



**KING COUNTY**

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

**Signature Report**

**September 18, 2003**

**Ordinance 14755**

**Proposed No.** 2003-0417.2

**Sponsors** Patterson, Edmonds and Phillips

1 AN ORDINANCE authorizing the King County executive  
2 to enter into an interlocal agreement with Tacoma Public  
3 Utilities to implement restoration projects at Auburn  
4 Narrows on the Green river.

5

6

7 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

8 **SECTION 1. Findings:**

9 A. The city of Tacoma, department of public utilities, water division (doing  
10 business as and referred to in this ordinance as "Tacoma Water") withdraws water from  
11 the Green river in King County as a principal source of potable water supply for the city  
12 of Tacoma and its customers.

13 B. In its 1987 Tacoma Comprehensive System Water Plan, Tacoma Water  
14 identified the need for a second supply pipeline from the Green river, and as part of water  
15 plan implementation, designed and permitted a pipeline that runs from the diversion  
16 works on the Green river through south King County to the existing water supply system  
17 near Tacoma ("Pipeline 5").

18 C. As construction of Pipeline 5 necessitated crossing a number of streams and  
19 wetlands in King County, the county required Tacoma Water to develop a comprehensive  
20 mitigation plan that was approved by the King County council in 1993 through  
21 Ordinance 10776.

22 D. The mitigation plan required both on-site mitigation wherever wetlands were  
23 impacted by construction and an additional amount of off-site compensatory wetland  
24 mitigation to account for the temporal loss of wetland values that could not be mitigated  
25 at the impact sites.

26 E. The plan also created an environmental resource fund that would over time  
27 make available two million five hundred thousand dollars to be used by King County for  
28 the purposes of acquiring and restoring fish habitat, protecting wildlife and water  
29 resources, and providing recreational opportunities within the Green river basin.

30 F. In 1995, the King-County-owned Auburn Narrows park property was  
31 identified as a candidate site for Tacoma Water's off-site wetland impact mitigation  
32 activities, and King County and Tacoma Water began evaluations for implementing a  
33 mitigation project at the site.

34 G. The Auburn Narrows site adjoins a segment of the Green river that King  
35 County has identified as a high priority for fish and wildlife habitat enhancement, and  
36 environmental resource fund funding has been targeted for a salmon habitat enhancement  
37 project at the site.

38 H. Tacoma Water and King County, through its water and land resources  
39 division, have agreed to work jointly on a conceptual restoration plan that encompasses

40 Tacoma Water's required mitigation project and the salmon habitat enhancement that  
41 King County desires to implement.

42 I. The conceptual restoration plan has been shown to be feasible through a joint,  
43 preliminary design effort completed in early 2003.

44 J. King County and Tacoma Water wish to cooperate to implement a wetland  
45 restoration, enlargement and enhancement project and salmon habitat restoration project  
46 at the Auburn Narrows site.

47 K. In accordance with chapter 39.34 RCW, the Interlocal Cooperation Act, King  
48 County and Tacoma Water are each authorized to enter into an agreement for cooperative  
49 action.


50 SECTION 2. The county executive is hereby authorized to enter into an interlocal  
51 agreement in substantially the same form as Attachment A to this ordinance, provided  
52 that the funds to be transferred from Tacoma Water to King County for purchase of  
53 replacement recreational property shall be spent to purchase suitable replacement

54 property located in the Green River Basin, subject to approval of suitable replacement  
55 property by the state of Washington Interagency Committee on Outdoor Recreation.  
56

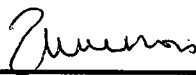
Ordinance 14755 was introduced on 9/8/2003 and passed by the Metropolitan King County Council on 9/18/2003, by the following vote:

Yes: 10 - Ms. Sullivan, Ms. Edmonds, Mr. von Reichbauer, Ms. Lambert, Mr. Phillips, Mr. Pelz, Mr. McKenna, Mr. Constantine, Mr. Hammond and Mr. Irons  
No: 0  
Excused: 3 - Mr. Gossett, Ms. Hague and Ms. Patterson

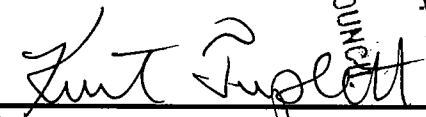
KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON

  
Cynthia Sullivan, Chair

ATTEST:

  
\_\_\_\_\_  
Anne Noris, Clerk of the Council

APPROVED this 2nd day of October, 2003.

