



KERN BOARD REGULAR MEETING

June 8, 2013 – 6:40 pm

or immediately following the Town Board work session

Town Board Chambers - 301 Walnut Street, Windsor, CO 80550

The Town of Windsor will make reasonable accommodations for access to Town services, programs, and activities and will make special communication arrangements for persons with disabilities. Please call (970) 674-2400 by noon on the Thursday prior to the meeting to make arrangements.

AGENDA

1. Call to Order
2. Roll Call of Directors Present
3. Approval of Minutes May 13, 2013 Board of Directors Meeting – P. Garcia
4. Approval of Bills – D. Moyer
5. Boardwalk Well Update – W. Willis
6. Update on SCADA improvements – W. Willis
7. Communications
8. Adjourn



KERN BOARD REGULAR MEETING

May 13, 2013

Immediately prior to or following Town Board Regular Meeting
Town Board Chambers - 301 Walnut Street, Windsor, CO 80550

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MINUTES

1. Call to Order

Vice President Melendez called the meeting to order at 6:50 p.m.

2. Roll Call of Directors Present

President John Vazquez
Vice President Kristie Melendez
Secretary/Treasurer Jeremy Rose
Myles Baker
Don Thompson
Robert Bishop-Cotner
Ivan Adams

Also present:

Town Manager	Kelly Arnold
Town Attorney	Ian McCargar
Town Clerk	Patti Garcia
Director of Finance	Dean Moyer

2. Approval of Minutes March 25, 2013 Board of Directors Meeting – P. Garcia

Board Member Adams motioned to approve the Minutes as presented; Board Member Thompson seconded the motion. Roll call on the vote resulted as follows:

**Yeas – Baker, Rose, Thompson, Melendez, Bishop-Cotner, Adams, Vazquez
Nays – None. Motion passed.**

3. Approval of Bills – D. Moyer

Mayor Vazquez inquired when the SCADA system would be completely paid for. Director of Finance Moyer stated he would check and report back to the Board.

Vice President Melendez motioned to approve the bills as presented; Board Member Thompson seconded the motion. Roll call on the vote resulted as follows:

**Yeas – Baker, Rose, Thompson, Melendez, Bishop-Cotner, Adams, Vazquez
Nays – None. Motion passed.**

4. Communications

None.

5. Adjourn

Board Member Thompson motioned to adjourn the meeting at 6:53 p.m.; Board Member Baker seconded the motion. Roll call on the vote resulted as follows:

**Yeas – Baker, Rose, Thompson, Melendez, Bishop-Cotner, Adams, Vazquez
Nays – None. Motion passed.**

Patti Garcia, Town Clerk

KERN RESERVOIR & DITCH CO

REPORT OF BILLS

05/06-06/28/2013

*At the regular meeting of the Kern Reservoir & Ditch Authority,
Colorado, held in the Windsor Town Hall Board Room on July 8, 2013
the following claims were presented, examined, and approved by the KERN Advisory.*

VENDOR	DESCRIPTION	INVOICE #	AMOUNT
Clear Water Solutions	General water services-non-potable	3679	\$2,085.83 ✓
Clear Water Solutions	General water services-non-potable	3678	\$4,773.61
Clear Water Solutions	General water services-non-potable	3689	\$300.00
Clear Water Solutions	General water services-non-potable	3621	\$225.00
Clear Water Solutions	General water services-non-potable	3708	\$927.59
Clear Water Solutions	General water services-non-potable	3711	\$300.00
Clear Water Solutions	General water services-non-potable	3704	\$2,103.87
Xcel Energy	Utilities	367666311	\$31.65
Xcel Energy	Utilities	370946075	\$47.27
Leonard Rice Engineers	Kyger storage Infrastructure Feasibility	7255	\$7,036.50
J-2 Contracting	SCADA improvements (WL flow controls)	2	\$53,047.80
Frchetti Engineering	Engineering services-UFP	4160	\$3,267.47
Frchetti Engineering	Engineering services-SCADA	4159	\$1,757.50
King Surveyors	Draft easement description, locate utility trench	133713	\$557.50
Frchetti Engineering	Engineering Services UFP	4190	\$2,936.20
Frchetti Engineering	Engineering services-SCADA	4192	\$77.50
UMR Card Services	TOW permit-irrigation well at BW Park	0195MAY2013	\$28.75
TOTAL DISBURSEMENT REQUEST			<u>\$79,504.04</u>
TOTAL			<u>\$79,504.04</u>



