOES NOT APPLY.

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

DOES NOT APPLY.

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

DOES NOT APPLY.

- d. Proposed measures to reduce or control light and glare impacts, if any:

DOES NOT APPLY.

## 12. RECREATION

- a. What designated and informal recreational opportunities are in the immediate vicinity?

THERE ARE MANY PARK AND RECREATIONAL OPPORTUNITIES WITHIN THE SERVICE PLANNING AREA, INCLUDING RENTON, SOOS CREEK, GARY GRANT, GARRISON CREEK, NORTH MERIDIAN, AND PETROVITSKY PARKS, JENKINS CREEK, WILDERNESS TRAIL, LAKE WILDERNESS, LAKE SAWYER, LAKE MERIDIAN, AMONGST OTHERS. THERE ARE MANY REGIONAL TRAILS THROUGHOUT THE AREA. THERE IS THE DEPARTMENT OF WILDLIFE BOAT LAUNCH AT LAKE DESIRE. JUST ADJACENT TO THE AREA ARE THE FAIRWOOD GOLD AND MERIDIAN VALLEY COUNTRY CLUBS AND THE LAKE YOUNGS PARK & TRAIL.

- b. Would the proposed project displace any existing recreational use? If so, describe.

NO.

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

DOES NOT APPLY.

## 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.

NONE KNOWN

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

THERE ARE AT LEAST TEN POTENTIAL HISTORIC SITES WITHIN THE SERVICE AREA:

- JOHN T. MATSON HOUSE @ 23836 - 156TH AVENUE S.E., KENT (0433)
- MOE HAISE & CABIL @ 24826 - 132ND AVENUE S.E., KENT (0434)
- ALEX SWANSON HOUSE @ 12824 S.E. 256TH STREET, KENT (0435)
- RESIDENCE @ 20406 - 108TH AVENUE S.E., KENT (0616)
- RESIDENCE @ 24421 S.E. 120TH AVENUE S.E., KENT (0618)
- RESIDENCE @ 12252 S.E. 256TH STREET, KENT (0620)
- ATWOOD BUNGALOW @ 602 JASON AVENUE, KENT (0622)
- RESIDENCE @ 19221 - 96TH AVENUE SOUTH, KENT (0629)

- RESIDENCE @ 19224 - 96TH AVENUE SOUTH, KENT (0630)
- NICHOLIS HOUSE @ 16832 - 108TH AVENUE SOUTH, KENT (0675)

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

DOES NOT APPLY.

#### 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 SITES FOR THE PROPOSED PROJECTS ARE GENERALLY LOCATED ON PUBLIC STREETS, WITH A FEW EXCEPTIONS.

THERE ARE A NUMBER OF STREETS AND HIGHWAYS WITHIN THE SERVICE AREA. PETROVITSKY ROAD, BENSON ROAD AND KENT-KANGLEY (SR 516) ARE MAJOR EAST/WEST ARTERIALS. SR 18, 140TH/132ND AVE SE, AND THE MAPLE VALLEY-BLACK DIAMOND ROAD (SR169) ARE MAJOR NORTH/SOUTH ARTERIALS.

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

THERE ARE SEVERAL BUS ROUTES WITHIN THE SERVICE AREA, INCLUDING BUS ROUTES NO. 145 AND 155 WHICH SERVES 168TH AND PETROVITSKY, ROUTE NO. 163 AND 169 WHICH SERVES 104TH AND 108TH, ROUTES NO. 160 WHICH SERVE ALONG THE AREA BETWEEN SE 208TH ST., 116TH AND 234TH., ROUTE NO. 159 SERVICES THE KENT-KANGLEY AND TIMBERLANE WY SE TO WITTE RD SE, ROUTE 912 SERVES THE MAPLE VALLEY/BLACK DIAMOND RD (SR169) AND AROUND LAKE SAWYER, ROUTE NO. 158 SERVES THE LAKE MERIDIAN AREA, ROUTE NO. 168 SERVES KENT KANGLEY RD AND WAX RD, AND ROUTE NO. 164 SERVES FROM THE KENT KANGLEY RD DOWN 124TH AVE SE. ADDITIONALLY METRO MAINTAINS DART SERVES WITH ROUTE NO. 916 FROM DOWNTOWN KENT TO SE 208TH ST, 132ND AVE SE AND KENT KANGLEY RD. KING COUNTY HAS PLANS TO EXPAND BUS SERVICE FOR THE AREA IN THE FUTURE.

