

City of Florence

Public Works Department

250 Hwy 101 North
Florence, Oregon 97439
Public Works: (541) 997-4106
FAX: (541) 902-1333

August 28, 2008

Bob Rice
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301

Re: City of Florence Water Conservation Grant Application

Dear Bob:

On behalf of the City of Florence, I am pleased to submit our attached 2008 Water Conservation Grant application in order to help develop the best possible Water Management and Conservation Plan (WMCP) for the City. I believe that the City of Florence is unique with its sole source aquifer and the challenges that we face with fully developing our water permits. The City views the WMCP process as a critical opportunity to thoroughly research and identify the most effective and efficient means of pursuing water conservation.

As a water professional with 24 years of experience, I have seen the benefits and the results of having a robust and comprehensive WMCP. Since the City must rely heavily on conservation, in addition to new water sources, to meet growing demands we intend for the WMCP to provide direct and daily assistance as the City engages in careful management of our most precious resource.

Thank you in advance for considering our project.

Sincerely,

Mike Miller
Public Works Director

RECEIVED

SEP 02 2008

WATER RESOURCES DEPT
SALEM, OREGON





GC0017 09

OREGON WATER RESOURCE DEPARTMENT
WATER CONSERVATION, REUSE AND STORAGE
GRANT PROGRAM

RECEIVED

SEP 02 2008

WATER RESOURCES DEPT
SALEM, OREGON

Project Name: City of Florence Water Management and Conservation Plan

Type of Grant Requested: [X] Water Conservation [] Reuse [] Above Ground Storage
[] Storage Other Than Above-Ground [Including Aquifer Storage and Recovery (ASR)]

Program Funding Dollars Requested: \$ 20,000 Total cost of planning study: \$ 40,000
Note: Request may not exceed \$500,000

Table with 2 columns: Applicant Name: City of Florence, Co-Applicant Name: (blank), Organization, Address, Phone, Fax, Email.

Table with 2 columns: Fiscal Officer Name: David Armstrong, Finance Director, Principle Contact: Mike Miller, Public Works Director, Organization, Address, Phone, Fax, Email.

Certification:

I certify that this application is a true and accurate representation of the proposed work for a project planning study and that I am authorized to sign as the Applicant or Co-Applicant. By the following signature, the Applicant certifies that they are aware of the requirements of an Oregon Water Resources Department grant and are prepared to implement the project if awarded.

Applicant Signature: [Signature] Date: 8/28/2008
Print Name: Mike Miller Title: Public Works Director

Please give a brief summary of the planning study using no more than 150 words.
The City of Florence requests a \$20,000 Water Conservation Grant to help fund preparation of the best possible Water Management and Conservation Plan (WMCP) for the City, pursuant to Oregon Administrative Rules Chapter 690, Division 86. The City's water demand will likely exceed its water supply by 2010, and treatment capacity by 2011. Although many municipalities are required to prepare WMCPs, the City views the WMCP process as a critical opportunity to thoroughly research and identify the most effective and efficient means of pursuing water conservation. The City must rely heavily on conservation, in addition to new water sources, to meet growing demand. The City intends that the WMCP will be of direct, daily assistance as the City engages in careful management of its water supply, water system, and water use. Such a WMCP will greatly assist this community in meeting its water needs in the most efficient manner.

IV. Grant Specifics

Section A. Common Criteria

Instructions: Answer all questions in this section by typing the answer below the question. It is anticipated that completed applications will result in additional pages.

1. Describe how the planning study will be performed. Include:

- a. A description of the planning schedule/timeline, which includes identifying all key tasks. (Section VI provides an opportunity for a “graphical” representation of the schedule.)

The City of Florence will issue a Request for Proposals (RFP) to solicit bids from various consulting companies to prepare the WMCP. For purposes of this grant application, the City will refer to the entity that will prepare the WMCP as the "Consultant." Since the City has not issued the RFP, the City has not yet identified the Consultant.

The City's Permit G-15056 requires the City to submit a WMCP to the Oregon Water Resources Department (OWRD). The current deadline for submission of the WMCP is September 19, 2009. Preparation of the WMCP would likely begin in January, 2009, providing sufficient time to meet the September 19, 2009 deadline.

