

MOTION NO. 6841

A MOTION authorizing the Executive to enter into an interlocal agreement with the City of Redmond to prepare a Ground Water Plan for the Redmond-Bear Creek Valley and accepting the Scope of Work for the Redmond-Bear Creek Valley Ground Water Management Plan.

WHEREAS, the Department of Ecology has instituted regulations under Chapter 173-100 WAC that provide for a process for long term ground water supply protection, and

WHEREAS, the Department of Ecology has identified the Redmond-Bear Creek Valley area as a Probable Ground Water Management Area, and placed this area on the Department of Ecology's General Schedule for being designated as a specific Ground Water Management Area, and

WHEREAS, the Ground Water Management Plan development may require the execution of interlocal agreements with participating agencies, and

WHEREAS, the Interlocal Agreement states that King County shall approve the Scope of Work for the Redmond-Bear Creek Valley Ground Water Management Plan, and

WHEREAS, planning and community development, health department, and council staff have reviewed the Scope of Work and recommended approval;

NOW, THEREFORE, BE IT MOVED by the Council of King County:

A. The executive is hereby authorized to enter into an interlocal agreement (substantially in the form attached) with the City of Redmond for the purpose of preparing a Ground Water Management Plan.

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1 B. The Scope of Work for the Redmond-Bear Creek Valley Ground
2 Water Management Plan is approved as generally described in the attached
3 documents.

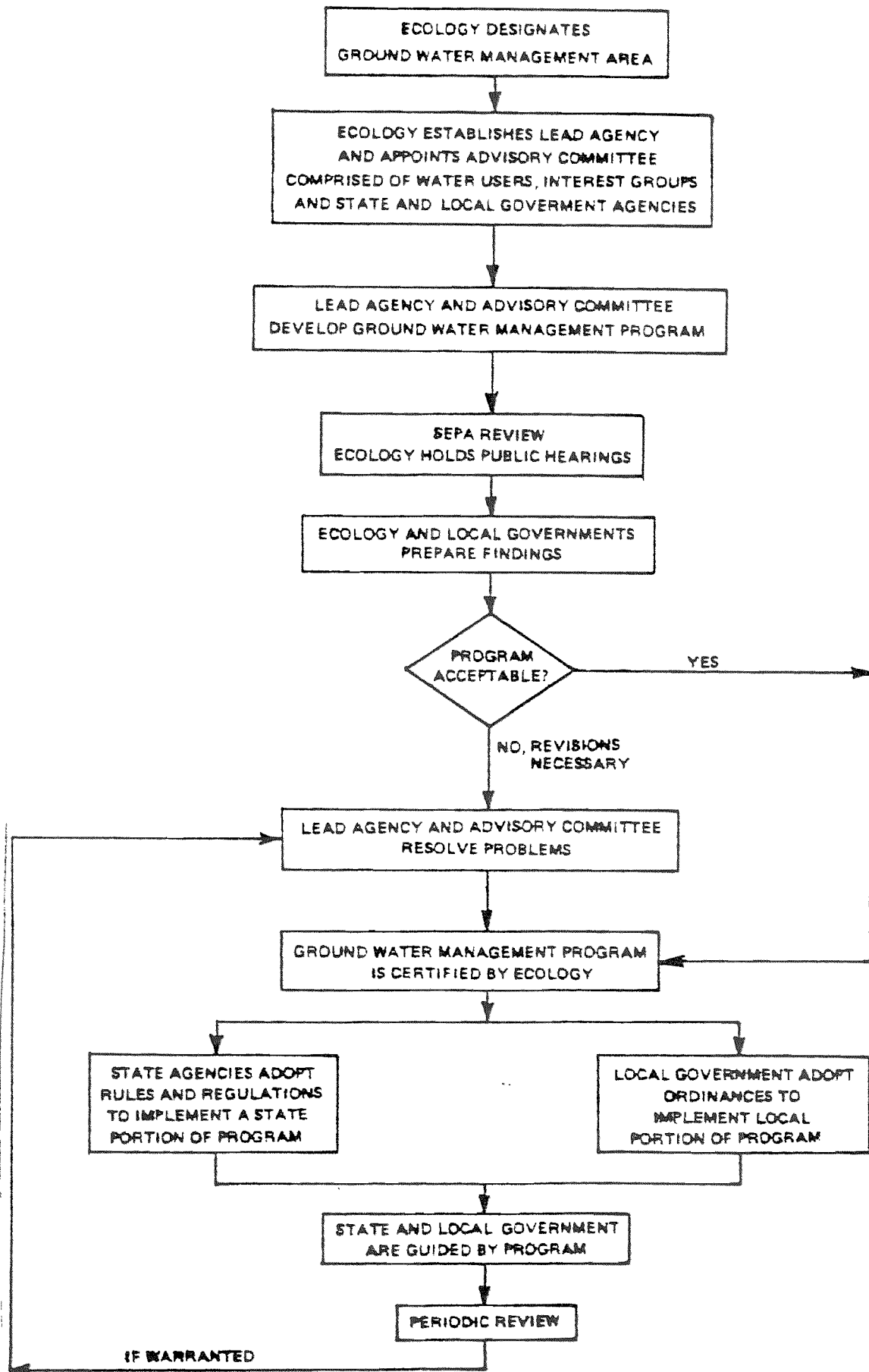
4 PASSED this 27th day of April, 1987.