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

DOES NOT APPLY.

- 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).

DOES NOT APPLY. HOWEVER, INDIVIDUAL PROJECT CONSTRUCTION WILL OCCUR ON EXISTING ROADS AND EASEMENTS, OR ON NEW ROADS CREATED AS A RESULT OF DEVELOPMENT BY PRIVATE DEVELOPERS, THE COUNTY OR CITIES. SUBSEQUENT ROAD PATCHING AND REPAIR WILL OCCUR AS NECESSARY.

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

No

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

DOES NOT APPLY.

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

NONE SHOULD BE REQUIRED.

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, DOES NOT APPLY.

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

DOES NOT APPLY.

16. UTILITIES

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

VARIOUS LEVELS OF SERVICES ARE AVAILABLE DEPENDING ON THE AREA.

- 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 that might be needed.

THIS 1998 SEWER COMPREHENSIVE PLAN AMENDMENT SERVES AS A GUIDE FOR THE CONTROLLED EXPANSION OF SEWER WITHIN THE SERVICE AREA. SUBSEQUENT ACTIONS MAY INCLUDE CONSTRUCTION OF SEWER LINES AND LIFT STATIONS CONSISTENT WITH THE APPROPRIATE CITY OR THE KING COUNTY COMPREHENSIVE PLAN AND THE AREA ZONING.

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: 

Date Submitted: 10-28-98



**D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS**

- (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?

THIS PROPOSAL, THE SOOS CREEK WATER & SEWER DISTRICT 1998 SEWER COMPREHENSIVE PLAN AMENDMENT WILL NOT AFFECT THE ENVIRONMENT. THE AMENDMENT RESPONDS, IN AN ORDERLY MANNER, TO FUTURE DEVELOPMENT APPROVED BY VARIOUS AGENCIES, IN ACCORDANCE TO FEDERAL, STATE AND LOCAL REQUIREMENTS. SUBSEQUENT ACTIONS MAY INCLUDE PROPERTY OWNER REQUESTS FOR CONSTRUCTION OF SEWER MAINS CONSISTENT WITH APPROPRIATE CITY OR KING COUNTY GUIDELINES.

PROPOSED MEASURES TO AVOID OR REDUCE SUCH INCREASES ARE:

PROPOSED PROJECTS WILL BE REVIEWED AND ADDRESSED BY APPROPRIATE AGENCIES AS PROJECTS COMMENCE. ADDITIONALLY, DEVELOPMENT AND GROWTH WILL BE MONITORED AND CONTROLLED BY THE APPROPRIATE CITY OR KING COUNTY AGENCIES.

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

THE PROPOSED PROJECTS AND POTENTIAL DEVELOPMENT WILL RESULT IN THE LOSS OF PLANTS WHERE SEWER SYSTEM FACILITIES ARE INSTALLED ALONG EASEMENTS OR ON SPECIFIC SITES. IT IS NOT ANTICIPATED THAT THE PROPOSED PROJECTS WILL HAVE AN SIGNIFICANT IMPACT UPON FISH OR WILDLIFE.

PROPOSED PROJECTS WILL BE REVIEWED AND ADDRESSED BY APPROPRIATE AGENCIES AS THEY COMMENCE, TO MINIMIZE IMPACTS TO WILDLIFE.

- (3) How would the proposal be likely to deplete energy or natural resources?

DOES NOT APPLY, AS THE PROPOSAL WILL HAVE LITTLE DIRECT EFFECT UPON ENERGY RESOURCES OR MOST NATURAL RESOURCES. NEW OR EXPANDED LIFT STATIONS WILL USE ELECTRICAL POWER. IT IS POSSIBLE THAT AT SOME LOCATIONS TREES MAY BE CUT AND NOT REPLANTED.

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

DEVELOPMENT MUST CONFORM TO APPROPRIATE CITY OR KING COUNTY GUIDELINES AND REGULATIONS.

- (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, floodplain, or prime farmlands?

THE 1998 SEWER COMPREHENSIVE PLAN AMENDMENT WILL NOT AFFECT THE CURRENT USAGE OF SITES. INDIVIDUAL PROJECTS WITHIN THE SERVICE AREA WILL MORE SPECIFICALLY ADDRESS THESE CONCERNS.