The City anticipates that preparation of the WMCP will include the following key tasks. First, the Consultant, in cooperation with the City, will review and update existing information concerning the City's existing water users, water rights, near-term water supply, and water treatment capabilities. Second, the Consultant will review and update projections for when the capacity of the existing well field, drinking water treatment plant, and water rights may be exceeded by growing demand. Third, the Consultant will identify and update options to increase production from the current well field and make recommendations for maximizing and securing the City's water rights. Fourth, the Consultant will conduct research and identify options for maximizing water efficiency and conservation opportunities within the community that make sense for the City's water use patterns and that can be a critical part of helping to meet current and future municipal water demand. Fifth, the Consultant will draft the WMCP document, addressing all elements required by OAR Chapter 690 Division 86 including, but not limited to, water supplier description and assessment, customer classes and tourism, water demand forecasting, water supply forecasting, conservation plan, and water curtailment plan. The City anticipates that the WMCP will be submitted shortly prior to the current deadline of September 19, 2009.

- b. When the planning study could begin.

Permit G-15056 requires the City to submit a WMCP to the Oregon Water Resources Department (OWRD). The current deadline for submission of the WMCP is September 19, 2009. It is anticipated that the Consultant would commence work on the WMCP immediately upon contracting with the City and receiving notice to proceed.

2. Provide a description of the relevant professional qualifications and/or experience of the person(s) that will play key roles in performing the planning study. If the personnel have not been decided upon, include a description of the professional qualifications and/or experience of the person(s) you anticipate will play key roles in performing the planning study.

The City will issue a Request for Proposals (RFP) to solicit bids from various consulting companies to prepare the WMCP. The Consultant to be selected by the City will have substantial experience and technical expertise in water system planning, management, water rights and

conservation, and will have a strong track record of preparing successful municipal WMCPs in Oregon. The City anticipates that the Consulting team may include engineers and specialists in geographic information systems, project management, water resources, and water conservation, and other highly qualified natural resource specialists who are familiar with the process of preparing WMCPs in Oregon. The grant funds sought herein will assist the City in being able to retain the most qualified Consultant, and thereby have the highest likelihood of developing an outstanding WMCP customized for the needs and attributes of this community.

3. What local, state or federal project permitting requirements/issues do you anticipate in order for the planning study to be conducted?

No local, state, or federal project permitting requirements/issues are anticipated in order for this planning study to be conducted.

4. Are permits/governmental approvals required for the planning study? If yes, indicate whether you have obtained the necessary permits/governmental approval. If you have not obtained the necessary permits/governmental approval, describe the steps you have taken to obtain them.

No.

5. Describe your goal (which must be based on evaluating the feasibility of developing a water conservation, reuse or storage project) and how this study helps to achieve the goal.

The City of Florence's goal, based on the WMCP, is to meet its current and future water supply needs in the manner best calculated to maximize water use efficiency and conservation. The conservation measures that will be identified and evaluated in the WMCP will inform the City's efforts to maximize the efficient use of its water supply as it works to meet growing municipal demand. The implementation of conservation measures can reduce reliance on the City's dunal aquifer groundwater source and provide for future needs for economic development and growth. The City is confident that the grant funds requested for this project, and the subsequent WMCP, will directly and greatly assist the City in reaching its stated goals.

6. Describe the technical aspects of the planning study and why your approaches are appropriate for accomplishing the goal of the planning study.

As explained above, the City will issue a Request for Proposals (RFP) to solicit bids from various consulting companies to prepare the WMCP. Since the RFP has not been issued, the City does not yet have any bids from Consultants. The City will require Consultants responding to the RFP to describe the technical aspects of preparing a WMCP, and why those approaches are appropriate for accomplishing the goals set forth by the City and for meeting the requirements of OAR Chapter 690 Division 86. The Consultant selected by the City will have demonstrated in their proposal that their technical methodology for preparing WMCPs in Oregon has been highly successful in the past, and that those methodologies would also be appropriate for their preparation of a WMCP for the City of Florence. This will ensure that the technical aspects of the planning study to be performed by the Consultant will be appropriate for accomplishing the City's goals for the WMCP.

7. Describe the level of involvement, interest and/or commitment of different entities associated with the planning study (attach letters of support). Describe how these entities will benefit or be impacted by the planning study.

This project will directly benefit the entire City of Florence and the water resources that are present in the area. The City has included a Joint Letter of Support from external entities, which is Attachment 1 to this grant application. The Joint Letter of Support demonstrates that other entities surrounding the City of Florence recognize the necessity of wise long-term water supply and conservation planning. Those external entities clearly encourage the City of Florence to pursue the best possible WMCP in order to maximize the identification, evaluation, and implementation of robust efficiency and conservation measures as part of the prudent management of water resources by the City of Florence.