5 KING COUNTY COUNCIL
6 KING COUNTY, WASHINGTON

7
8 Gary Grant
9 Chairman

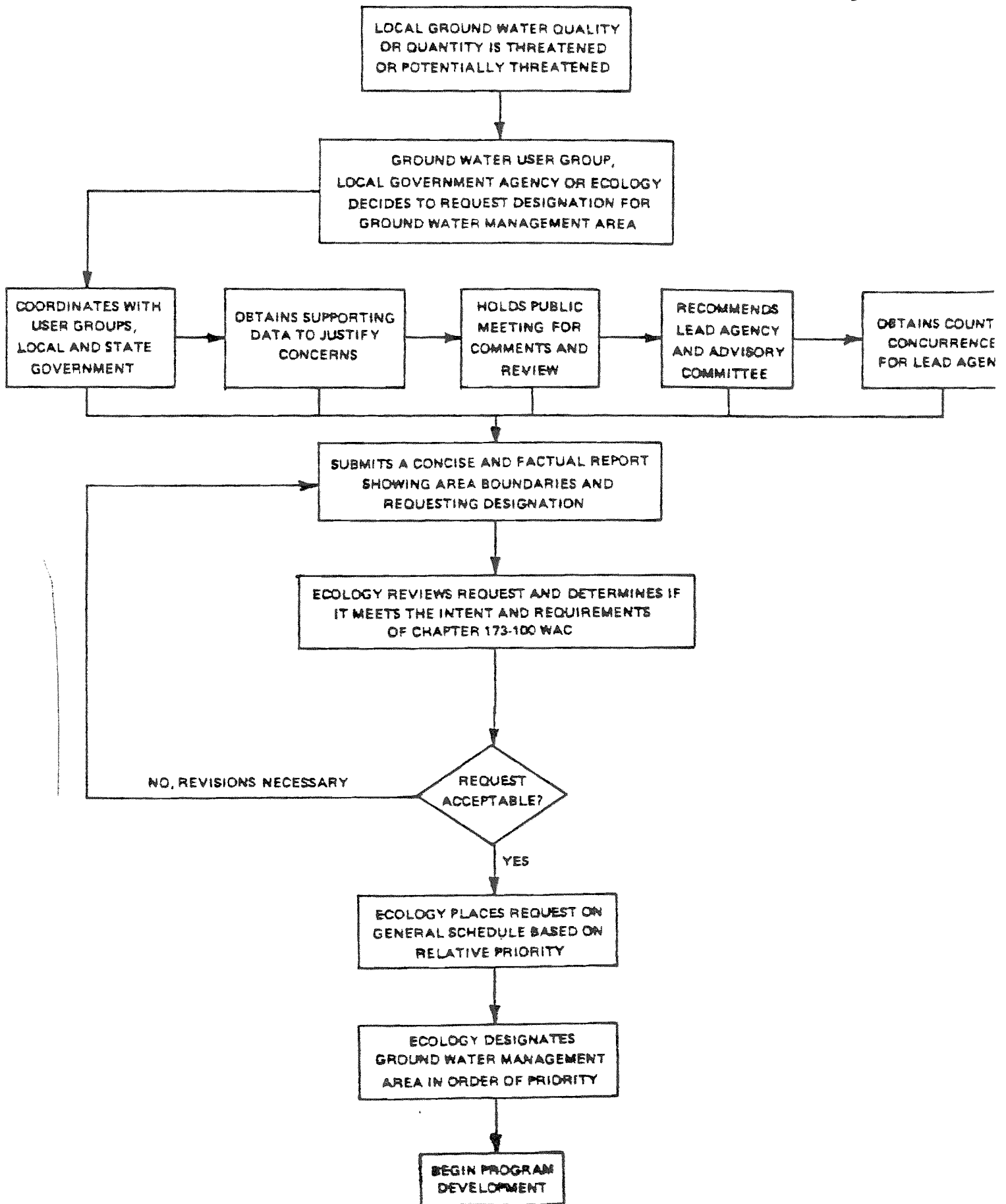
10 ATTEST:

11 Dorothy M. Owens
12 Clerk of the Council
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REQUEST FOR GROUND WATER MANAGEMENT AREA DESIGNATION

6841



6841

INTERLOCAL AGREEMENT
BETWEEN KING COUNTY
AND
THE CITY OF REDMOND
REGARDING REDMOND-BEAR CREEK VALLEY
GROUND WATER MANAGEMENT PROGRAM

WHEREAS, the City of Redmond has developed a designation request for a Ground Water Management Area (GWMA) under Chapter 173-100 WAC, and

WHEREAS, in a letter dated April 22, 1986, to the Department of Ecology (Ecology), the King County Executive outlined the assignment of lead agency roles for the development of a Ground Water Management Plan (GWMP), in accordance with Chapter 173-100.080 WAC. The assignment provides for King County to be responsible for coordinating activities between Ground Water Advisory Committees (GWAC) and to ensure the implementing of ordinances, regulations and programs for the GWMP within King County are consistent with adopted policies and ordinances of King County, and the other specific responsibilities of the lead agency attached to this interlocal agreement as Addendum B. The City of Redmond will be delegated the specific lead agency responsibilities attached in Addendum A, and

WHEREAS, King County and the City of Redmond recognize the opportunity and advantages of cooperative planning through Chapter 173-100 WAC for the Redmond-Bear Creek Valley which is partially under the King County's jurisdiction and partially within the City's Comprehensive Planning Area to provide long range protection of these ground water resources, and

WHEREAS, Ecology has identified the Seattle-King County Department of Public Health as the lead agency for coordinating the ground water management planning efforts throughout King County and as the contact with the City of Redmond regarding the Scope of Work as it relates to GWMP activities, and

WHEREAS, King County will also provide appropriate staff support and guidance in the development and implementation of County GWMP, consistent with Chapter 173-100 WAC and County policies, and

WHEREAS, the City of Redmond will also provide appropriate staff support and guidance in the development and implementation of this GWMP, consistent with Chapter 173-100 WAC, and City of Redmond policies.

Now, therefore, be it resolved: King County and the City of Redmond will each identify one individual to serve as liaison between the two parties on correlating the GWMP activities within the Redmond-Bear Creek Valley Area.

The City of Redmond and King County will be required to perform those tasks as identified in Addendum A and B respectively.

King County will provide three staff members to serve on the GWAC. The City of Redmond will provide three staff members to serve on the GWAC.

King County will serve as the applicant of record for the Ecology grant. City of Redmond will assist in the grant application.

King County and the City of Redmond will participate in a joint steering committee for the purposes of assisting in development of the proposed scope of work, and in preparing a grant application through King County to Ecology for funding assistance. The steering committee will assist King County in the management of the consultant contract and managing and authorizing expenditures from the budget for the GWMP preparation. This committee will provide a forum for the City of Redmond and King County to discuss issues and concerns raised at the GWAC meetings. The committee will be composed of King County's three representatives on the GWAC and Redmond's three representatives on the GWAC. Additionally, other staff from King County and the City of Redmond may participate at specific meetings as the need arises.

The consultant selection process, including requests for qualifications and requests for proposals, will follow the procedures used by King County for bidding and contract letting. King County, with the assistance of the joint steering committee, will develop the requests for qualifications and requests for proposals, and select the final consultant. The consultant selected will work with the respective staff of King County, the City of Redmond, and the GWAC in assembling the appropriate data, information, and work products specified in their contract with King County and identified in the Scope of Work for the GWMA.