  
for Ron Sims, County Executive

RECEIVED  
2003 OCT -2 PM 4:28  
KING COUNTY COUNCIL CLERK

**Attachments** A. Interlocal Agreement between King County and the City of Tacoma, Department of Public Utilities, Water Division to Implement Restoration Projects at Auburn Narrows on the Green River

**INTERLOCAL AGREEMENT BETWEEN KING COUNTY  
AND THE CITY OF TACOMA, DEPARTMENT OF PUBLIC UTILITIES, WATER  
DIVISION TO IMPLEMENT RESTORATION PROJECTS  
AT AUBURN NARROWS ON THE GREEN RIVER**

1.           WHEREAS, the City of Tacoma, Department of Public Utilities, Water Division  
2 (d.b.a. and hereinafter "Tacoma Water") withdraws water from the Green River in King  
3 County as a principal source of potable water supply for the City of Tacoma and its  
4 customers, and

5           WHEREAS, in its 1987 Tacoma Comprehensive System Water Plan Tacoma Water  
6 identified the need for a second supply pipeline from the Green River, and as part of Water  
7 Plan implementation designed and permitted a pipeline that runs from the diversion works on  
8 the Green River through south King County to the existing water supply system near Tacoma  
9 (hereinafter "Pipeline 5"), and

10           WHEREAS, as construction of Pipeline 5 necessitated crossing a number of streams  
11 and wetlands in King County, the County required Tacoma Water to develop a  
12 Comprehensive Mitigation Plan that was approved by the King County Council in 1993  
13 through Ordinance 10776, and

14           WHEREAS, the Mitigation Plan required both on-site mitigation wherever wetlands  
15 were impacted by construction, and an additional amount of offsite compensatory wetland  
16 mitigation to account for the temporal loss of wetland values that could not be mitigated at  
17 the impact sites, and

18           WHEREAS, the Plan also created an Environmental Resource Fund ("ERF") that  
19 would over time make available \$2.5 million to be used by King County for the purposes of  
20 acquiring and restoring fish habitat, protecting wildlife and water resources, and providing  
21 recreational opportunities within the Green River Basin, and

22           WHEREAS, in 1995, the King County-owned Auburn Narrows Park property was  
23 identified as a candidate site for Tacoma Water's offsite wetland impact mitigation activities,  
24 and King County and Tacoma Water began evaluations for implementing a mitigation project  
25 at the site, and

26           WHEREAS, the Auburn Narrows site adjoins a segment of the Green River that King  
27 County has identified as a high priority for fish and wildlife preservation, and ERF funding  
28 has been targeted for a salmon habitat enhancement project at the site, and,

1 WHEREAS, Tacoma Water and King County, through its Water and Land Resources  
2 Division, worked jointly on a conceptual restoration plan encompassing Tacoma Water's  
3 required mitigation project and the salmon habitat enhancement that King County desires to  
4 implement, and

5 WHEREAS, the conceptual restoration plan was shown to be feasible through a joint,  
6 preliminary design effort completed in early 2003, and

7 WHEREAS, King County and Tacoma Water, hereinafter the "Parties," wish to  
8 cooperate to implement a wetland restoration, enlargement and enhancement project and  
9 salmon habitat restoration project at the Auburn Narrows site, and

10 WHEREAS, pursuant to RCW 39.34, the Interlocal Cooperation Act, King County  
11 and Tacoma Water are each authorized to enter into an agreement for cooperative action;

12 NOW THEREFORE, the Parties hereto agree as follows:

13 **I. Purpose**

- 14 A. This Agreement provides a mechanism for King County, as represented by its Water  
15 and Land Resources (WLR) Division, and Tacoma Water to cooperate to design and  
16 construct a wetland restoration, enlargement and enhancement project and a salmon  
17 habitat restoration project at the Auburn Narrows site in King County. The wetland  
18 restoration, enlargement and enhancement project will hereinafter be referred to as  
19 "Project A" and the habitat restoration project will hereinafter be referred to as  
20 "Project B" (collectively referred to as the "Projects"). The Parties intend that  
21 Project A will be constructed before the end of 2004; Project B may or may not have  
22 been completed at that time.
- 23 B. This Agreement provides for ongoing maintenance and monitoring of the Projects  
24 pursuant to any permitting requirements that may apply.

