



Last Updated: July 2017

## Colorado Water Conservation Board

### Water Plan Grant Application

#### Instructions

To receive funding for a Water Plan Grant, applicant must demonstrate how the project, activity, or process (collectively referred to as “project”) funded by the CWCB will help meet the measurable objectives and critical actions in the Water Plan. Grant guidelines are available on the CWCB website.

If you have questions, please contact CWCB at (303) 866-3441 or email the following staff to assist you with applications in the following areas:

Supply and Demand Gap Projects  
Water Storage Projects  
Conservation, Land Use Planning  
Engagement & Innovation Activities  
Agricultural Projects  
Environmental & Recreation Projects

Gregory.Johnson@state.co.us  
Anna.Mauss@state.co.us  
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Applicants interested in submitting an ‘Intent to Apply’ in the future are encouraged to check here ☐ and fill in all sections with the best information available at the time. Exhibits may be excluded.

This “Intent to Apply” will help CWCB prioritize Projects that are not ready for fully completed Water Plan Grant Application due to the initial timeframe and required deadlines.

**FINAL SUBMISSION:** Submit all application materials to [waterplan.grants@state.co.us](mailto:waterplan.grants@state.co.us) in the original file formats [Application (word); Statement of Work (word); Budget/Schedule (excel)]. Please do not combine documents.

#### Water Project Summary

Name of Applicant	Ogilvy Irrigating and Land Company
Name of Water Project	Seeley Reservoir Maintenance Dredging
CWP Grant Request Amount	\$1,504,000
Other Funding Sources <u>CWCB Reservoir Dredging Grant Program.</u>	\$330,000
Other Funding Sources <u>CWCB Water Project Loan</u>	\$1,834,000
Other Funding Sources _____	\$
Applicant Funding Contribution	\$
Total Project Cost	\$3,668,000



Last Updated: July 2017

Applicant & Grantee Information	
Name of Grantee(s)	Ogilvy Irrigating and Land Company
Mailing Address	822 7 <sup>th</sup> Street, Suite 760
FEIN	84-0283550
Organization Contact	Stow Witwer, Jr.
Position/Title	Agent
Email	<a href="mailto:switwer@woblaw.com">switwer@woblaw.com</a>
Phone	970-352-3161
Grant Management Contact	Raegan Welte
Position/Title	Secretary
Email	<a href="mailto:rwelte@woblaw.com">rwelte@woblaw.com</a>
Phone	970-352-3161
Name of Applicant (if different than grantee)	[same as above]
Mailing Address	
Position/Title	
Email	
Phone	

Description of Grantee/Applicant
Provide a brief description of the grantee's organization (100 words or less).
<p>The Ogilvy Irrigating and Land Company ("OILC") is a Colorado Mutual Ditch Company and a Non-profit Corporation. There are currently a total of 33 shareholders owning the 360 outstanding shares in the OILC. The OILC owns and operates Seeley Reservoir and the Ogilvy Ditch, both of which are located in Weld County in Colorado. The Ogilvy Ditch system stretches from the Cache la Poudre River diversion located on the east edge of Greeley to farms east of Kersey, Colorado in Weld County.</p>

Last Updated: July 2017

Type of Eligible Entity (check one)	
	<b>Public (Government):</b> Municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	<b>Public (Districts):</b> Authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises.
X	<b>Private Incorporated:</b> Mutual ditch companies, homeowners associations, corporations.
	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> Private parties may be eligible for funding.
	<b>Non-governmental organizations (NGO):</b> Organization that is not part of the government and is non-profit in nature.
	<b>Covered Entity:</b> As defined in <a href="#">Section 37-60-126 Colorado Revised Statutes</a> .