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

PROPOSED PROJECTS WILL BE REVIEWED AND ADDRESSED BY APPROPRIATE AGENCIES, AS THE PROJECTS COMMENCE.

- (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?

THIS AMENDMENT DOES NOT ALLOW OR ENCOURAGE USES INCOMPATIBLE WITH EXISTING PLANS. THE AMENDMENT DOES SHOW SOME PROPOSED FACILITIES IN THE VICINITY OF WATER BODIES, HOWEVER, LAND AND SHORELINE USES SHOULD NOT BE AFFECTED IN THE LONG TERM.

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

CONFORMANCE TO APPLICABLE CITY OR KING COUNTY GUIDELINES, ZONING REQUIREMENTS, ALL STATE REGULATIONS AND DISTRICT STANDARDS WILL BE REQUIRED WHEN FUTURE DEVELOPMENT OCCURS.

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

THE AMENDMENT RECOMMENDS PROJECTS THAT WILL ADD TO AND IMPROVE THE EXISTING SEWER SYSTEM IN RESPONSE TO DEVELOPMENT. THE AMENDMENT ITSELF WILL NOT INCREASE THE DEMAND UPON TRANSPORTATION. OTHER THAN SEWER UTILITY, NO OTHER PUBLIC SERVICES WILL BE SIGNIFICANTLY AFFECTED.

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

GROWTH IS TO BE GUIDED BY CITY OR KING COUNTY COMPREHENSIVE PLANS. UTILITIES AND SERVICES MAY BE EXTENDED AND EXPANDED TO MEET THESE PROJECTED NEEDS.

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

THE 1998 SEWER COMPREHENSIVE PLAN AMENDMENT DOES NOT CONFLICT WITH ANY KNOWN ENVIRONMENTAL LAWS. PORTIONS OF SOME OF THE PROJECTS MAY REQUIRE AN UTILITY EXCEPTION FOR MINOR VARIANCES TO PORTIONS OF THE KING COUNTY SENSITIVE AREAS ORDINANCE. DEVELOPMENT AND GROWTH WHICH MAY FOLLOW WILL BE IN ACCORDANCE WITH ENVIRONMENTAL RESTRICTIONS, AS WELL AS CITY OR KING COUNTY PLANNING GUIDELINES.



**SOOS CREEK WATER AND SEWER DISTRICT**  
**KING COUNTY, WASHINGTON**  
**RESOLUTION NO. 1820-S**

A RESOLUTION of the Board of Commissioners of Soos Creek Water and Sewer District, King County, Washington, approving 1998 Sewer Comprehensive Plan Amendment for submission to King County and cities and towns for review.

WHEREAS, sewer districts are required by RCW 57.16.010 to adopt a general comprehensive plan for a system of sewers for the district; and

WHEREAS, the District has adopted the 1996 Sewer Comprehensive Plan in accordance with said statute; and

WHEREAS, pursuant to direction of the Board of Commissioners, the several portions and sections of the District have been investigated for the purpose of determining the present and reasonably foreseeable future needs of the District for the disposal of sewage and industrial and other liquid wastes now produced or which may reasonably be expected to be produced within the District, and it has been determined that amendment to the Plan is required; and

WHEREAS, such investigation has included determining the method of distributing the cost and expense of the sewer system against the District and against any utility local improvement districts lying within the District; and

WHEREAS, the District has developed as a portion of the Sewer Comprehensive Plan a long-term plan for financing the projects described in the Plan; and