In order for King County to apply for a grant application to Ecology for funding of this project, it will be necessary to obtain King County Council authorization of the proposed budget and Scope of Work. For the City of Redmond to participate in this project, it will be necessary to obtain the City of Redmond Council authorization of the proposed budget and Scope of Work.

Upon approval of the grant application by Ecology, and authorization of this Interlocal Agreement between King County and the City of Redmond by the respective King County and the City of Redmond councils, a project account in the public health pooling fund shall be established for the Redmond-Bear Creek Valley GWMA. This account shall be used for the deposit of Ecology grant money received, and for local match funds provided by King County and the City of Redmond.

The City of Redmond will be responsible for financing their portion of the local matching share for the Redmond-Bear Creek Valley GWMA as identified in the budget and Scope of Work for this project. The City of Redmond will transfer funds to the public health pooling fund within thirty (30) days of being billed by King County for their portion of on-going GWMP expenditures in the Redmond-Bear Creek Valley GWMA. The City of Redmond will provide funds only up to a maximum identified in their council approval of the Budget and Scope of Work for the Redmond-Bear Creek Valley GWMA except where the City of Redmond, King County and Ecology mutually agree to a grant amendment.

Any real or personal property purchased by King County for fulfillment of the Scope of Work for the Redmond-Bear Creek Valley GWMA shall be retained by King County (except where exempted below) for continuation of this or similar studies or surplus per Ecology grant guidelines and King County requirements. The City of Redmond shall retain use of a portion of the equipment purchased to carry out water quality and quantity monitoring to the extent of their percentage of financial contributions to this project. Additionally, the equipment is to be used to continue this or similar studies per Ecology grant guidelines. Otherwise the equipment shall be returned to King County or surplus per Ecology grant guidelines whichever is King County's preference.

King County will review the proposed GWMP and submit a Statement of Concurrence or a Statement of Non-Concurrence with this proposed GWMP prior to the plan being certified by Ecology.

The City of Redmond will review the proposed GWMP and submit a Statement of Concurrence or a Statement of Non-Concurrence with this proposed GWMP prior to the plan being certified by Ecology.

This agreement shall take effect 60 days after filing a copy of this agreement with the Washington State Department of Community Development and with the Secretary of State, and being signed by the parties below, and shall continue (if grant approval is obtained from Ecology for completion of the Scope of Work) until the GWMP is approved and adopted by all appropriate state and local agencies.

Dated this _____ day of _____, 198 ____.

Tim Hill, County Executive

Doreen Marchione, Mayor, City of Redmond

ADDENDUM A

The following specific responsibilities of the lead agency (King County) under Chapter 173-100 WAC will be delegated to the City of Redmond:

1. Prepare sub-area designation request to Ecology.
2. Develop detailed Scope of Work and budget in accordance with Chapter 173-100 WAC.
3. Prepare draft grant application for submittal through King County to Ecology.
4. Assist King County in obtaining approval of grant application by Ecology through submittal of necessary information, etc. as requested by Ecology.
5. Hold joint hearings with Ecology on the draft GWMP.

ADDENDUM B

The following specific responsibilities of the lead agency (King County) under Chapter 173-100 WAC will be retained by King County:

1. Prepare a list of recommended GWAC members for transmittal to Ecology.
2. Review and approve draft Scope of Work and budget.
3. Review, amend as necessary, and approve grant application to Ecology for completion of the Scope of Work. Submit grant application to Ecology.
4. Obtain approval of grant application by Ecology.
5. Schedule and coordinate GWAC meetings, including agendas. City of Redmond may add to agenda topics as needed.
6. Manage consultant and contract with consultant to assure work completion according to proposed Scope of Work, grant application requirements, and Chapter 173-100 WAC.
7. Prepare summary of consultant responses to GWAC comments and concerns in developing a GWMP.
8. Make threshold determination of environmental significance of the GWMP.
9. Prepare draft GWMP per Chapter 173-100 WAC and GWAC recommendations.
10. Hold joint hearings with Ecology on the draft GWMP.