Type of Water Project (check all that apply)	
X	Study
X	Construction
	Identified Projects and Processes (IPP)
	Other

Category of Water Project (check all that apply and include relevant tasks)	
	Supply and Demand Gap - Multi-beneficial projects and those projects identified in basin implementation plans to address the water supply and demand gap. <i>Applicable Exhibit A Task(s):</i>
X	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity. <i>Applicable Exhibit A Task(s):</i>
	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. <i>Applicable Exhibit A Task(s):</i>
	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. <i>Applicable Exhibit A Task(s):</i>
	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. <i>Applicable Exhibit A Task(s):</i>
	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. <i>Applicable Exhibit A Task(s):</i>

Last Updated: July 2017

	Other	Explain:
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Location of Water Project	
Please provide the general county and coordinates of the proposed project below in <b>decimal degrees</b> . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Weld County
Latitude	40.471723°
Longitude	-104.738053°

Water Project Overview
<p>Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, and area of habitat improvements, where applicable. If this project addresses multiple purposes or spans multiple basins, please explain.</p> <p>The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.</p>

Last Updated: July 2017

### Water Project Overview

The CWP Grant funding will be utilized to for the permitting, engineering, and dredging of approximately 355.7 acre-feet of sediment from Seeley Reservoir. The reservoir has a decreed capacity of 1,543 acre-feet and the proposed project will re-establish the physical capacity to this decreed volume. The water stored in Seeley Reservoir is used to provide supplemental irrigation supplies to the Ogilvy Ditch service area, which encompasses about 3,600 acres. The Ogilvy Augmentation Company ("OAC") includes members who own wells that provide irrigation water within the same service area. OAC obtained an operating agreement with OILC to utilize storage space in Seeley Reservoir for storage of augmentation water. OAC subsequently obtained a junior storage right within Seeley Reservoir to allow use of the water for augmentation of irrigation wells within the Ogilvy Ditch service area. The augmentation use of the water stored at Seeley Reservoir results in significantly higher gross water supply at the farm, due to the fact the that the stored augmentation supply is a consumptive use volume. Recovery of lost storage in Seeley Reservoir will benefit both the OILC and OAC, both of which irrigate corn, alfalfa, sugar beets, onions, beans, pasture grass and small grains under the Ogilvy Ditch system.

### Measurable Results

To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:

355.7 ac-ft	New Storage Created (acre-feet)
493 ac-ft gross irrigation supply at the farm.	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
n/a	Existing Storage Preserved or Enhanced (acre-feet)
n/a	Length of Stream Restored or Protected (linear feet)
n/a	Efficiency Savings (indicate acre-feet/year OR dollars/year)
n/a	Area of Restored or Preserved Habitat (acres)
n/a	Quantity of Water Shared through Alternative Transfer Mechanisms
n/a	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
Unknown	Number of Coloradans Impacted by Engagement Activity



Last Updated: July 2017

Measurable Results		
	Other	Explain:

Water Project Justification
<p>Provide a description of how this water project supports the goals of <a href="#">Colorado's Water Plan</a>, the most recent <a href="#">Statewide Water Supply Initiative</a>, and the applicable Roundtable <a href="#">Basin Implementation Plan</a> and <a href="#">Education Action Plan</a>. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).</p> <p>The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to 9-44;)</p> <p>This project will recover 355.7 acre-feet of reservoir storage space that has been lost to sedimentation deposition over many years. New water storage sites have been considered, but would be limited to about 100 acre-feet of capacity; significantly less than the proposed project. Sedimentation of Seeley Reservoir resulted largely because of the high inflows running through the steep inlet channel above the reservoir. The Colorado Department of Transportation ("CDOT") completed major improvements to the Seeley Reservoir inlet channel at State Highway 392 in 2011 which substantially, if not fully, mitigated the conditions causing the erosion within the inlet ditch which generated the sedimentation impacting Seeley Lake. It is expected that the recurrence of sedimentation will be limited.</p>

Related Studies
Please provide a list of any related studies, including if the water project is complementary to or assists in the implementation of other CWCB programs.