301 Walnut Street
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 Office 970-674-2400
 Fax 970-674-2456

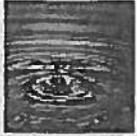
Finance Department	
Vendor #	5551
Obligation #	100103

PAYMENT REQUEST

INVOICE NUMBER: 3679	Notes:
VENDOR: Clear Water Solutions	
DBA	
(IF OTHER THAN VENDOR)	
Address: 8010 S. County Road 5, Ste. 105	
Windsor, CO 80528	
Phone: (970) 223-3706	KRDC EXPENSE
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
5/13/2013	Wade Willis		

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6253	N/A	General Water Services - Non-potable	\$2,085.83
				TOTAL	\$2,085.83



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Clear Water Solutions
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970-223-3706

Town of Windsor
301 Walnut Street
Windsor, Co 80550
Wade Willis

Invoice number 3679
Date 05/13/2013

Project **09-280 WINDSOR GENERAL WATER SERVICES NON POTABLE 2013**

Billing Period: 4/7/13 – 5/12/13

A detail of the value provided by Clear Water Solutions, Inc. during this billing period is as follows:

Phase A: General Water Services

- Review updated draft Kyger agreement
- Review correspondence re: Kyger storage agreement
- Coordinate with Dean Moyer on CWCB feasibility study
- Prepare and attend Town Board Meeting 5-6-13

Please do not hesitate to contact us with any questions regarding this invoice or your project.

Invoice Summary

Description	YTD Billed	Current Billed
A GENERAL WATER SERVICES	12,690.13	1,946.25
B KERN MEASURING DEVICES/FLOWS	0.00	0.00
EQUIPMENT SUPPLIES & GENERAL EXPENSES	657.97	63.38
ADMINISTRATION	670.00	70.00
REIMBURSABLE EXPENSES	54.29	6.20
Total	14,072.39	2,085.83

General Water Services

Professional Fees

	Hours	Rate	Billed Amount
Principal	12.00	160.00	1,920.00
Senior Water Resource Engineer IV	0.25	105.00	26.25
Phase subtotal			1,946.25

Reimbursable Expenses

Reimbursables

	Billed Amount
Miles	6.20

Description	Prior Billed	Current Billed
EQUIPMENT SUPPLIES & GENERAL EXPENSES	594.59	63.38



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Finance Department	
Vendor #	5551
Obligation #	100104

PAYMENT REQUEST

INVOICE NUMBER: 3678	Notes:
VENDOR: Clear Water Solutions	
DBA	
(IF OTHER THAN VENDOR)	
Address: 8010 S. County Road 5, Ste. 105	
Windsor, CO 80528	
Phone: (970) 223-3706	
Fax:	KRDC EXPENSE

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
5/13/2013	Wade Willis	<i>[Signature]</i>	<i>[Signature]</i>

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6253	N/A	General Water Services	\$3,606.05
14	484	6253	N/A	Decree Accounting	\$1,167.56
				TOTAL	\$4,773.61

Total 13,899.27 4,773.61

Decree Accounting

Professional Fees

	Hours	Rate	Billed Amount
Principal	7.25	160.00	1,160.00
Reimbursables			
			Billed Amount
Miles			7.56
Phase subtotal			1,167.56

Kern Junior Water Rights

Professional Fees

	Hours	Rate	Billed Amount
Senior Project Manager IV	0.50	150.00	75.00

Miscellaneous

Professional Fees

	Hours	Rate	Billed Amount
Principal	4.25	160.00	680.00
Senior Project Manager IV	16.50	150.00	2,475.00
Phase subtotal			3,155.00