REDMOND BEAR CREEK GROUND
PROJECT

TASK DESCRIPTION

| TASK DESCRIPTION | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|
| <u>1.0 PROJECT PLANNING AND MANAGEMENT</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 Intergovernmental Relations | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2 Public Involvement and Committee Liaison | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3 Work Program Management | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>2.0 RESOURCE MONITORING, DATA COLLECTION & ANALYSIS</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1 Data Collection and QA/QC Plan | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2 Area Characterization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.3 Computer Database | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.4 Resource Quantity Data Collection | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.5 Aquifer/Recharge Characteristics Data Collection | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.6 Water Quality Data Collection | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.7 Interim Report on Hydrogeologic Findings | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.8 Computer Modeling | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.9 Optional Studies | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.10 Report of Hydrogeologic Findings | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>3.0 GROUND WATER MANAGEMENT PROGRAM</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1 Problem Definition (land and water use issues) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.2 Goals, Objectives, Criteria | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.3 Alternative Management Strategies and Impacts | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.4 Recommended Management Strategy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.5 Implementation Plan | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.6 Draft Ground Water Management Program & DEIS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.7 Final Ground Water Management Program and FEIS | | | | | | | | | | | | | | | | | | | | | | | | | | |

LEGEND: M = Public Meeting T = Technical Meeting C = Commi

BUDGET SUMMARY -- GROUND WATER MANAGEMENT PROGRAM PLANNING ACTIVITIES
REDMOND BEAR CREEK

PHASE I: Program Administration Planning (Grant Application Process)

Task 1: Develop specific GWMP goals and objectives
Task 2: Prepare scope of work, schedule and budget
Task 3: Develop a project management / administration budget

PHASE II: Public Involvement Plan

| | |
|--|-----------|
| Task 1: Formulate and implement a public involvement plan | \$ 58,331 |
| Task 2: Submit three copies of the public involvement plan | \$ 898 |
| Task 3: Grant Project Management | \$ 10,325 |

PHASE II TOTAL \$ 69,554

PHASE III: Data Collection and Analyses

| | |
|---|------------|
| Task 1: Inventory land and water use activities | \$ 22,941 |
| Task 2: Review and compile existing ground water data | \$ 17,402 |
| Task 3: Develop data collection plan | \$ 3,989 |
| Task 4: Submit Data Collection Plan and QA Plan | \$ 1,970 |
| Task 5: Collect necessary data | \$ 116,395 |
| Task 6: Analyze data and submit copies of Phase III summary | \$ 48,974 |
| Task 7: Grant Project Management | \$ 8,000 |

PHASE III TOTAL \$ 219,671

PHASE IV: Development of Alternatives and Implementation Plan

| | |
|---|-----------|
| Task 1: Develop alternative management strategies | \$ 20,528 |
| Task 2: Develop an implementation plan | \$ 13,325 |
| Task 3: Prepare draft GWMP | \$ 14,567 |
| Task 4: Grant Project Management | \$ 7,999 |

PHASE IV TOTAL \$ 56,419

PHASE V: Public Review and Adoption

| | |
|---|-----------|
| Task 1: Coordinate State Environmental Policy Act Review | \$ 7,435 |
| Task 2: Prepare an EIS | \$ 27,159 |
| Task 3: DOE Public Hearing | \$ 10,252 |
| Task 4: Prepare final GWMP | \$ 3,849 |
| Task 5: After certification, submit lists of required actions | \$ 877 |
| Task 6: Grant Project Management | \$ 7,999 |

PHASE V TOTAL \$ 57,571

PHASES II, III, IV, & V TOTAL = \$ 403,215
INDIRECT COSTS = \$ 45,698

GRANT REQUEST TOTAL = \$ 448,913

REDMOND BEAR CREEK
GROUND WATER MANAGEMENT PROGRAM

PROJECT FUNDING

| Item | Source | Amount | Balance |
|------------------|--------------------|-------------------|---------------|
| Project Total | | | \$ 448,913 |
| 50% Grant | DOE | \$ 224,456.50 | \$224,456.50 |
| In-Kind Services | Redmond | \$ 80,160 | |
| | GWAC | \$ 17,940 | |
| | King County | \$ 9,235 | |
| | | <u>\$ 107,335</u> | \$ 117,121.50 |
| Indirect | King County Health | \$ 60,675 | \$ 56,446.50 |
| Local Match | Redmond | \$ 56,446.50 | \$ 0 |