Last Updated: July 2017

### Related Studies

Seeley Reservoir is directly related to two prior loans obtained from CWCB (listed below). The initial loan was for the rehabilitation of Seeley Reservoir, which included improvements to the outlet structure and spillway such that dam safety storage restrictions could be released. The second loan, made available to OAC, provided funding for the acquisition of water rights and development of recharge structures. A portion of the water rights acquired through CWCB loan are stored within Seeley Reservoir for administration of the OAC plan for augmentation. Regaining lost storage space in the reservoir will provide better utilization of the improvements and resources acquired with prior CWCB funding.

### Previous CWCB Grants, Loans or Other Funding

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order; 6) Percentage of other CWCB funding for your overall project.

There are no prior CWCB grants awarded. However, prior CWCB loans are as follows:

CWCB Small Project Loan; Contract #C150148 was awarded to OILC for the rehabilitation of Seeley Reservoir; July 28, 2003.

CWCB Water Project Loan; Contract #C150273 was awarded to OAC for the acquisition of water rights and development of its' plan for augmentation; September 19, 2008.

### Taxpayer Bill of Rights

The Taxpayer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect your application.

There are no know issues related to TABOR that may affect this application.

Last Updated: July 2017

Submittal Checklist	
X	I acknowledge the Grantee will be able to contract with CWCB using the <a href="#">Standard Contract</a> .
Exhibit A	
X	Statement of Work <sup>(1)</sup>
X	Budget & Schedule <sup>(1)</sup>
	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>(1)</sup>
Exhibit C	
X	Map (if applicable) <sup>(1)</sup>
	Photos/Drawings/Reports
	Letters of Support (Support letter from Basin Roundtable encouraged)
	Certificate of Insurance (General, Auto, & Workers' Comp.) <sup>(2)</sup>
X	Certificate of Good Standing with Colorado Secretary of State <sup>(2)</sup>
X	W-9 <sup>(2)</sup>
n/a	Independent Contractor Form <sup>(2)</sup> (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
n/a	Engagement & Innovation Supplemental Application <sup>(1)</sup>

(1) Required with application.

(2) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.



## Colorado Water Conservation Board

### Water Plan Grant - Exhibit A

#### Statement Of Work

<b>Date:</b>	<b>5/30/2018</b>
<b>Name of Grantee:</b>	<b>Ogilvy Irrigating and Land Company (OILC)</b>
<b>Name of Water Project:</b>	<b>Seeley Reservoir Dredging</b>
<b>Funding Source:</b>	<b>CWCB Water Project Grant, Reservoir Dredging Grant; and Water Project Loan Program</b>

#### Water Project Overview:

**Dredging, hauling, deposition and grading of approximately 356 acre-feet (575,000 cubic yards) of sediment from Seeley Reservoir. Related work includes the legal, engineering and surveying associated with permit acquisition, mapping, feasibility study, final grading and cost estimates.**

#### Project Objectives:

**Regain 356 acre-feet of lost reservoir storage space and re-establish the physical capacity to match decreed capacity. Rehabilitate adjacent lands receiving sediment material.**

Tasks	
<b>Task 1 – Engineering and Professional Fees</b>	
Description of Task:	
<p><b>Correspond with U.S. Army Corps of Engineers to determine permitting requirements, if any. Subsequent engineering tasks may include wetland delineation and mapping, permit acquisition and/or mitigation. Prepare grading plan for approximately 160 acres of land adjacent to Seeley Reservoir that is identified to receive the sediment removed from Seeley Reservoir. Perform subsequent construction staking.</b></p>	
Method/Procedure:	
<p><b>Wetland delineation and mapping shall be managed and directed by Douglas C. Seely with NOCO Engineering, the OILC engineering consultant.</b>  <b>Correspondence related to permitting shall be managed and directed by NOCO Engineering, the OILC engineering consultant and/or Daniel Brown, the OILC attorney.</b>  <b>Surveying and development of site grading shall be managed and directed by Douglas C. Seely, the OILC engineering consultant.</b></p>	
Deliverable:	
<ol style="list-style-type: none"> <li><b>1. Wetland delineation and mapping</b></li> <li><b>2. Grading plan</b></li> <li><b>3. Written opinion from the U.S. Army Corps of Engineers</b></li> <li><b>4. U.S. Army Corps of Engineers permit, if necessary</b></li> <li><b>5. As-constructed drawings</b></li> </ol>	