Reimbursable Expenses

Reimbursables

	Billed Amount
Miles	9.30

Description

	Prior Billed	Current Billed
EQUIPMENT SUPPLIES & GENERAL EXPENSES	456.91	126.75
ADMINISTRATION	360.00	240.00
Total	816.91	366.75

Invoice total 4,773.61

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
3678	05/13/2013	4,773.61	4,773.61				
	Total	4,773.61	4,773.61	0.00	0.00	0.00	0.00

We thank you for your business!



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<i>Finance Department</i>	
Vendor #	5551
Obligation #	

PAYMENT REQUEST

INVOICE NUMBER: 3689	Notes:
VENDOR: Clear Water Solutions	
DBA	
(IF OTHER THAN VENDOR)	
Address: 8010 S. County Road 5, Ste. 105	
Windsor, CO 80528	
Phone: (970) 223-3706	
Fax:	KRDC EXPENSE

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
5/13/2013	Wade Willis		

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6253	N/A	Kern/WCSD RE-4 Augmentation Plan	\$300.00
				TOTAL	\$300.00



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Kern Reservoir & Ditch Co
 301 Walnut Street
 Windsor, CO 80550

Invoice number 3689
 Date 05/13/2013

Project **12-120 KERN/WCSD RE-4
 AUGMENTATION PLAN**

Billing Period: 4/7/13 – 5/12/13

A detail of the value provided by Clear Water Solutions, Inc. during this billing period is as follows:

Phase A:
 - Complete March Accounting

Please do not hesitate to contact us with any questions regarding this invoice or your project.

Invoice Summary

Description	YTD Billed	Current Billed
KERN RESERVOIR & DITCH COMPANY		
A KERN RESERVOIR & DITCH COMPANY	7,623.75	300.00
KERN REIMBURSABLE EXPENSES	2.93	0.00
	Subtotal	7,626.68
	Total	7,626.68

KERN Reservoir & Ditch Company
Kern Reservoir & Ditch Company
 Professional Fees

	Hours	Rate	Billed Amount
Senior Project Manager IV	2.00	150.00	300.00
KERN Reservoir & Ditch Company subtotal			300.00

Invoice total **300.00**

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
3621	03/12/2013	225.00			225.00		
3689	05/13/2013	300.00	300.00				
Total		525.00	300.00	0.00	225.00	0.00	0.00

We thank you for your business!



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<u>Finance Department</u>	
Vendor #	5551
Obligation #	100369

PAYMENT REQUEST

INVOICE NUMBER: 3621	Notes:
VENDOR: Clear Water Solutions	
DBA	
(IF OTHER THAN VENDOR)	
Address: 8010 S. County Road 5, Ste. 105	
Windsor, CO 80528	
Phone: (970) 223-3706	KRDC EXPENSE
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
3/12/2013	Wade Willis	<i>[Signature]</i>	

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6253	N/A	Kern/WCSD RE-4 Augmentation Plan	\$225.00
				TOTAL	\$225.00



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Kern Reservoir & Ditch Co
301 Walnut Street
Windsor, CO 80550

Invoice number 3621
Date 03/12/2013

Project **12-120 KERN/WCSD RE-4
AUGMENTATION PLAN**

Billing Period: 2/11/13 – 3/10/13

A detail of the value provided by Clear Water Solutions, Inc. during this billing period is as follows:

Phase A: Kern Reservoir and Ditch Company:
- Complete and submit January 2013 accounting

Please do not hesitate to contact us with any questions regarding this invoice or your project.