BUDGET OUTLINE -- GROUND WATER MANA
 REDMOND B

| | Health | County | Redmond |
|--|--------|--------|---------|
| <u>PHASE I: Program Administration Planning</u> | | | |
| Task 1: Develop specific GWMP goals and objectives | | | |
| 1.1.2 Hold designation hearing | | | |
| 1.3.1 Prepare goals and objectives | | | |
| Task 2: Prepare GWMP scope of work, schedule & budget | | | |
| 1.3.2 Prepare detailed scope of work | | | |
| 1.3.3 Prepare detailed budget | | | |
| 1.3.4 Prepare grant application | | | |
| Task 3: Develop project management budget | | | |
| 1.3.3 Prepare a detailed budget | | | |
| <u>PHASE II: Public Involvement Planning</u> | | | |
| Task 1: Formulate/implement a public involvement plan | | | |
| 1.2.1 Prepare Public Involvement Plan | 861 | 103 | 600 |
| 1.2.2 Appoint ground water advisory committee | ---- | ---- | ---- |
| 1.2.3 Develop procedures for GWAC | 646 | ---- | 720 |

| | Health | County | Redmond |
|---|--------|--------|---------|
| PHASE II, Task 1 (cont'd) | | | |
| 1.2.4 Orient members to GWAC responsibilities | 646 | ---- | 240 |
| 1.2.5 Schedule and coordinate committee meetings | 12922 | 3877 | 9600 |
| 2.7.4 Prepare and distribute Interim Report | 431 | | |
| 2.7.5 Conduct public meetings on Interim Report | 861 | ---- | 240 |
| 2.9(4) Public education | 431 | ---- | 1200 |
| 3.3.5 Conduct public meeting on impacts | 861 | ---- | 240 |
| 3.6.4 Present draft program at public hearing | 215 | ---- | 240 |
| Task 2: Submit copies of the public involvement plan | | | |
| 1.2.1(4) Submit three copies | 431 | ---- | 120 |
| Task 3: Grant Project Management | 4738 | 927 | 3360 |
| <u>PHASE III: Data Collection and Analyses</u> | | | |
| Task 1: Inventory land and water use activities | 108 | ---- | 240 |
| 2.2.1(1) Prepare map delineating GWMA boundaries | 215 | 103 | 240 |
| 2.2.1(2) Identify land and water use authorities | 1292 | 206 | 2880 |
| 2.6.1 Identify sources of potential contamination | 647 | 103 | 720 |
| 3.1.1(1) Identify, map and document activities | 646 | | 720 |
| 3.1.1(2) Define extent of problems | | | |
| 3.1.1(3) Define potential water use issues | 646 | 103 | 480 |

PHASE III, Task 1 (cont'd)

| Health | County | Redmo |
|--------|--------|-------|
| 215 | | 480 |
| 1076 | 206 | 1200 |
| | | |
| 215 | --- | --- |
| --- | --- | --- |
| 108 | --- | 240 |
| | --- | 960 |
| 431 | --- | 720 |
| 215 | --- | 720 |
| 861 | --- | 240 |
| | | |
| --- | --- | --- |
| 861 | 206 | 480 |
| --- | --- | --- |
| | | |
| 215 | --- | --- |

3.1.1(5) Map and document problem areas

3.1.1(6) Identify land and water use plans

Task 2: Review and compile existing ground water data

2.2.1(3) Describe generally the GMP locale

2.2.1(4) Describe the area's hydrogeology

2.2.1(5) Prepare and distribute report

2.2.1(6) Review and comment

2.4.1(1) Collect available data on ground water

2.4.3 Determine current/historical ground water use

2.4.4 Project future supply needs

2.6.3 Establish background water quality

Task 3: Develop data collection plan

2.1.1(1) Determine data collection needs

2.1.1 Prepare Data Collection Plan and QA/QC Plan

3.1.1(4) Define areas with insufficient data

Task 4: Submit Data Collection Plan and QA Plan

2.1.2 Submit Data Collection and QA/QC Plans

| Health | County | Rede |
|--------|--------|------|
| 431 | | 2 |
| --- | | |
| 646 | 103 | 7 |
| 431 | --- | 2 |
| --- | --- | 57 |
| --- | | 40 |
| --- | | 12 |
| --- | | |
| 1938 | | 24 |
| 431 | --- | 48 |
| 861 | | 12 |
| | | |
| 215 | | |
| 215 | --- | 2 |