Tasks	
<b>Task 2 – Construction (Dredging, Grading, and Re-seeding)</b>	
Description of Task:	
<p><b>Excavate, load, haul and deposit approximately 575,000 cubic yards of sediment from Seeley Reservoir. Grade drained sediment to conform to final grading plan; re-seed all disturbed areas outside of the reservoir pool area.</b></p>	
Method/Procedure:	
<p><b>Drain Seeley Reservoir to its dead pool elevation. Excavate a stream flow channel through the sedimentation area to allow passage of seepage inflows to the dead pool. Excavate narrow channels into the sediment area for drainage and place construction mats to allow movement of haul equipment. Load and haul sediment to the lands located north and west of the reservoir. Allow the sediment to drain over a period of several months. Grade the drained sediment material to meet the grading plans and re-seed.</b></p>	
Deliverable:	

## Budget and Schedule

This Statement of Work shall be accompanied by a combined Budget and Schedule that reflects the Tasks identified in the Statement of Work.

## Reporting Requirements

**Progress Reports:** The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues.

**Final Report:** At completion of the project, the grantee shall provide the CWCB a Final Report on the applicant's letterhead that:

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered, and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.

The CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

## Payment

Payment will be made based on actual expenditures and must include invoices for all work completed. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

Project costs not covered by this or other grants are the responsibility of the grantee. Project costs that are eligible for CWCB funds will be disbursed at the following percentages: 38.6% Water Plan Grant funds to 61.4% matching funds.

Costs incurred prior to the effective date of this contract are not reimbursable. The last 10% of the entire grant will be paid out when the final deliverable has been received. All products, data and information developed as a result of this contract must be provided to CWCB in hard copy and electronic format as part of the project documentation.

## Performance Measures

Performance measures for this contract shall include the following:

(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit B. Per Water Plan Grant Guidelines, the CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per Water Plan Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per Water Plan Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per

### Performance Measures

Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.

## COLORADO

**Colorado Water  
Conservation Board**

Department of Natural Resources

# Colorado Water Conservation Board

## Water Plan Grant - Exhibit B

## Budget and Schedule

Date: 1/31/2018

**Name of Applicant:** The Ogilvy Irrigating and Land Company

**Name of Water Project:** Seeley Reservoir Maintenance Dredging

Task No.	Task Description	Start Date	End Date	Grant Funding Request	Match Funding	Total
1	Professional Fees	1/1/2018	4/1/2019	\$ 13,000	\$ 13,000	\$ 26,000
2	Construction	11/1/2018	4/1/2019	\$ 1,821,025	\$ 1,821,025	\$ 3,642,050
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
<b>Total</b>				\$1,834,025	\$1,834,025	\$3,668,050



Colorado Water Conservation Board  
Water Plan Grant - Detailed Budget Estimate  
Fair and Reasonable Estimate

Date: 1/31/2018  
Name of Applicant: The Ogilvy Irrigating and Land Company  
Name of Water Project: Seeley Reservoir Maintenance Dredging