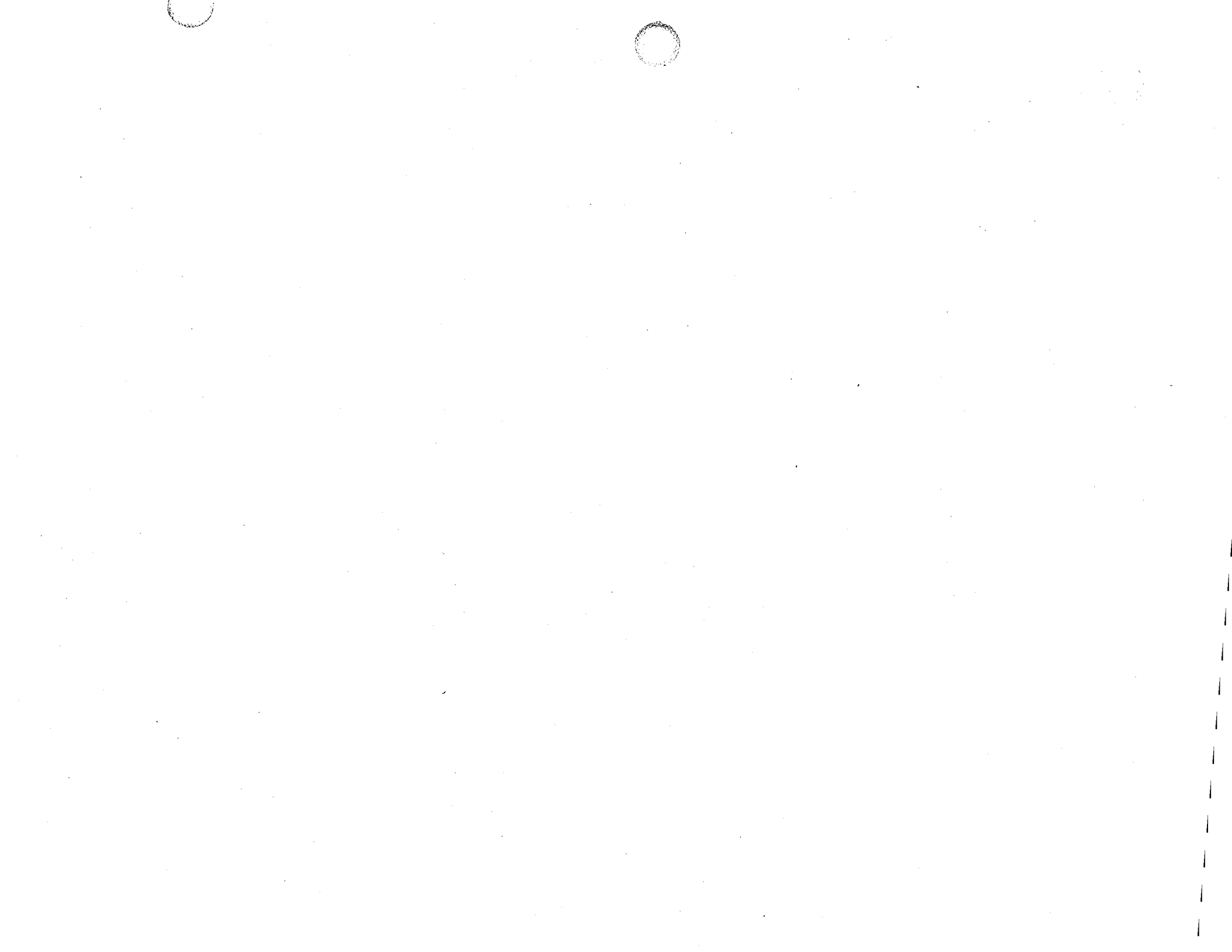
WHEREAS, a SEPA Checklist was prepared and considered, and the Board made a Declaration of Nonsignificance by the adoption of Resolution No. 1819-S; and

WHEREAS, the Checklist and Determination of Nonsignificance were circulated in accordance with the SEPA Statute and Regulations.

**RESOLUTION NO. 1820-S**

**SUBJECT:** Approving 1998 Sewer Comprehensive Plan  
Amendment for Submission to Agencies for Review


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NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of Soos Creek Water and Sewer District, King County, Washington, as follows:

SECTION 1: That the Soos Creek Water and Sewer District 1998 Sewer Comprehensive Plan Amendment is hereby approved by the Board of Commissioners for submission to an engineer designated by the King County Council, to the King County Director of Health, and to the governing bodies of all cities and towns, portions of which are included in the District, all in accordance with RCW 57.16.010.

ADOPTED by the Board of Commissioners of Soos Creek Water and Sewer District, King County, Washington, at a regular open public meeting thereof on the 4th of November, 1998

  
\_\_\_\_\_  
PHILIP SULLIVAN, President

  
\_\_\_\_\_  
KAREN WEBSTER, Secretary

  
\_\_\_\_\_  
STEVE SANDELIUS, Commissioner

  
\_\_\_\_\_  
CLEMENT QUANRUD, Commissioner

  
\_\_\_\_\_  
PATRICK BRAZIL, Commissioner

RESOLUTION NO. 1820-S  
SUBJECT: Approving 1998 Sewer Comprehensive Plan  
Amendment for Submission to Agencies for Review  
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