Regional cooperation will improve water management and help to facilitate implementation of conservation measures. Each water user in the area needs support from its own community in order to identify and implement effective conservation measures. To the extent that surrounding communities and other entities are leading by example with strong conservation programs, it helps those other entities make the case to their constituencies that aggressive conservation is appropriate, highly beneficial, and must be pursued in their own community as well. Over time, this mutual support for conservation will result in much higher levels of conservation in the local area and throughout the region.

Section B. Unique Criteria

Instructions: Answer the set of questions below that applies to the type of planning study that this grant will fund.

Water Conservation or **Reuse**

1. Water Conservation or Reuse projects that may result from this planning study are requested to be included in the Water Resources Department's "Inventory of Potential Conservation Opportunities". Though you may have already submitted this information earlier in the year through a separate survey, we ask that all applicants complete the information on the form provided at the end of this application.
 I have filled out the application or I have not filled out the application.

2. Describe the water supply need(s) that the project associated with the planning study is intended to meet. Applicant should reference supporting documentation that would be available upon request.

According to a 2008 Near Term Water Supply Technical Memorandum, the City of Florence's municipal water demand will likely exceed its current firm developed water supply capacity by 2010, and current treatment capacity by 2011. These are the immediate issues faced by the City. Aggressive conservation must be utilized to extend the City's water supply. The 2008 Water Right Technical Memorandum is available upon request by OWRD.

The City holds four water rights totaling 6.69 cubic feet per second (cfs) or 4.3 million gallons per day (mgd). Of these water rights, three are for the use of ground water totaling 5.89 cfs (3.8 mgd) and one is for the use of 0.8 cfs (0.5 mgd) of surface water. The City's three ground water rights for 5.89 cfs (3.8 mgd) are evidenced by a certificate (Certificate 81398), a final order following a transfer of Certificate 50606 (T-9301), and a permit (G-15056). The City's surface water right is evidenced by a certificate (Certificate 32115), which authorizes the use of up to 0.8 cfs (0.5 mgd) of surface water from Munsel Creek for municipal use. Water from Munsel Creek contains elevated levels of iron, and the City has not appropriated water from that source for a number of years.

Water diverted under all of the City's ground water rights is treated at the City's drinking water treatment plant. The plant currently has a capacity of 4.6 cfs (3 mgd). This capacity is 1.24 cfs (0.8 mgd) less than the full face value of the City's existing ground water rights described above. Based on field observations, the current production capacity of the City's wells is insufficient to produce the full rate of 3.8 mgd authorized by the City's ground water rights. Observations of the City's well field production in August 2007 indicate that during dry months of the year wells 1 through 12 currently cannot produce more than 4.2 cfs (2.7 mgd). This rate is 1.69 cfs (1.1 mgd) less than the full rate authorized by the City's three ground water rights.

The following facts and assumptions were used in developing the City's near-term water supply/demand projections:

- *The City's existing ground water rights total 3.8 mgd. In the near-term, the City will not use its surface water right for a potable municipal water supply.*
- *The City's current well field production capacity is 2.7 mgd during the dry summer months.*
- *Expansion of the drinking water treatment plant from 3.0 mgd to 4.0 mgd is feasible, which will provide a capacity sufficient to treat a quantity of water equal to the full face value of the City's ground water rights.*

The City's estimated population was 8,270 in 2006. During that year, the City produced a total of almost 449 million gallons of water. For the purposes of the near-term projections

below, the amount of water produced is assumed to equal the City's water demand. During the highest water use month of July, the average daily demand (ADD) was approximately 2.0 mgd with an estimated maximum day demand (MDD) of 2.6 mgd. For planning purposes, the City anticipates an average annual population growth rate of 3.5 percent. Information provided by the City indicates that water production/demand has also grown, but at a slower rate than the projected 3.5 percent rate of population increase.

The expected average rate of increase in water demand during the highest demand months is 2.9 percent. This rate was calculated using the method described below, which assumes no constraints to increased demand, such as well production capacity or drinking water treatment capacity limitations. Assuming a steadily increasing water demand of 2.9 percent annually, the City's MDD could exceed the current well field production capacity of 2.7 mgd within the next two years, and could exceed the City's drinking water treatment plant capacity by 2011.

Further, the MDD during a maximum-demand month is projected to exceed the maximum rate of diversion authorized by the City's ground water rights (3.8 mgd) in 2020. Thus, aggressive conservation measures, as will be identified in the WMCP, are crucial for the City to make the most prudent and efficient use of water as the City grows.

3. Explain how the associated project will mitigate the need to develop new water supplies and/or use water more efficiently. Reference documentation and/or examples of the success of similar or comparable water conservation/reuse projects that would be available upon request.