EXAMPLE B: Construction/Engineering

Task 1 - Engineering					Subcontracts												
Sub-task	Senior Principal Engineer (DCS)	Geologist/ Water Resources Analyst	Legal Fees (DKB)	Subtotal	Geotechnical	Surveying	Water Rights and other Legal	Project Total	CWCB Funds	Other Matching Funds							
	\$	115	\$				75				\$	265					
Estimated Hours					Lump sum	Lump Sum	Lump Sum	Subtotal	50%								
Feasibility Study	16	15.5		\$ 3,000	\$ 3,000	\$ 8,000	\$ 8,000	\$3,000	\$1,500	\$1,500							
Project Management	25	15.0		\$ 4,000				\$ -	\$4,000	\$2,000	\$2,000						
Geotechnical and Eng Eval				\$ -				\$ 3,000	\$3,000	\$1,500	\$1,500						
Surveying				\$ -				\$ 8,000	\$ 8,000	\$4,000	\$4,000						
Permitting				\$ -				\$ 8,000	\$ 8,000	\$4,000	\$4,000						
				\$ -				\$0	\$0	\$0							
				\$ -				\$0	\$0	\$0							
				\$ -				\$0	\$0	\$0							
				\$ -				\$0	\$0	\$0							
Task 2 - Construction																	
Sub-task	Qty	Unit	Unit Cost	Subtotal	Lump sum	Lump sum	Lump sum	Lump sum	Lump sum	Subtotal	Project Total	CWCB Funds	Other Matching Funds				
Estimated Qty					Lump sum	Lump sum	Lump sum	Lump sum	Lump sum	Subtotal	50%						
Mobilization/Demobilization	20	EA	\$ 575.00	\$ 11,500							\$11,500	\$5,750	\$5,750				
Dewatering	1	LS	\$ 34,500.00	\$ 34,500										\$ -	\$34,500	\$17,250	\$17,250
Construction Mats (16x4)	200	EA	\$ 920.00	\$ 184,000										\$ -	\$184,000	\$92,000	\$92,000
Excavation of sediment	575,000	CY	\$ 2.30	\$ 1,322,500										\$ -	\$1,322,500	\$661,250	\$661,250
Haul and deposition	575,000	CY	\$ 3.45	\$ 1,983,750										\$ -	\$1,983,750	\$991,875	\$991,875
Final grading	160	AC	\$ 575.00	\$ 92,000										\$ -	\$92,000	\$46,000	\$46,000
Re-seeding	160	AC	\$ 86.25	\$ 13,800										\$ -	\$13,800	\$6,900	\$6,900

