



**KING COUNTY**

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

**Signature Report**

**May 15, 2001**

**Ordinance 14107**

**Proposed No.** 2001-0192.3

**Sponsors** Phillips

1 AN ORDINANCE adopting candidate sites for the new  
2 regional wastewater treatment facilities and adopting site  
3 selection criteria to select final candidate sites which may  
4 be evaluated in the environmental impact statement for  
5 the north treatment facilities pursuant to the state  
6 Environmental Policy Act.

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8  
9 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

10 **SECTION 1. Findings:**

11 A. By Ordinance 13680, on November 29, 1999, King County adopted the  
12 Regional Wastewater Services Plan (RWSP) which set forth treatment plant policies  
13 intended to guide the county in providing treatment at its existing plants and in expanding  
14 treatment capacity through the year 2030. The RWSP calls for construction of a new  
15 north treatment plant in north King County or south Snohomish County by 2010.

16 B. By Ordinance 14043, on February 12, 2001, King County adopted site  
17 screening criteria to be used to select candidate north treatment facilities (NTF) sites and  
18 adopted procedural deadlines for future executive and council actions.

19 C. The executive has applied the site screening criteria to potential sites through  
20 the application of detailed evaluation questions to identify and evaluate candidate sites.

21 D. Within forty-five days of the adoption of Ordinance 14043, in accordance  
22 with the requirements of that ordinance, the executive transmitted this ordinance that  
23 adopts a list of candidate NTF sites and site selection criteria to be used to select the final  
24 candidate sites.

25 E. Consistent with Ordinance 14043, following transmittal of the candidate sites  
26 to the council, but prior to council action, the executive held four public workshops on  
27 the candidate sites: Edmonds on April 19, 2001; Woodinville on April 24, 2001;  
28 Shoreline on April 25, 2001; and Bothell on April 26, 2001. The council held a public  
29 hearing on May 14, 2001.

30 **SECTION 2. North treatment plant candidate sites.**

31 A. The six north treatment plant candidate sites, which are hereby adopted for the  
32 purpose of further review using the site selection criteria are:

33 1. Edmonds Unocal site located in the city of Edmonds, with an estimated total  
34 conveyance length of 67,400 feet;

35 2. Point Wells site located in unincorporated Snohomish county, with an  
36 estimated total conveyance length of 61,400 feet;

37 3. Gun Range site located in unincorporated Snohomish county, with an  
38 estimated total conveyance length of 76,850 feet;

39           4. Gravel Quarry site partially located in the city of Bothell and partially located  
40 in unincorporated Snohomish county, with an estimated total conveyance length of  
41 76,850 feet;

42           5. Thrasher's Corner site located in the city of Bothell, with an estimated total  
43 conveyance length of 87,300 feet; and

44           6. Route 9 site located in unincorporated Snohomish county, with an estimated  
45 total conveyance length of 109,400 feet.

46           B. A map delineating the boundaries of each proposed treatment plant candidate  
47 site is located in Attachment A to this ordinance.

48           SECTION 3. Marine outfall zones.

49           A. The eight marine outfall zones, which are hereby adopted for the purpose of  
50 further review using the site selection criteria are:

51           1. Zone 1, located immediately north of Picnic Point at the entrance to  
52 Possession Sound;

53           2. Zone 2, located in Browns Bay south of Meadowdale Beach Park;

54           3. Zone 3, located at the southern end of Browns Bay;

55           4. Zone 4, located approximately 1 mile south of Browns Bay;

56           5. Zone 5, located just north of the Edmonds ferry terminal;

57           6. Zone 6, located at Edwards Point;

58           7. Zone 7N, located on the north side of Point Wells and Zone 7S, located at  
59 Point Wells; and

60           8. Zone 8N, located at Richmond Beach and Zone 8S, located on the southern  
61 end of Zone 8.