Conservation and efficiency measures that will be researched, identified, and evaluated in the WMCP will, upon implementation, reduce the water demand faced by the City and thereby help to reduce or delay the need to develop new water supplies. This is a direct benefit of conservation, which the City intends to maximize through preparation of the best possible WMCP addressing the particular needs and attributes of this community.

4. Explain how the project associated with the planning study will meet the water supply need(s), and indicate what percentage of that need will be met. (For example: If your water supply need is 20,000 acre-feet of additional water and the project will supply 10,000 additional acre-feet, 50% of your need will be met).

The exact amount of conservation that will occur based on measures identified in the WMCP is not known at this time, since the WMCP has not yet been prepared or implemented. Therefore, the City cannot provide a percentage, as requested in this question. The OWRD has copies of WMCPs submitted by other municipalities in Oregon. Although those other WMCPs do not apply specifically to the City of Florence, they illustrate that conservation measures can have a significant reduction in municipal water demand and are a critical part of wise management of municipal water systems. The City anticipates that the efficiency and conservation measures that will be identified in the WMCP will be similar to measures contained in other WMCPs and that other cities have successfully implemented. Based on the broad range of conservation that has resulted from WMCPs in Oregon over the years, the City of Florence can reasonably expect that the potential benefits of increased conservation will be substantial. This is precisely why the City seeks grant funds to help support preparation of the best possible WMCP for the City.

5. Provide data and information on the associated project and the project's sources of water supply:
 - a. The location of the associated project. (Include the basin, county, township, range and section.)

The WMCP will address water supply, use, and conservation throughout the City of Florence, which is located in western Lane County, Oregon, within Township 18 S, Range 12 W, in

the Mid-Coast Basin. The City has included a map, which is Attachment 2 to this grant application. The map identifies the location of the City's wells, storage tanks, surface water point of diversion, water treatment plant, and other features.

- b. The name(s) and river mile(s) of the source water and what they are tributary to, if applicable.

As noted above, the City of Florence has a number of wells, which are not tributary to other water bodies and are not associated with river miles. The City has one surface water right evidenced by Certificate 32115, which authorizes the use of up to 0.8 cfs (0.5 mgd) of surface water from Munsel Creek for municipal use. The certificate has a priority date of August 6, 1948. The point of diversion for this water right is over a mile downstream from the City's water treatment plant, and is approximately 0.25 mile upstream from the Siuslaw River. Munsel Creek is tributary to the Siuslaw River. The City does not currently divert water from Munsel Creek.

- c. Environmental flow needs and water quality requirements of supply source water bodies and water bodies downstream of associated and/or affected return flows.

The City of Florence obtains its water from groundwater sources. As described above, the City has a surface water right on Munsel Creek, but does not currently divert water from this source. Water in Munsel Creek contains elevated levels of iron.

The Oregon Department of Environmental Quality (ODEQ) has produced some reports concerning water quality in this general area. Those reports include the "Oregon Water Quality Index Summary Report 1997-2006 (<http://www.deq.state.or.us/lab/wqm/docs/OWQISummary06.pdf>). ODEQ's web page also indicates that a TMDL has been initiated in the Siuslaw Sub-Basin, and that process is in the initial scoping and data collection phase. The City of Florence may or may not agree with information contained in the aforementioned ODEQ reports, but they are existing sources of information that include some discussion of water quality in the general area.

- d. Reliance on return flows by downstream water right holders.

The City of Florence has not identified any downstream water right holders that rely on return flows from the City. The City is located along the Siuslaw River adjacent to the Pacific Ocean. The conservation and curtailment measures that will be identified in the WMCP and implemented by the City will reduce the amount of water that is consumed in the City relative to water use levels without such conservation measures. The City does not anticipate that conservation measures will reduce any return flows or adversely affect any downstream water right holders.

V. Match Funding Information

Applicants must demonstrate a minimum dollar-for-dollar match based on the total funding request. The match may include a) secured resources, b) previously expended resources, and/or c) pending resources. For secured funding, you must attach a letter of support from the match funding source that specially mentions the dollar amount shown in the "Amount/Dollar Value" column. For pending resources, documentation showing a request for the matching funds must accompany the application. For resources that have been previously expended, the expenditure must have occurred on or after July 1, 2005. Resources expended prior to July 1, 2005 are not eligible for match purposes.