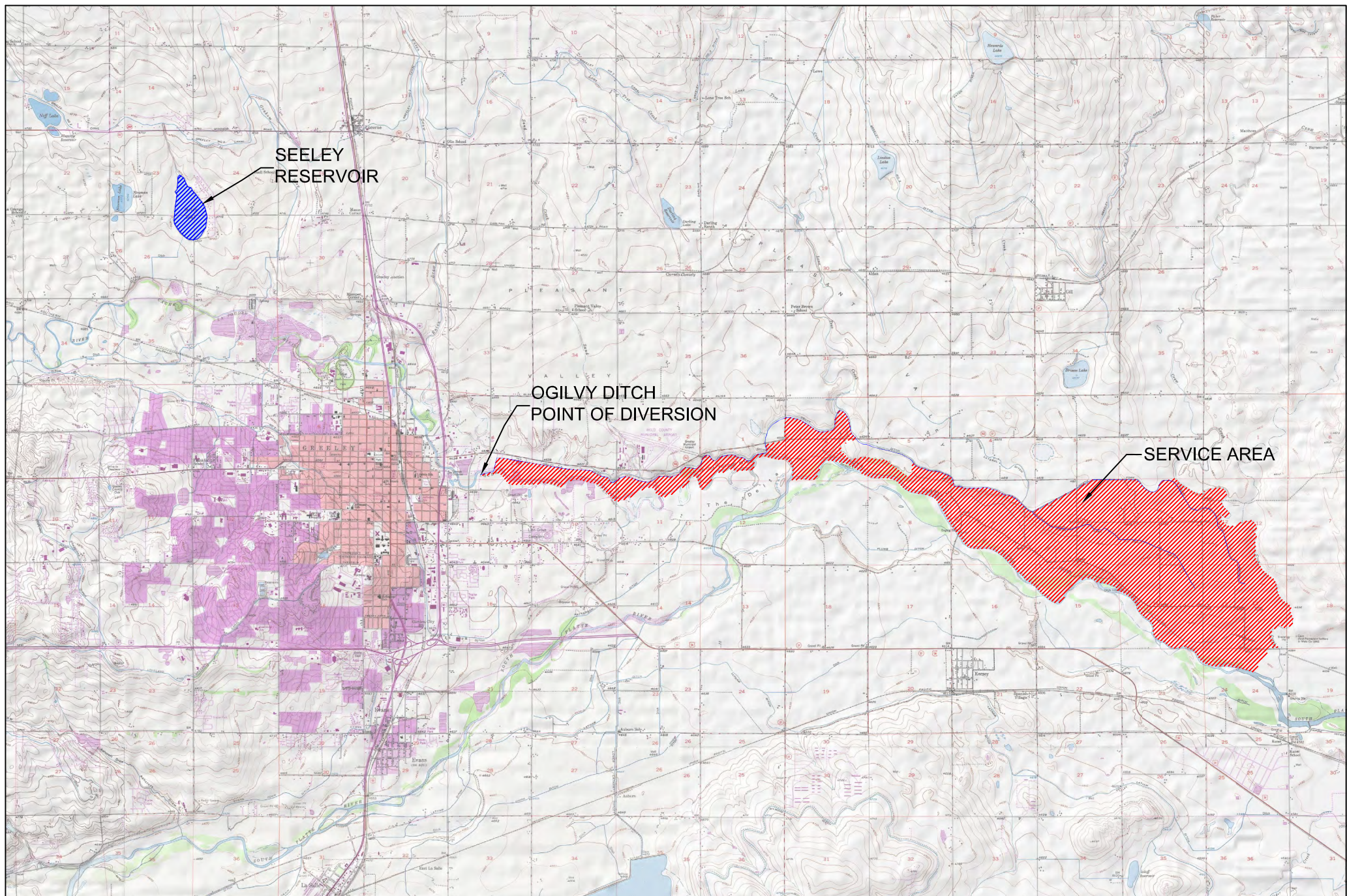
				\$	-	\$0	\$0	\$0
				\$	-	\$0	\$0	\$0
				\$	-	\$0	\$0	\$0
				\$	-	\$0	\$0	\$0
Subtotal Task 1	\$	7,000		\$	19,000	\$26,000	\$ 13,000	\$ 13,000
Subtotal Task 2	\$	3,642,050		\$	-	\$3,642,050	\$ 1,821,025	\$ 1,821,025
TOTAL						\$3,668,050		

**NOTES:**  
**\*When the application has been approved by the Board, and this budget document is being submitted for PO or contract processing, the "Name of Applicant" field MUST be changed to "Name of GRANTEE" and remove the DATE field.**  
**Ensure that pagination is included and correct, i.e., Page 1 of 2, Page 2 of 2, etc.**



# FIGURES

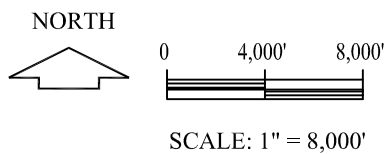




SEELEY  
RESERVOIR

OGILVY DITCH  
POINT OF DIVERSION

SERVICE AREA



Prepared by:  
Douglas C. Seely, PE  
300 E. 16th St., Ste 309  
Greeley, CO 80631