Invoice Summary

Description	YTD Billed	Current Billed
KERN RESERVOIR & DITCH COMPANY		
A KERN RESERVOIR & DITCH COMPANY	6,322.50	450.00
KERN REIMBURSABLE EXPENSES	2.93	0.00
Subtotal	6,325.43	450.00
Total	6,325.43	450.00

KERN Reservoir & Ditch Company
Kern Reservoir & Ditch Company
 Professional Fees

	Hours	Rate	Billed Amount
Senior Project Manager II	3.00	150.00	450.00
KERN Reservoir & Ditch Company subtotal			450.00

Invoice total 450.00

per Kristin @ char water
 - 225.00
 225

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
3445	09/19/2012	800.00					800.00
3475	10/17/2012	315.00					315.00
3530	12/26/2012	630.00			630.00		
3560	01/25/2013	1,342.50		1,342.50			
3594	02/25/2013	992.50	992.50				
3621	03/12/2013	450.00	450.00				
Total		4,530.00	1,442.50	1,342.50	630.00	0.00	1,115.00

We thank you for your business!



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Finance Department	
Vendor #	5551
Obligation #	100649

PAYMENT REQUEST

INVOICE NUMBER: 3708	Notes:
VENDOR: Clear Water Solutions	
DBA	
(IF OTHER THAN VENDOR)	
Address: 8010 S. County Road 5, Ste. 105	
Windsor, CO 80528	
Phone: (970) 223-3706	
Fax:	KRDC EXPENSE

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
6/12/2013	Wade Willis		

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6253	N/A	General Water Services	\$927.59
				TOTAL	\$927.59

Invoice total **927.59**

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
3708	06/12/2013	927.59	927.59				
	Total	927.59	927.59	0.00	0.00	0.00	0.00

We thank you for your business!



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<i>Finance Department</i>	
Vendor #	5551
Obligation #	100650

PAYMENT REQUEST

INVOICE NUMBER: 3711	Notes:
VENDOR: Clear Water Solutions	
DBA	
(IF OTHER THAN VENDOR)	
Address: 8010 S. County Road 5, Ste. 105	
Windsor, CO 80528	
Phone: (970) 223-3706	
Fax:	KRDC EXPENSE

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
6/12/2013	Wade Willis	<i>[Signature]</i>	

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6253	N/A	Kern/WCSD RE-4 Augmentation Plan	\$300.00
				TOTAL	\$300.00



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 970-223-3706

Kern Reservoir & Ditch Co
 301 Walnut Street
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Invoice number 3711
 Date 06/12/2013

Project **12-120 KERN/WCSD RE-4
 AUGMENTATION PLAN**

Billing Period: 5/13/13 – 6/9/13

A detail of the value provided by Clear Water Solutions, Inc. during this billing period is as follows:

Phase A: Kern Reservoir and Ditch Company
 - Complete April 2013 accounting
 - Begin May 2013 accounting

Please do not hesitate to contact us with any questions regarding this invoice or your project.

Invoice Summary

Description	YTD Billed	Current Billed
KERN RESERVOIR & DITCH COMPANY		
A KERN RESERVOIR & DITCH COMPANY	7,923.75	300.00
KERN REIMBURSABLE EXPENSES	2.93	0.00
Subtotal	7,926.68	300.00
Total	7,926.68	300.00

KERN Reservoir & Ditch Company
Kern Reservoir & Ditch Company
Professional Fees

	Hours	Rate	Billed Amount
Senior Project Manager IV	2.00	150.00	300.00
KERN Reservoir & Ditch Company subtotal			300.00

Invoice total 300.00

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
3711	06/12/2013	300.00	300.00				
	Total	300.00	300.00	0.00	0.00	0.00	0.00

We thank you for your business!