62 B. A map delineating the location of each marine outfall zone is located in  
63 Attachment A to this ordinance.

64 **SECTION 4. Selection of final candidate sites.** This ordinance adopts site  
65 selection criteria in Sections 5, 6, 7 and 8. These site selection criteria shall be used to  
66 select the final candidate NTF sites, including plant site and its system conveyance and  
67 marine outfall.

68 **SECTION 5. Community policy site selection criteria.**

69 A. Community impacts.

70 1. King County shall seek NTF sites that can be appropriately developed and  
71 mitigated to be compatible with surrounding land and marine uses.

72 2. King County shall seek NTF sites that can be appropriately and effectively  
73 mitigated for potential impacts to the community such as noise, visual, odor and traffic  
74 effects.

75 3. King County shall select NTF sites in a manner consistent with the Growth  
76 Management Act.

77 B. Cultural resources. King County shall seek NTF sites that minimize impacts  
78 to known significant cultural resources.

79 C. Community amenity.

80 1. King County shall seek NTF sites where it is possible to enhance and provide  
81 benefit to the community, through appropriate and effective mitigation.

82 2. King County shall seek opportunities to enhance and provide benefit to the  
83 environment, such as habitat, wetlands, surface waters, groundwater, or cultural resources  
84 through appropriate mitigation of project impacts.

85            **SECTION 6. Technical policy site selection criteria.**

86            A. Size, shape and topography.

87            1. King County shall select NTF sites that provide sufficient area to  
88 accommodate the proposed facilities, an appropriate buffer, and at the treatment plant,  
89 room for reclamation of all wastewater flows, energy self-generation and future treatment  
90 process upgrades.

91            2. King County shall seek NTF sites that do not require extensive alteration due  
92 to either steep slopes or hazard mitigation, or both.

93            3. King County shall seek a north treatment plant site that is located at an  
94 elevation that allows efficient use of energy for conveyance of sewage to the plant and  
95 conveyance of treated effluent to Puget Sound.

96            4. King County shall seek NTF sites including sites for pump stations,  
97 demonstration water reuse projects and storage facilities that provide an opportunity for  
98 water reclamation and reuse.

99            B. Geology, soils and groundwater.

100           1. King County shall seek NTF sites that minimize exposure to geologic  
101 hazards, poor soil conditions and unsuitable subsurface geology.

102           2. King County shall seek NTF sites that minimize the need for dewatering  
103 during facilities construction or operation.

104           C. Site access and utilities.

105           1. King County shall seek NTF sites with adequate vehicle access to and from  
106 major roadways or sites where adequate access can be developed.

107           2. King County shall seek NTF sites with adequate, reliable and cost-  
108 competitive power supply or for which the county can obtain adequate supply and that  
109 provide an opportunity for energy self-generation.

110           3. King County shall seek NTF sites with adequate, emergency response  
111 services, such as fire and medical, or for which the county can develop or obtain adequate  
112 services.

113           D. Conveyance routes. King County shall seek conveyance routes that minimize  
114 the complexity of conveying flows to and from the north treatment plant site.

115           E. System reliability. King County shall seek NTF sites that can be developed  
116 and mitigated with effective flow management during emergencies.

117           F. Sustainability. King County shall seek NTF sites that support opportunities  
118 for reuse of treatment process by-products including biosolids, methane gas and  
119 reclaimed water.

120           G. Land acquisition, easements, rights-of-way.

121           1. King County shall seek NTF sites that minimize acquisition complexity in  
122 order to avoid or minimize risk of project delay and cost overruns.

123           2. King County shall select north treatment plant sites that do not displace  
124 existing facilities that are used for law enforcement and public safety training and, as a  
125 practical matter, are difficult to site elsewhere.