The Type of matching funds may include:	The Status of matching funds may include:
<ul style="list-style-type: none"> The value of in-kind labor, equipment rental and materials essential to the planning study provided by the applicant or partner*. 	<ul style="list-style-type: none"> Secured funding commitments from other sources.
<ul style="list-style-type: none"> Cash is direct expenditures made in support of the planning study by the applicant. 	<ul style="list-style-type: none"> Associated and documented expenditures for the planning study from non-program sources incurred on or after July 1, 2005.
	<ul style="list-style-type: none"> Pending commitments of funding from other sources. In such instances, Department funding will not be released prior to securing a commitment of the funds from other sources. Pending commitments of the funding must be secured within 12 months from the date of the award.

*"Partner" means a non-governmental or governmental person or entity that has committed funding, expertise, materials, labor, or other assistance to a proposed planning study. OAR 690-600-0010.

Match Funding Source (if in-kind, briefly describe the nature of the contribution)	Type (✓ One)	Status (✓ One)	Amount/ Dollar Value	Date Match Funds Available (Month/Year)
<i>Funds allocated within the City's 2008-2009 budget to retain a Consultant to prepare a Water Management and Conservation Plan.</i>	<input checked="" type="checkbox"/> cash <input type="checkbox"/> in kind	<input checked="" type="checkbox"/> secured <input type="checkbox"/> expended <input type="checkbox"/> pending	\$20,000	July 08
	<input type="checkbox"/> cash <input type="checkbox"/> in kind	<input type="checkbox"/> secured <input type="checkbox"/> expended <input type="checkbox"/> pending		
	<input type="checkbox"/> cash <input type="checkbox"/> in kind	<input type="checkbox"/> secured <input type="checkbox"/> expended <input type="checkbox"/> pending		
	<input type="checkbox"/> cash <input type="checkbox"/> in kind	<input type="checkbox"/> secured <input type="checkbox"/> expended <input type="checkbox"/> pending		
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	<input type="checkbox"/> cash <input type="checkbox"/> in kind	<input type="checkbox"/> secured <input type="checkbox"/> expended <input type="checkbox"/> pending		
	<input type="checkbox"/> cash <input type="checkbox"/> in kind	<input type="checkbox"/> secured <input type="checkbox"/> expended <input type="checkbox"/> pending		

VII. Project Planning Study Budget

Section A

Please provide an estimated line item budget for the project planning study. An example would include: labor, materials, equipment, contractual services and administrative costs.

Line Items <i>Note: Administrative costs may not exceed 10% of the total funding requested by the Department.</i>	Unit Number (e.g. # of hours)	Unit Cost (e.g. hourly rate)	In-Kind Match	Cash Match Funds	OWRD Grant Funds	Total Cost	
<i>As described above, the City has not yet selected the Consultant that will prepare the WMCP. The City is requesting \$20,000 in grant funds and has at least \$20,000 in match funds. The total project budget is at least \$40,000. The City does not have a breakdown of hourly rate information, materials, equipment, or administrative costs at this time. However, the City is planning on spending a total of at least \$40,000 on "Consulting Services" to accomplish its goals for preparation of the WMCP.</i>				\$20,000	\$20,000	\$40,000	
Administrative Costs							
Total for Section A					\$20,000	\$20,000	\$40,000
Percentage for Section A					50%	50%	100%

Section B

If Grant amount requested is \$50,000 or greater, you **MUST** complete Section B. Elements (key tasks) in Section B should be the same as the elements (key tasks) in Section VI (Project Planning Study Schedule).

Request to be added to the Oregon Water Resources Department's
Inventory of Potential Conservation Opportunities

The purpose of this inventory is to catalogue potential conservation projects that water users themselves have identified but not yet pursued because of financial, institutional, or other barriers. For the purpose of this application, water storage other than above-ground are included as conservation opportunities and are most likely capital conservation projects.

As a water provider or user, you know your water demands and water conservation opportunities better than anyone. We would appreciate your assistance with this important data collection effort by completing this survey. Your participation will help provide the building blocks we need to begin to identify and achieve potential future water supplies. Please answer the questions as completely as possible, to the best of your ability. We appreciate your help with this important effort.

This inventory of already-identified, potential conservation projects includes both capital and programmatic projects. Capital projects are defined as one-time, large investments resulting in water savings. Examples include reclaimed water plants, reservoir covering, transmission line upgrades reducing leaks, or industrial engineering modifications to re-use process water. Programmatic projects are defined as ongoing investments resulting in water savings. Examples include facilitating upgrades to more efficient water using devices (e.g., distributing free showerheads, toilet rebates) and distribution system leak detection programs. The conservation inventory is primarily intended to include “planned” projects rather than projects that are currently being implemented. However, currently active programmatic projects may be listed if they will continue or expand in future years. The inventory of projects submitted will be compiled by county or basin.