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<u>Finance Department</u>	
Vendor #	5551
Obligation #	100756

PAYMENT REQUEST

INVOICE NUMBER: 3704	Notes:
VENDOR: Clear Water Solutions	
DBA	
(IF OTHER THAN VENDOR)	
Address: 8010 S. County Road 5, Ste. 105	
Windsor, CO 80528	
Phone: (970) 223-3706	KRDC EXPENSE
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
6/12/2013	Wade Willis	<i>[Signature]</i>	<i>[Signature]</i>

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6253	N/A	General Water Services - Non-potable	\$2,103.87
				TOTAL	\$2,103.87



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Town of Windsor
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Windsor, Co 80550
Wade Willis

Invoice number 3704
Date 06/12/2013

Project **09-280 WINDSOR GENERAL WATER SERVICES NON POTABLE 2013**

Billing Period: 5/13/13 – 6/9/13

A detail of the value provided by Clear Water Solutions, Inc. during this billing period is as follows:

Phase A: General Water Services

- Review potential New Cache shares for sale
- Emails from Dean Moyer regarding CWCB feasibility study
- Miscellaneous correspondence on easements
- Coordinate with Leonard Rice Engineers on infrastructure study questions
- Meeting with Town 6/4/13

Please do not hesitate to contact us with any questions regarding this invoice or your project

Invoice Summary

Description	YTD Billed	Current Billed
A GENERAL WATER SERVICES	14,656.33	1,966.20
B KERN MEASURING DEVICES/FLOWS	0.00	0.00
ADMINISTRATION	740.00	70.00
EQUIPMENT SUPPLIES & GENERAL EXPENSES	725.64	67.67
REIMBURSABLE EXPENSES	54.29	0.00
Total	16,176.26	2,103.87

General Water Services

Professional Fees

	Hours	Rate	Billed Amount
Principal	12.25	160.00	1,960.00
Reimbursables			
Miles			6.20
Phase subtotal			1,966.20

Description	Prior Billed	Current Billed
ADMINISTRATION	670.00	70.00
EQUIPMENT SUPPLIES & GENERAL EXPENSES	657.97	67.67

Total 1,327.97 137.67

Invoice total **2,103.87**

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
3704	06/12/2013	2,103.87	2,103.87				
	Total	2,103.87	2,103.87	0.00	0.00	0.00	0.00

We thank you for your business!



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<u>Finance Department</u>	
Vendor #	552
Obligation #	100,007

PAYMENT REQUEST

INVOICE NUMBER: 367666311	Notes: KERN BILL
VENDOR: Xcel Energy	ACCT# 53-0029078-2
DBA: (IF OTHER THAN VENDOR)	
Address: PO BOX 9477 MPLS, MN 55484-9477	TO DEAN MOYER FOR APPROVAL
Phone:	KRDC EXPENSE
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
05/07/13	S Swanson		<i>DM</i>

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6260		KERN-NON POTABLE WATER	
				107A CHIMNEY PARK DR-UNIT KERN	
				1A MAIN ST UNIT KERN	
				561 E GARDEN DR	
				TOTAL	\$31.65

Customer Name TOWN OF WINDSOR	Service Address Summary Page	Account No. 53-0029078-2	Date Due May 28, 2013	Amount Due \$31.65
---	--	------------------------------------	---------------------------------	-------------------------------------

Account Activity

Date of Bill May 7, 2013	Previous Balance	\$15.83
Number of Payments Received 1	Total Payments	(\$15.83)
Statement Number 367666311	Balance Forward	\$0.00
	+ Current Charges	\$31.65
	Current Balance	\$31.65

KERN

Premise Summary

Premise Number	Premise Identifier
304241524	107A N CHIMNEY PARK DR UNIT KERN
304241529	1A MAIN ST UNIT KERN
304241530	561 E GARDEN DR

Premise Descriptor	Current Bill
	\$16.22
	\$15.43
	NOT INCLUDED
	\$31.65

Total Current Bill

*pay this bill
per mes. Next
bill will have all
3 on it.*

Customer Name	Service Address	Premise Number	Date Due	Premise Total
TOWN OF WINDSOR	107A N CHIMNEY PARK DR UNIT KERN WINDSOR, CO 80550	304241524	May 28, 2013	\$16.22