25 **II. Description of Projects**

26 The Auburn Narrows site on which the Projects are to be implemented is a 50.9-acre  
27 parcel owned by King County along the Green River, downstream of the State Route 18  
28 Bridge and north of the SE Auburn-Black Diamond Road. The southern 24.8 acres of the  
29 site consists of a high river terrace; the northern 26.1 acres of the site consists of a lower  
30 floodplain. The lower terrace supports both upland and floodplain wetland communities,  
31 including forest, scrub-shrub and herbaceous habitats. Six wetlands are located in the  
32 lower floodplain terrace, including a 2.73-acre oxbow pond and 1.02 acres of other

1 wetland habitats. The upper terrace consists of abandoned upland pasture dominated by  
2 pasture grasses, thistle, red elderberry, and Scotch broom. Though the site has not been  
3 developed, it is currently designated as urban recreation land by the funding sources used  
4 to acquire the site. The public accesses a Washington Department of Fish and Wildlife  
5 easement along the river via an informal trail through the site.

6 Due to the nature of the funding sources used to acquire the site in the mid-1970s,  
7 a conversion process is required to change the use of the site to habitat restoration and/or  
8 mitigation uses. This will include action by the Washington State Interagency  
9 Committee for Outdoor Recreation (IAC) to change the current designated use to that of a  
10 restoration and mitigation site. It will also require the acquisition of additional property,  
11 of equivalent appraised value, to be owned by King County and designated for active  
12 recreation use.

13 The goals of the Projects are to meet Tacoma Water's offsite wetland mitigation  
14 requirements listed in its permits for the Second Supply Pipeline and to increase salmonid  
15 habitat features by creating a new side channel connected to the Green River. The Parties  
16 intend that construction of the Projects will be coordinated in order to achieve  
17 efficiencies; however for purposes of planning and division of responsibilities (and  
18 implementation if necessary), the Projects are separable: Tacoma Water's Project A  
19 consists of wetland restoration, enlargement, and enhancement; and King County's  
20 Project B consists of side channel habitat improvements. The location and boundaries of  
21 the Projects are identified and graphically depicted on the diagram attached to this  
22 Agreement as Exhibit One, which is incorporated herein and made a part hereof.

### 23 **III. Project Administration**

24 A. The work to be performed under this Agreement will be administered by a Project  
25 Manager for King County as designated by the WLR Division and a Project Manager  
26 for Tacoma Water as designated by Tacoma Water. Each party shall, within 10 days  
27 of mutual acceptance of this Agreement, notify the other in writing of its designated  
28 Project Manager. As of the date of execution of this Agreement, the King County  
29 Project Manager is the Manager of the Land and Water Stewardship Section of the  
30 WLR Division, and the designated Project Manager for Tacoma Water is the Second  
31 Supply Pipeline Project Manager. The Project Managers will coordinate as needed to  
32 manage implementation of the Projects, to resolve issues referred by the Joint Design

1 Team (as described below) and to ensure compliance with the terms of this  
2 Agreement. The Project Managers will seek to make decisions by consensus.

3 B. Up to the time of completion of construction of the Projects, the WLR Division and  
4 Tacoma Water will provide technical staff to participate in a Joint Design Team  
5 ("JDT") to: 1) share technical, ecological and engineering information regarding the  
6 Projects; 2) prepare and update schedules, scopes and budgets for the Projects; 3)  
7 coordinate the execution of tasks to complete Scope of Work elements; and 4)  
8 prepare recommendations for any actions or decisions needed by the Project  
9 Managers. The JDT will meet on a biweekly basis and in addition will be available to  
10 coordinate as needed. Any issues that cannot be resolved within the JDT will be  
11 referred to the Project Managers for resolution.

#### 12 IV. Responsibilities

13 Responsibilities as outlined below correspond to work elements as outlined in the Scope  
14 of Work attached to this Agreement as Exhibit Two, which is incorporated herein and  
15 made a part hereof. In cases where Tacoma Water uses a contractor to execute its  
16 responsibilities, Tacoma Water agrees to manage its contractor so as to meet the terms of  
17 this Agreement. In cases where King County uses a contractor to execute its  
18 responsibilities, King County agrees to manage its contractor so as to meet the terms of  
19 this Agreement.

##### 20 A. Property Use

21 King County will conduct all Property Use activities as outlined on Exhibit Two.

##### 22 B. Permitting

23 Tacoma Water will conduct all Permitting activities required for Project A and King  
24 County will conduct all Permitting activities required for Project B.