Examples are provided below.

	Example Capital Conservation Project	Example Programmatic Conservation Project
Project Description Provide brief sentence	Line 3 miles of unlined ditch.	Toilet rebate program for residential customers
Estimated Future Savings Provide brief sentence, including information regarding savings seasonality.	20 acre feet of water per year	If we spend our full budget each year, we estimate 50,000 gallons of water save per year
Seasonality Indicate what part of the year savings are generated (e.g. year-round; summer only; etc.).	Peak (irrigation) season savings.	Savings should occur throughout the year.
Estimated Future Costs Provide brief sentence.	\$500,000 total project costs.	\$40,000 a year.
Implementation Schedule Provide brief sentence.	Not set. Have conducted cost and savings estimate, but still seeking funding.	We started the program in 2005 and plan to implement until 2015.
Project Funded? Designate either “yes”, “no”, or provide brief sentence if necessary	No. Pursuing grant funding.	Yes. IN our CIP through the next 5 years.

To add a project to the inventory of potential conservation opportunities, please provide the following information for each conservation project.

This is a <input checked="" type="checkbox"/> Capital Conservation Project <input checked="" type="checkbox"/> Programmatic Conservation Project	
Project #/Name	City of Florence Water Management and Conservation Plan
Project Description	The City of Florence has requested a \$20,000 Water Conservation Grant to help fund preparation of the best possible Water Management and Conservation Plan (WMCP) customized for the needs and attributes of the City, pursuant to Oregon Administrative Rules Chapter 690, Division 86. The City's water demand will likely exceed its current water supply by 2010, and current treatment capacity by 2011. The City views the WMCP process as a critical opportunity to thoroughly research and identify the most effective and efficient means of pursuing water conservation. The City must rely heavily on conservation, in addition to new water sources, to meet growing demand. The City intends that the WMCP will be of direct, daily assistance as the City engages in careful management of its water supply, water system, and water use. Such a WMCP will greatly assist this community in meeting its water needs in the most efficient manner.
Estimated Future Savings	Unknown at this time.
Seasonality	Annual.
Estimated Future Costs	Unknown at this time.
Implementation Schedule	Unknown at this time.
What are the barriers to implementation, e.g. funding?	Funding. Any permitting that may be required to implement substantive elements of the WMCP.
This is a <input type="checkbox"/> Capital Conservation Project <input type="checkbox"/> Programmatic Conservation Project	
Project #/Name	
Project Description	
Estimated Future Savings	
Seasonality	
Estimated Future Costs	
Implementation Schedule	
What are the barriers to implementation, e.g. funding?	

- Include this form with your application -

**ATTACHMENT 1 – JOINT LETTER OF SUPPORT
CITY OF FLORENCE SB 1069 GRANT APPLICATION**

**JOINT LETTER OF SUPPORT FOR THE CITY OF FLORENCE'S
CONSERVATION GRANT APPLICATION TO HELP FUND DEVELOPMENT
OF A WATER MANAGEMENT AND CONSERVATION PLAN**

We, the undersigned, wish to jointly express our strong support for the City of Florence's application to the Oregon Water Resources Department for a Water Conservation Grant to help fund preparation of the best possible Water Management and Conservation Plan (WMCP) for the City under Oregon Administrative Rules Chapter 690 Division 86.

We are stakeholders in the Mid-Coast Basin and are deeply committed to the wise long-term management of the area's water resources. We encourage all water users in the area to undertake robust conservation measures to help sustain water resources in this area. The funding requested by the City of Florence will help it to afford the most highly qualified consulting firm to prepare the WMCP.

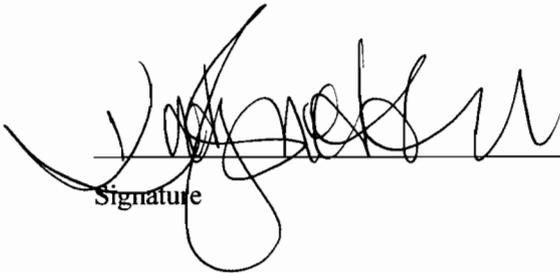
The City of Florence's WMCP will comprehensively examine its existing and future water sources and supply needs, analyze options to best configure its water system infrastructure and water rights to meet growing demand, and identify a robust portfolio of opportunities to maximize conservation and prudent utilization of water resources. The overall goal is to meet the City's water supply needs in the most efficient manner possible.