Electric Service - Account Summary

Invoice Number	0470455477	Commercial Service	25 kWh x0.039200	\$0.98
Meter No	000065829114	GRSA		\$1.79
Rate	C	Commercial Service	25 kWh x0.000790	\$0.02
Days in Bill Period	31	Elec Commodity Adj	1.61 kWh x0.033460	\$0.05
Current Reading	596	Elec Commodity Adj	23.39 kWh x0.032930	\$0.77
Previous Reading	571	Demand Side Mgmt Cost	25 kWh x0.001720	\$0.04
Kilowatt-Hours Used	25	Purch Cap Cost Adj	25 kWh x0.005910	\$0.15
		Service & Facility		\$10.75
		Renew. Energy Std Adj		\$0.28
		Subtotal		\$14.83
		Franchise Fee	3.00%	\$0.45
		Sales Tax		\$0.94
		Total Amount		\$16.22

Comparison Information

Electric	\$16.22 per month	\$0.52 per day	Billing Period	Kwh Usage/Month	Avg. Daily Temp.
			This Year	25	42°
			Last Year	0	55°

Customer Messages

Thank you for your payment.

Customer Name	Service Address	Premise Number	Date Due	Premise Total
TOWN OF WINDSOR	1A MAIN ST UNIT KERN WINDSOR, CO 80550	304241529	May 28, 2013	\$15.43

Electric Service - Account Summary

Invoice Number	0470455602	Commercial Service	17 kWh x0.039200	\$0.67
Meter No	000054702613	GRSA		\$1.74
Rate	C	Commercial Service	Trans Cost Adj	17 kWh x0.000790
Days in Bill Period	31		Elec Commodity Adj	1.10 kWh x0.033460
Current Reading	438	Actual 04/29/2013	Elec Commodity Adj	15.90 kWh x0.032930
Previous Reading	421	Actual 03/29/2013	Demand Side Mgmt Cost	17 kWh x0.001720
Kilowatt-Hours Used	17		Purch Cap Cost Adj	17 kWh x0.005910
			Service & Facility	\$10.75
			Renew. Energy Std Adj	\$0.26
			Subtotal	\$14.12
			Franchise Fee	3.00%
			Sales Tax	\$0.89
			Total Amount	\$15.43

Comparison Information

			Billing Period	Kwh Usage/Month	Avg. Daily Temp.
Electric	\$15.43 per month	\$0.50 per day	This Year	17	42°
			Last Year	18	55°

Customer Messages

Thank you for your payment.

061896 3/3





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Finance Department	
Vendor #	552
Obligation #	100450

PAYMENT REQUEST

INVOICE NUMBER: 370946075	Notes: KERN BILL
VENDOR: Xcel Energy	ACCT# 53-0029078-2
DBA: (IF OTHER THAN VENDOR)	
Address: PO BOX 9477 MPLS, MN 55484-9477	TO DEAN MOYER FOR APPROVAL
Phone:	KERN
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
05/07/13	S Swanson		<i>DM</i>

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6260		KERN-NON POTABLE WATER	
				107A CHIMNEY PARK DR-UNIT KERN	16.11
				1A MAIN ST UNIT KERN	15.43
				561 E GARDEN DR	15.73
				TOTAL	\$47.27



Customer Name	Service Address	Account No.	Date Due	Amount Due
TOWN OF WINDSOR KERN	Summary Page	53-0029078-2	Jun 24, 2013	\$47.27

Account Activity		Previous Balance	\$31.65
Date of Bill	Jun 4, 2013	Total Payments	(\$31.65)
Number of Payments Received	1	Balance Forward	\$0.00
Statement Number	370946075	+ Current Charges	\$47.27
		Current Balance	\$47.27

Premise Summary		Premise Descriptor	Current Bill
Premise Number	Premise Identifier		
304241524	107A N CHIMNEY PARK DR UNIT KERN		\$16.11
304241529	1A MAIN ST UNIT KERN		\$15.43
304241530	561 E GARDEN DR		\$15.73

Total Current Bill	\$47.27
---------------------------	----------------

046886 1/4

1100 0011 100 0001 00 0001 00 0001 00 0001 00

Customer Name	Service Address	Premise Number	Date Due	Premise Total
TOWN OF WINDSOR KERN	107A N CHIMNEY PARK DR UNIT KERN WINDSOR, CO 80550	304241524	Jun 24, 2013	\$16.11