PHASE III, Task 4 (cont'd)

2.1.3 Participate in review meeting as required

2.1.4 Re-adjust plan per DOE

Task 5: Collect necessary data

2.3.1 Define database

2.3.2 Develop/coordinate database report formats

2.4.1(2) Monitor precipitation

2.4.1(3) Review and comment

2.4.1(4) Monitor ground water level

2.4.1(5) Enter data into database

2.5 Aquifer/recharge data collection

2.6.4 Monitor surface and ground water quality

2.9 Optional studies

Task 6: Analyze data and submit copies of summary

2.4.1(6) Calculate evapotranspiration

2.4.1(7) Calculate recharge quantities

2.4.1(8) Prepare and distribute report

2.4.1(9) Review and comment

2.4.2 Determine recoverable ground water

| | Health | County |
|--|--------|--------|
| PHASE III, Task 6 (cont'd) | | |
| 2.6.7 Evaluate water resource vulnerability | 646 | 4 |
| 2.7.1 Analyze hydrogeologic water quality data | 431 | 4 |
| 2.7.2 Define planning parameters | 1077 | 9 |
| 2.7.3 Compile references and location methods | 215 | 2 |
| 2.8.1 Select appropriate computer model | 646 | 4 |
| 2.8.2 Delineate model parameters | 431 | 4 |
| 2.8.3 Verify and test model | 108 | 2 |
| 2.8.4 Apply model to GdMP database | | |
| 3.2.1 Refine goals and objectives | 1508 | 206 |
| Task 7: Grant Project Management | 5600 | 3 |
| PHASE IV: Development of Alternatives and Implementation Plan | | |
| Task 1: Develop alternative management strategies | | |
| 3.2.2 Establish criteria for GdMP | 1292 | 206 |
| 3.3.1 Define alternate strategies | 2584 | 206 |
| 3.3.3 Analyze impacts | 861 | 103 |
| 3.3.4 Evaluate alternatives | 861 | 206 |
| 3.4.1 Rank alternate management strategies | 1292 | 206 |
| 3.4.2 Select recommended strategies | 1077 | 206 |

| Health | County | Re |
|--------|--------|----|
| 2154 | 412 | |
| 4307 | 412 | |
| 646 | 206 | |
| 861 | --- | |
| 5599 | | |
| 861 | 103 | |
| 3230 | 206 | |
| 861 | 206 | |
| 862 | | |
| 431 | | |
| 1077 | | |

PHASE IV (cont'd)

Task 2: Develop an Implementation Plan

3.5.1 Develop implementation actions and schedule

3.5.2 Prepare model ordinances and policies

Task 3: Prepare draft GWMP

2.10.1 Prepare final hydrogeological report

3.6.1 Prepare draft GWMP

Task 4: Grant Project Management

PHASE V: Public Review and Adoption

Task 1: Coordinate State Environmental Policy Act Review

3.3.2 Assess impacts on environment

3.6.2 Complete Scoping Process for DEIS

Task 2: Prepare an EIS

3.6.3 Analyze environmental impact (prepare DEIS

3.6.4 Hold public hearing

3.7.4 Prepare and distribute Final EIS

Task 3: DOE Public Hearing

3.7.1 Consolidate findings on Draft EIS

PHASE V, Task 3 (cont'd)

3.7.2 Resolve conflicts

Task 4: Prepare final GWMP

3.7.3 Prepare and distribute final GWMP

3.7.5 Submit final GWMP to DDE for certification

Task 5: After certification, submit lists of actions

3.7.6 Submit list of implementing actions

Task 6: Grant Project Management

* copy and graphic charges

+ 10 wells sampled quarterly for 1 3/4 years for Program A, \$14,000

5 municipal wells (Perthand) sampled quarterly for VOAS for 2 years, \$15,600

| Health | County | Redn |
|--------|--------|------|
| 2154 | 206 | 966 |
| 431 | | 240 |
| 215 | | |
| 431 | 206 | 240 |
| 5599 | | 320 |

TOTALS 84,310 9,233 68,16