We all know that resource users must be wise resource stewards in order to sustain both the user and the resource over time. Water is a crucial resource in the Mid-Coast Basin, and it is incumbent on the City of Florence, as a significant water user, to thoroughly examine options for meeting growing demand in the most efficient and conservation-minded manner over the long-term. This is the essence of the conservation project that the City of Florence is undertaking.

Each individual and entity that has signed this letter reserves the right to participate fully in the public process associated with submission and review this WMCP, and may or may not support specific recommendations reached in the WMCP. Nonetheless, we strongly believe that the City of Florence must undertake this type of water conservation planning. As the community grows, it is essential that the City of Florence aggressively pursues the most prudent management of its water resources. By integrating efficiency and conservation so thoroughly into its water supply planning efforts, the City will uphold its responsibility to its residents and user groups as well as the natural environment for many years to come.

We are confident that the grant funds requested by the City, and the resulting Water Management and Conservation Plan, will directly and substantially assist the City in meeting these important goals, and will have benefits to the entire area including fostering additional conservation by other water users. Therefore, we are pleased to support this important conservation project and the associated grant application.

**SIGNATURE PAGE FOR THE
JOINT LETTER OF SUPPORT FOR THE CITY OF FLORENCE'S
CONSERVATION GRANT APPLICATION TO HELP FUND DEVELOPMENT OF A
WATER MANAGEMENT AND CONSERVATION PLAN**



Signature

Kady Sneadon

Print Name of Person Signing

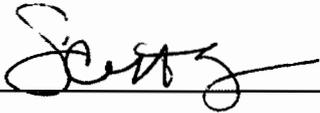
Florence Area Chamber of Commerce

Print Name of Organization or Entity, if Applicable

8/26/08

Date

**SIGNATURE PAGE FOR THE
JOINT LETTER OF SUPPORT FOR THE CITY OF FLORENCE'S
CONSERVATION GRANT APPLICATION TO HELP FUND DEVELOPMENT OF A
WATER MANAGEMENT AND CONSERVATION PLAN**



Signature

SCOTT MEYER, DISTRICT MANAGER

Print Name of Person Signing

HECETA WATER DISTRICT

Print Name of Organization or Entity, if Applicable

8-25-08

**SIGNATURE PAGE FOR THE
JOINT LETTER OF SUPPORT FOR THE CITY OF FLORENCE'S
CONSERVATION GRANT APPLICATION TO HELP FUND DEVELOPMENT OF A
WATER MANAGEMENT AND CONSERVATION PLAN**