Electric Service - Account Summary

Invoice Number	0474177640	Commercial Service	24 kWh x0.039200	\$0.94
Meter No	000065829114	GRSA		\$1.78
Rate	C	Commercial Service	24 kWh x0.000790	\$0.02
Days in Bill Period	30	Elec Commodity Adj	24 kWh x0.032930	\$0.79
Current Reading	620	Demand Side Mgmt Cost	24 kWh x0.001720	\$0.04
Previous Reading	596	Purch Cap Cost Adj	24 kWh x0.005910	\$0.14
Kilowatt-Hours Used	24	Service & Facility		\$10.75
		Renew. Energy Std Adj		\$0.28
		Subtotal		\$14.74
		Franchise Fee	3.00%	\$0.44
		Sales Tax		\$0.93
		Total Amount		\$16.11

Comparison Information

Electric	\$16.11 per month	\$0.54 per day	Billing Period	Kwh Usage/Month	Avg. Daily Temp.
			This Year	24	58°
			Last Year	0	60°

Customer Messages

Thank you for your payment.

046898 2/4

1108 001 110 0000 001 0 1000 10 1000 0 1100 0 1100 001

Customer Name	Service Address	Premise Number	Date Due	Premise Total
TOWN OF WINDSOR KEAN	1A MAIN ST UNIT KERN WINDSOR, CO 80550	304241529	Jun 24, 2013	\$15.43

Electric Service - Account Summary

Invoice Number	0474177461	Commercial Service	17 kWh x0.039200	\$0.67	
Meter No	000054702613	GRSA		\$1.74	
Rate	C	Commercial Service	Trans Cost Adj	17 kWh x0.000790	\$0.01
Days in Bill Period	30		Elec Commodity Adj	17 kWh x0.032930	\$0.56
Current Reading	455	Actual 05/29/2013	Demand Side Mgmt Cost	17 kWh x0.001720	\$0.03
Previous Reading	438	Actual 04/29/2013	Purch Cap Cost Adj	17 kWh x0.005910	\$0.10
Kilowatt-Hours Used	17		Service & Facility		\$10.75
			Renew. Energy Std Adj		\$0.26
			Subtotal		\$14.12
			Franchise Fee	3.00%	\$0.42
			Sales Tax		\$0.89
			Total Amount		\$15.43

Comparison Information

Electric	\$15.43 per month	\$0.51 per day	Billing Period	Kwh Usage/Month	Avg. Daily Temp.
			This Year	17	58°
			Last Year	19	60°

Customer Messages

Thank you for your payment.

046898 3/4



Customer Name	Service Address	Premise Number	Date Due	Premise Total
TOWN OF WINDSOR KERN	561 E GARDEN DR WINDSOR, CO 80550-3148	304241530	Jun 24, 2013	\$15.73

Electric Service - Account Summary

Invoice Number	0474177169	Commercial Service	20 kWh x0.039200	\$0.78
Meter No	000061706925	GRSA		\$1.76
Rate	C Commercial Service	Trans Cost Adj	20 kWh x0.000790	\$0.02
Days in Bill Period	28	Elec Commodity Adj	20 kWh x0.032930	\$0.66
Current Reading	554 Actual 05/22/2013	Demand Side Mgmt Cost	20 kWh x0.001720	\$0.03
Previous Reading	534 Actual 04/24/2013	Purch Cap Cost Adj	20 kWh x0.005910	\$0.12
Kilowatt-Hours Used	20	Service & Facility		\$10.75
		Renew. Energy Std Adj		\$0.27
		Subtotal		\$14.39
		Franchise Fee	3.00%	\$0.43
		Sales Tax		\$0.91
		Total Amount		\$15.73

Comparison Information

	Billing Period	Kwh Usage/Month	Avg. Daily Temp.
Electric	This Year	20	55°
	Last Year	0	59°
	\$15.73 per month	\$0.56 per day	

Customer Messages

Thank you for your payment.