##### 25 C. Design

26 Prior to the execution of this Agreement, the Parties completed preliminary design  
27 activities for Projects A and B; these activities are described in Exhibit Two.

##### 28 D. Final Design and Bid Documents

29 Tacoma Water will prepare the Plans, Specifications and Estimates ("PS&E") for  
30 Project A and King County will prepare the PS&E for Project B.

##### 31 E. Construction

32 1. Tacoma Water will construct Project A.



- 1           2. By December 31, 2003, King County will notify Tacoma Water concerning  
2           whether or not King County desires Tacoma Water to construct Project B in  
3           conjunction with Project A.
- 4           3. King County will construct Project B if it does not choose to have Tacoma Water  
5           construct Project B.
- 6           4. If King County Elects to Have Tacoma Water Construct Project B  
7           a. Tacoma Water agrees to construct Project B in conjunction with Project A if  
8           King County so notifies and requests; King County will identify a contact  
9           person to act as a County Owner Representative for Project B during  
10          construction.
- 11          b. If King County notifies Tacoma Water that it does desire Tacoma Water to  
12          construct Project B in coordination with Project A, King County will, on or  
13          before January 31, 2004, provide Tacoma Water the PS&E for Project B for  
14          inclusion in the overall construction bid package. King County will thereafter  
15          work with Tacoma Water to integrate the Project A and Project B bid  
16          documents.
- 17          c. Tacoma Water and King County must have each approved the construction  
18          bid package before bids are solicited. King County's Owner Representative  
19          must have approved Tacoma Water's selected contractor before a contract  
20          with such contractor is executed.
- 21          d. Tacoma Water will ensure that the construction bid includes separate cost  
22          figures for Construction of Project A and Construction of Project B.
- 23          e. If work change orders are proposed, Tacoma Water will make a preliminary  
24          determination regarding whether such change orders affect only Project A,  
25          only Project B, or both Projects. Change orders potentially affecting only  
26          Project B or both Projects must be reviewed and approved by the Project B  
27          Owner Representative prior to implementation.
- 28          f. Tacoma Water will separately contract for a Construction Site Manager. King  
29          County will have approval over the selection of the Construction Site  
30          Manager.

1 F. Monitoring and Maintenance

- 2 1. Tacoma Water's responsibility for monitoring and maintenance of Project A will  
3 be established by the permitting agencies for some period of years. Tacoma  
4 Water will perform required monitoring and maintenance activities for one year  
5 after Project A completion. Thereafter, King County will perform said required  
6 monitoring and maintenance activities on behalf of Tacoma Water for the  
7 remaining years of the monitoring/maintenance period with reasonable costs  
8 thereof to be reimbursed by Tacoma Water as described below. Tacoma Water  
9 will provide King County with the opportunity to review and comment upon the  
10 Project A Monitoring Plan prior to Tacoma Water's completion of Project A.
- 11 2. For each year after the first year of monitoring/maintenance for Project A, King  
12 County will prepare for Tacoma Water's review and approval a maintenance  
13 work plan with cost estimates including contingency costs. King County will  
14 execute the work plan elements at the appropriate times during the course of the  
15 year. King County will secure Tacoma Water's written approval prior to  
16 performing work causing the total of cost estimates plus contingency costs to be  
17 exceeded.
- 18 3. King County will monitor and maintain Project B as required by permitting  
19 agencies.

20 G. Neither party is acting as the agent of the other under the terms of this Agreement or  
21 with regard to the Project.

- 22 1. All services performed by King County, its employees and/or contractors relative  
23 to Project A, and all services performed by Tacoma Water, its employees and/or  
24 contractors to Project B, shall be furnished as independent contractors,  
25 respectively, and nothing herein contained shall be construed to create a  
26 relationship of employer/employee or master/servant. No payroll or employment  
27 taxes of any kind shall be withheld or paid by either Party for services rendered  
28 by the other with respect to payments made hereunder. The payroll or  
29 employment taxes that are the subject of this provision include, but are not limited  
30 to, FICA, FUTA, state disability insurance tax and state unemployment insurance  
31 tax. By reason of each Parties' independent contractor status hereunder, no

1 Workers' Compensation insurance has been or will be obtained by Tacoma Water  
2 on account of King County and vice versa.

3 **V. Financial Responsibilities**

4 **A. Property Use**

5 Tacoma Water will reimburse King County for all reasonable and actual costs to  
6 conduct Property Use activities as identified in Exhibit Two and conducted by King  
7 County. Estimated costs for Property Use activities is \$255,000. Property Use costs  
8 to be reimbursed by Tacoma Water will not exceed \$270,000 without written  
9 agreement of Tacoma Water.