126           SECTION 7. Environmental policy site selection criteria.

127           A. Biological resource protection.

128           1. King County shall seek NTF sites that can be developed and mitigated to  
129 minimize adverse effects to biological resources including: threatened, endangered and

130 candidate species listed under the federal Endangered Species Act; endangered,  
131 threatened, sensitive and candidate species listed under the Washington Department of  
132 Fish and Wildlife's Priority Habitats and Species, and Species of Concern; and any  
133 officially designated local natural resources.

134 2. King County shall seek marine outfall locations that can be developed and  
135 mitigated to minimize effects on sensitive near-shore and offshore marine resources.

136 B. Water resources protection.

137 1. King County shall select NTF sites where it is feasible to construct and  
138 operate facilities in a manner that protects municipal drinking water wells and potable  
139 groundwater resources.

140 2. King County shall seek NTF sites that can developed and mitigated to  
141 minimize adverse effects to local surface waters.

142 3. King County shall seek NTF sites where it is feasible to construct and operate  
143 facilities that will not be at risk during a flood event.

144 C. Human health. King County shall select NTF marine outfall locations that can  
145 be developed and mitigated in a manner that will meet state and federal laws that protect  
146 public health related to recreation, fishing, shellfish, harvesting, seafood consumption,  
147 tribal usage or other human use activities.

148 D. Contamination. King County shall seek NTF sites that can be developed and  
149 mitigated in a manner that minimizes disruptions or mobilization of hazardous materials  
150 into the environment.

151 **SECTION 8. Financial policy site selection criteria – overall system cost.**

152           A. Lifetime costs. King County shall seek NTF sites that will result in  
153 reasonable lifetime costs for the plant, conveyance activities and marine outfall, through  
154 consideration of acquisition costs, capital costs, operations, maintenance and mitigation.

155           B. Financial security and bonding. King County shall select NTF sites that can  
156 be developed and mitigated within the financial security and bonding capacity for the  
157 wastewater system consistent with the county's legal and contractual commitments  
158 regarding the use of sewer revenues to pay for sewer expenses.

159

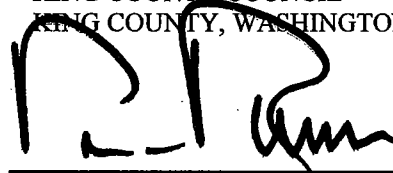
Ordinance 14107 was introduced on 4/2/01 and passed as amended by the Metropolitan King County Council on 5/14/01, by the following vote:

Yes: 11 - Mr. von Reichbauer, Ms. Miller, Mr. Phillips, Mr. Pelz, Mr. McKenna, Ms. Sullivan, Mr. Nickels, Mr. Pullen, Mr. Gossett, Mr. Thomas and Mr. Irons

No: 0

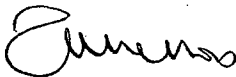
Excused: 2 - Ms. Fimia and Ms. Hague

KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON



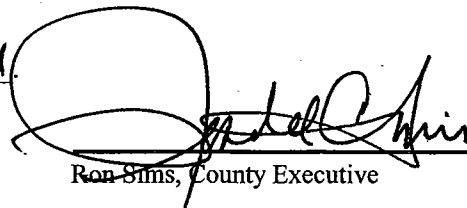
Pete von Reichbauer, Chair

ATTEST:



Anne Noris, Clerk of the Council

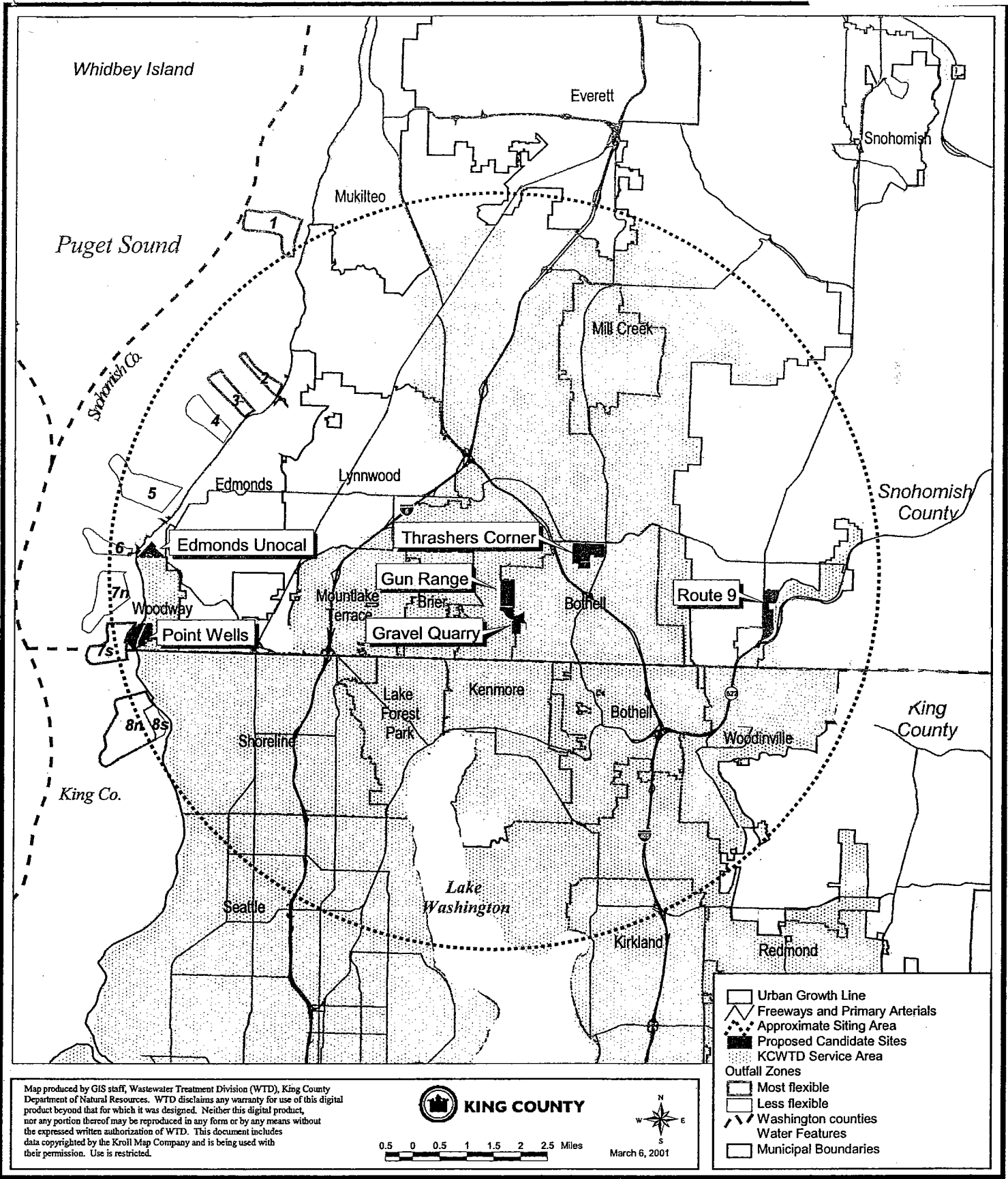
APPROVED this 24 day of May, 2001.



Ron Sims, County Executive

**Attachments**   A. Proposed Candidate Sites & Outfall Zones





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0.5 0 0.5 1 1.5 2 2.5 Miles

March 6, 2001

- Urban Growth Line
- Freeways and Primary Arterials
- Approximate Siting Area
- Proposed Candidate Sites
- KCWTD Service Area
- Outfall Zones**
- Most flexible
- Less flexible
- Washington counties
- Water Features
- Municipal Boundaries



**ORDINANCE 14107**

**BrightWater  
Appendices to Attachment A: Siting the  
Brightwater Treatment Facilities**

***ATTACHMENT(S) AVAILABLE IN ARCHIVES***