Signature

GEORGE KLOEPPEL

Print Name of Person Signing

LANE COUNCIL OF GOVERNMENTS

Print Name of Organization or Entity, if Applicable

AUG 26, 2008

Date

ATTACHMENT 2 – PROJECT LOCATION
CITY OF FLORENCE SB 1069 GRANT APPLICATION

CITY OF FLORENCE
WELL FIELD
WATER TREATMENT PLANT
AND ADJACENT AREA



PACIFIC OCEAN

CITY LIMITS

2 TWO MILLION
GALLON WATER
STORAGE TANKS
T-18-R-12-S-22

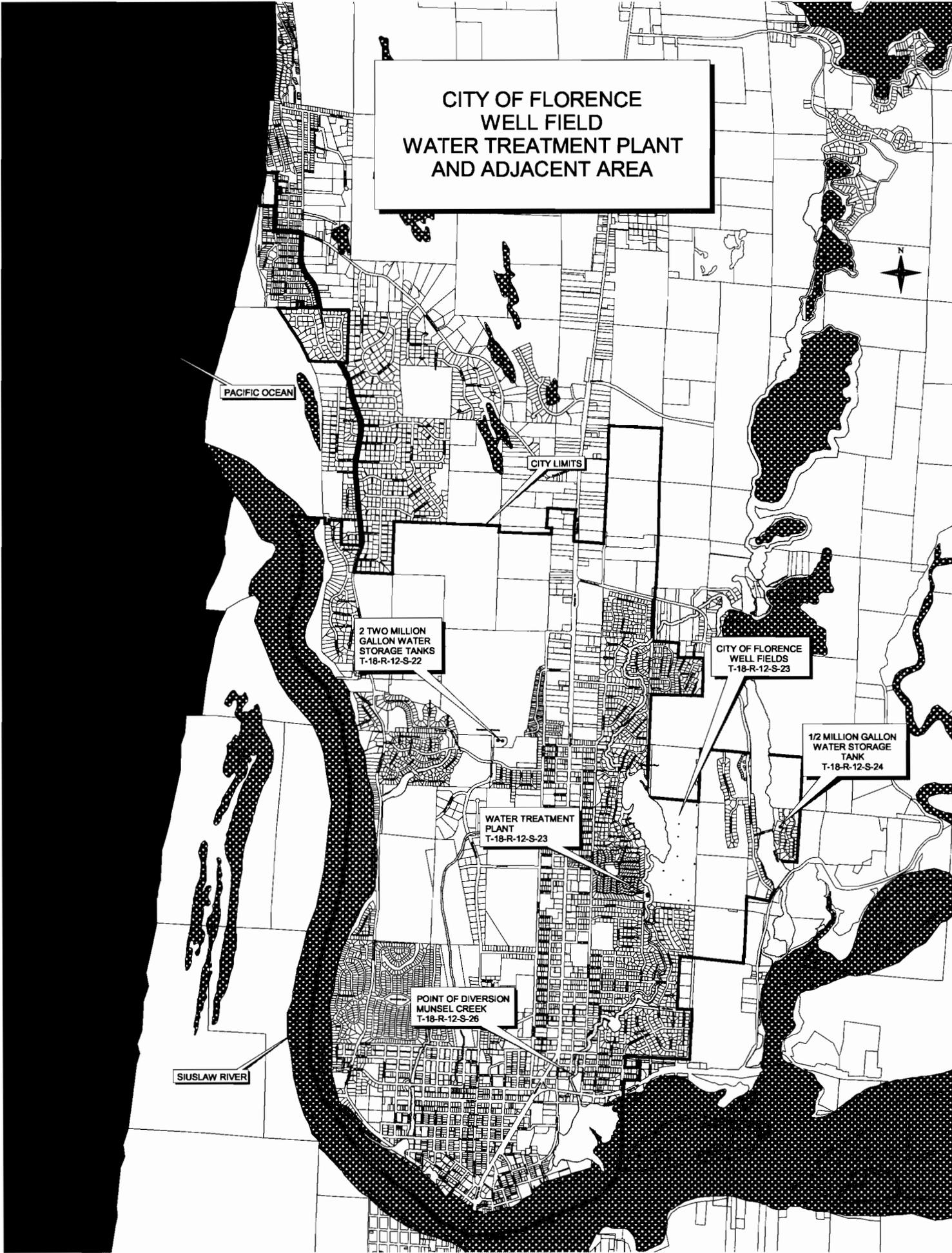
CITY OF FLORENCE
WELL FIELDS
T-18-R-12-S-23

1/2 MILLION GALLON
WATER STORAGE
TANK
T-18-R-12-S-24

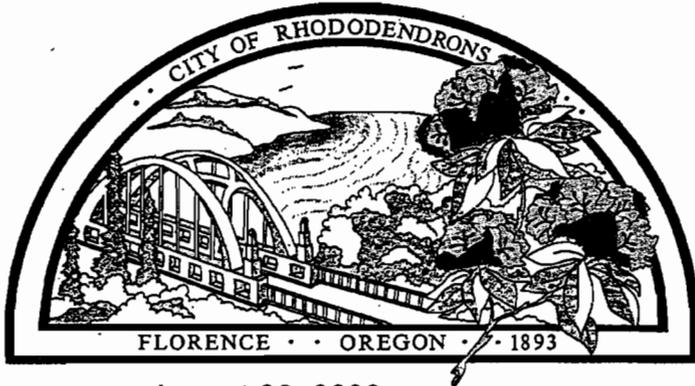
WATER TREATMENT
PLANT
T-18-R-12-S-23

POINT OF DIVERSION
MUNSEL CREEK
T-18-R-12-S-26

SIUSLAW RIVER



**ATTACHMENT 3 – FISCAL LETTER OF SUPPORT
CITY OF FLORENCE SB 1069 GRANT APPLICATION**



City of Florence

Finance Department

250 Highway 101
Florence, OR 97439-7628
TDD: (541) 997-3437

PH: (541) 997-3436
PH: (541) 997-4105
FAX: (541) 997-6814

August 26, 2008

Oregon Water Resources
Department Attn: Bob Rice
725 Summer St NE Suite A
Salem, OR 97301

RE: Letter of Support for City of Florence Water Conservation Grant
Application to develop a Water Management and Conservation Plan

Dear Mr. Rice,

The City of Florence has included in its Operating Budget for the 2008-2009 fiscal year adopted appropriations to develop a Water Management and Conservation Plan in compliance with OAR, Chapter 690, Division 86. These appropriations are secured and available to be used for the City's required matching funds of \$20,000.00 for the grant application referenced above.

I would be happy to provide additional information in this regard should you find it necessary.

Respectfully,

David Armstrong
Finance Director
City of Florence