10 **B. Permitting**

11 Tacoma Water is responsible for all costs it incurs in the course of acquiring permits  
12 for Project A and King County is responsible for all costs it incurs in the course of  
13 acquiring permits for Project B.

14 **C. Preliminary Design**

15 Each Party agrees to bear the cost of the preliminary design activities it has  
16 conducted.

17 **D. Final Design**

18 King County will pay for all costs it incurs in the course of conducting final design  
19 activities for Project B, and Tacoma Water is responsible for all costs it incurs in the  
20 course of conducting final design activities for Project A.

21 **E. Construction**

- 22 1. If King County elects to construct Project B, it will pay for all costs incurred for  
23 such construction and Tacoma Water will pay for all costs incurred to construct  
24 Project A.
- 25 2. If King County chooses to have Tacoma Water construct Project B in conjunction  
26 with constructing Project A, the following cost provisions apply:
- 27 a. Tacoma Water will pay for all costs associated with the Bid Tendering and  
28 Contract Execution tasks as identified in Exhibit Two.

- 1           b. King County shall pay for Project B construction costs as represented by the
- 2           bid amount for Project B. Tacoma Water is responsible for Project A
- 3           construction costs as represented by the bid amount for Project A.
- 4           c. King County will be fully responsible for costs of work change orders
- 5           affecting Project B which have been reviewed and approved by the Project B
- 6           Owner Representative. For work change orders affecting both Projects which
- 7           have been reviewed and approved by the Project B Owner Representative,
- 8           King County and Tacoma Water shall divide cost responsibilities by the
- 9           relative proportion of the Project B construction cost bid amount to the Project
- 10          A construction costs bid amount.
- 11          d. King County and Tacoma Water shall pay one-third and two-thirds shares
- 12          respectively of Construction Site Manager costs.

13   **F. Monitoring and Maintenance**  
14       King County is responsible for all monitoring and maintenance costs for Project B.  
15       Tacoma Water is responsible for all monitoring and maintenance costs for Project A,  
16       with monitoring and maintenance work to be conducted according to Agreement  
17       Section IV.F.

18   **VI. Billing**

- 19    **A.** Upon execution of this Agreement, King County will invoice Tacoma Water for
- 20    actual costs incurred to date to complete the Property Use tasks and will bill Tacoma
- 21    Water on a quarterly basis thereafter for additional costs incurred. Tacoma Water
- 22    will pay invoices within 45 days of receipt.
- 23    **B.** If King County elects to have Tacoma Water construct Project B in conjunction with
- 24    Project A, Tacoma Water will bill King County for costs incurred for the
- 25    Construction Site Management and Project B construction costs as outlined in
- 26    Agreement Section V. King County will pay invoices within 45 days of receipt.
- 27    **C.** Once King County has begun monitoring and maintenance for Project A King County
- 28    will bill Tacoma Water for costs incurred on a quarterly basis. Tacoma will pay
- 29    invoices within 45 days of receipt.

1 VII. Effectiveness, Duration, Termination and Amendment

2 A. This Agreement is effective upon signature by King County and Tacoma Water and  
3 will remain in effect until completion of the required monitoring and maintenance  
4 period.

5 B. Up to the completion of construction of Project A and Project B, this Agreement may  
6 be terminated upon the written consent of both Parties.

7 C. After completion of construction of Project A and Project B, this Agreement may be  
8 terminated by either Party upon 90 days written notice. Tacoma Water agrees that if  
9 it intends to terminate the provision of monitoring and maintenance services by King  
10 County it will, prior to such termination, provide King County with the opportunity to  
11 discuss with Tacoma Water its rationale for wishing to terminate services and  
12 circumstances under which King County might be provided the opportunity to  
13 continue as the monitoring and maintenance service provider.

14 C. This Agreement is not assignable by either Party, either in whole or in part.

15 D. This Agreement may be amended, altered, terminated or clarified only by written  
16 agreement of the parties hereto.

17 E. This Agreement is a complete expression of the terms hereto and any oral or written  
18 representations or understandings not incorporated herein are superceded by this  
19 Agreement. The Parties recognize that time is of the essence in the performance of  
20 the provisions of this Agreement. Waiver of any default shall not be deemed to be a  
21 waiver of any subsequent default. Waiver of breach of any provision of this  
22 Agreement shall not be deemed to be a waiver of any other or subsequent breach and  
23 shall not be construed to be a modification of the terms of the Agreement unless  
24 stated to be such through written approval by the parties which shall be attached to  
25 the original Agreement.