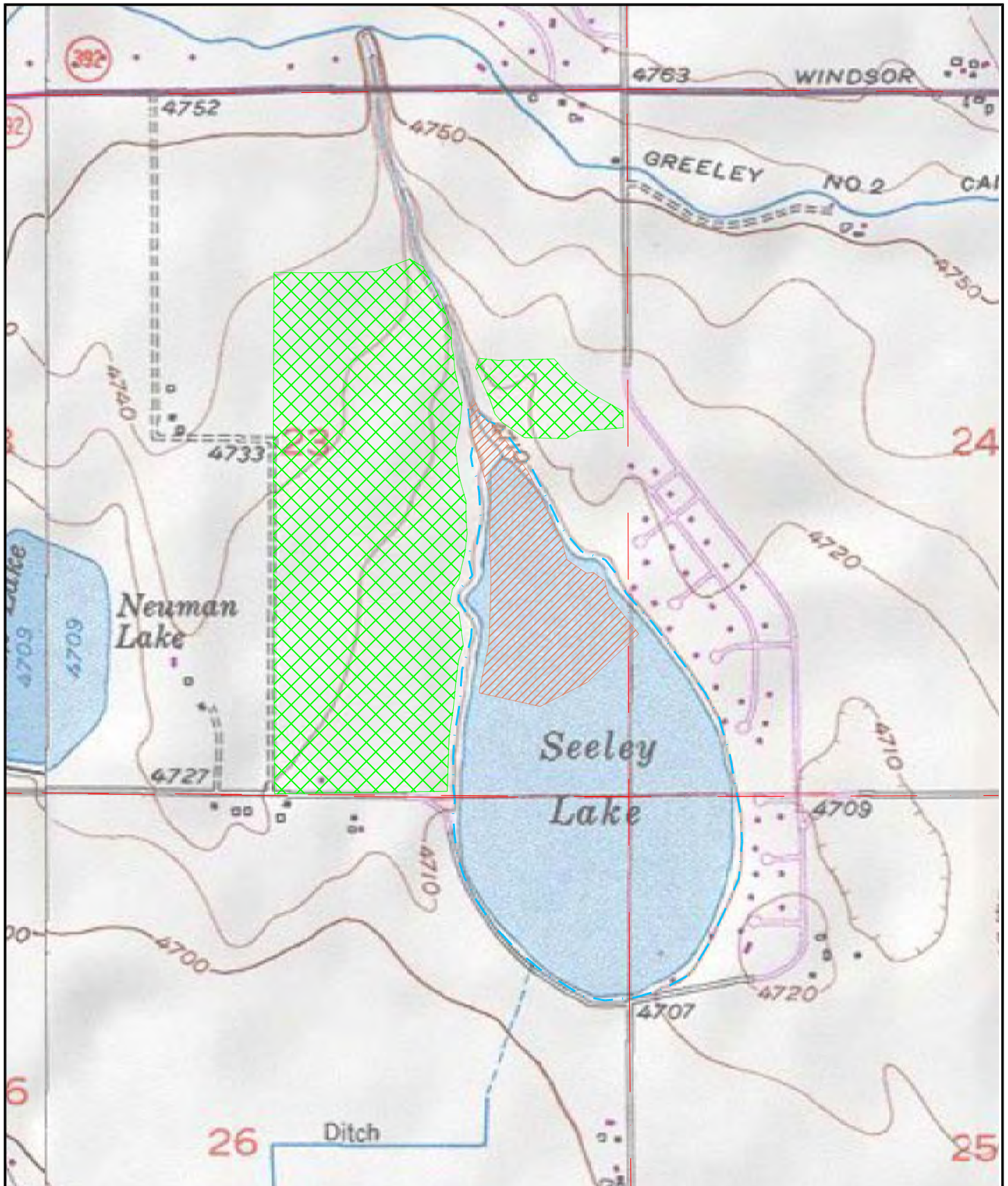
Date:  
May, 2008

**Ogilvy Irrigating & Land Co.**

General Location Map

FIGURE:  
1





Prepared by:  
 NOCO Engineering, Inc.  
 8209 W. 20th St., Ste A  
 Greeley, CO 80634

January 19, 2018

### LEGEND

- - - High Water Line
- Proposed Excavation Area (30.6 ac)
- Proposed Fill Areas (133 ac)

### FIGURE 2

**Seeley Reservoir  
 Proposed Maintenance  
 Sects. 23-26, T6N, R66W**