26 F. Nothing herein shall be construed as obligating the Parties to expend money in excess  
27 of appropriations authorized by law and administratively allocated for this work.

28 VIII. Dispute Resolution

29 A. Any conflicts that cannot be resolved by the Project Managers will be referred for  
30 resolution to the Division Manager of the WLR Division and the Tacoma Water  
31 Superintendent.

1 B. Any conflicts that cannot be resolved by the Division Manager of the WLR Division  
2 and the Tacoma Water Superintendent will be referred for resolution to the  
3 Department Director of the King County Department of Natural Resources and the  
4 Director of Tacoma Public Utilities. Any conflicts that cannot be resolved by the  
5 Department Director of the King County Department of Natural Resources and the  
6 Director of Tacoma Public Utilities shall, within 15 days of being submitted to said  
7 Party representatives, be submitted to binding arbitration to be conducted as follows:  
8 Each party will appoint an arbitrator within five working days of the request for  
9 arbitration; the two appointed arbitrators shall meet and attempt to resolve the  
10 submitted issues within ten working days thereafter. In the event of failure to so  
11 resolve the dispute, the two arbitrators shall select an independent arbitrator from a  
12 list provided by the American Arbitration Association (AAA) within five working  
13 days thereafter. If the two selected arbitrators fail to so appoint a third arbitrator, the  
14 AAA shall appoint one from its list of construction industry arbitrators. The matter  
15 shall be heard by the panel of three arbitrators within five working days after  
16 appointment of the third arbitrator or as soon thereafter as the matter may be heard.  
17 After the hearing, which shall be conducted in accordance with the construction  
18 industry rules of the AAA then pertaining, the arbitrators shall have 20 days to render  
19 their decision. The decision of the arbitrators shall be final and binding upon the  
20 parties and shall constitute a final adjudication of all matters submitted to arbitration.  
21 All notices hereunder shall be given as provided elsewhere in this Agreement for  
22 notices generally.

23 IX. Indemnification and Hold Harmless

24 Each Party shall protect, defend, indemnify, and save harmless the other Party, its  
25 officers, officials, employees, and agents, while acting within the scope of their  
26 employment as such, from any and all costs, claims, judgments, and/or awards of  
27 damages, arising out of or in any way resulting from the indemnifying Party's its officers,

1 officials, employees, agents and/or contractors) negligent or intentional acts or omissions  
2 under the terms of this Agreement or with respect to the Projects hereunder. For this  
3 purpose the Parties hereby waive any immunity that would otherwise be available against  
4 such claims under the Industrial Insurance provisions of Title 51 RCW and state that  
5 these indemnification provisions have been mutually negotiated.

6  
7 IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the \_\_\_\_\_ of  
8 \_\_\_\_\_, 2003.

9  
10 Approved as to form:

KING COUNTY:

11  
12  
13 \_\_\_\_\_  
14 Deputy Prosecuting Attorney

\_\_\_\_\_   
King County Executive

15  
16 Approved as to form:

CITY OF TACOMA:

17  
18  
19 \_\_\_\_\_  
20 Assistant City Attorney

\_\_\_\_\_   
Director of Utilities

21  
22 Approved as to available Funding:

Approved:

23  
24 \_\_\_\_\_  
25 Finance

\_\_\_\_\_   
Kenneth Merry, Tacoma Water  
Superintendent

26  
27  
28 Reviewed:

29  
30  
31 \_\_\_\_\_  
32 Asset Management



I:2004-45



AUBURN NARROWS RESTORATION PROJECT

EXHIBIT ONE

14755



# 14755

Exhibit Two

## Auburn Narrows Projects Scope of Work

<b>Work Element</b>	<b>Sub-tasks (where applicable)</b>
<b>Property Use</b>	Easement acquisition Site conversion Replacement property acquisition
<b>Permitting</b>	
<b>Preliminary Design</b>	Site investigation Conceptual design Fisheries Design report Site survey Hydrologic data collection and analysis Grading plan Well pump test
<b>Final Design</b>	Plans, Specifications and Estimates
<b>Construction</b>	Bid Tendering Contract Execution Construction
<b>Construction Site Management</b>	
<b>Monitoring</b>	
<b>Maintenance</b>	