046698 4/4





Town of Windsor

301 Walnut Street
 Windsor Colorado 80550
 (970)686-7476 Fax (970)686-7180

Finance Department	
Vendor #	6892
Obligation #	100665

PAYMENT REQUEST

INVOICE NUMBER: 7255	Notes:
VENDOR: Leonard Rice Engineers	
MERCHANT:	
(IF OTHER THAN VENDOR)	
Address: 2000 Clay Street	
Suite 300	
Denver, CO 80211	KRDC EXPENSE
Phone:	Project 1426WDR01

INVOICE DATE	DELIVERY DATE	PURCHASED BY	DEPT. HEAD APPROVAL
06-05-13			<i>[Signature]</i>

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	6267		Kyger Storage Infrastructure Feasibility	\$7,036.50
				TOTAL	\$7,036.50



LeonardRice

ENGINEERS, INC.

Water Rights – Ground Water – Water Resource Planning

Dennis Wagner
Town of Windsor
301 Walnut Street
Windsor, CO 80550

June 05, 2013
Project No: 1426WDR01
Invoice No: 7255

Project 1426WDR01 Kyger Storage Infrastructure Feasibility

Professional services through May 25, 2013, in connection with attending site visit meeting with Town of Windsor personnel and Steven Nguyen; gathering base mapping information; researching floodway standards and regulations; performing preliminary calculations for pumping and pipe scenarios; and, researching unit prices for construction costs.

Task 0 WBS Default

Professional Personnel

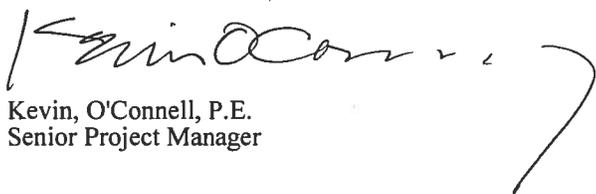
	Hours	Rate	Amount	
Michael, Shane	11.75	108.00	1,269.00	
Muller, Chris	37.50	131.00	4,912.50	
O'Connell, Kevin	4.50	190.00	855.00	
Totals	53.75		7,036.50	
Total Labor				7,036.50
		Total this Task		\$7,036.50

Total this Invoice \$7,036.50

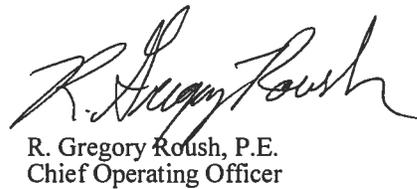
Please Note: Automobile mileage, prints, copies, computer and plotter time, telephone and facsimile costs are indirect expenses and are included in the above rates. Reimbursable expenses billed at cost include air fares, automobile rental, and other travel or per diem costs for project more than 100 miles from the office site. Subconsultants to LRE are billed at cost plus five percent.

TERMS: Net 30 days. Finance charge of 1½ % per month, annual rate of 18%, charged on past due amounts.

LEONARD RICE ENGINEERS, INC.



Kevin, O'Connell, P.E.
Senior Project Manager



R. Gregory Roush, P.E.
Chief Operating Officer



301 Walnut Street
 Windsor, CO 80550
 Office 970-674-2400
 Fax 970-674-2456

Finance Department	
Vendor #	5532
Obligation #	100040

5-12-13

PAYMENT REQUEST

INVOICE NUMBER: #2	Notes:
VENDOR: J-2 Contracting Co.	
DBA	
(IF OTHER THAN VENDOR)	
Address: P.O. Box 129	
Greeley, CO 80632	
Phone: (970) 392-0694	
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
4/30/2013	Wade Willis		

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	8456 ✓	WL Flow	SCADA improvements (WL Flow Controls)	\$53,047.80
				TOTAL	\$53,047.80



• AGGREGATE PROCESSING • AGGREGATE SALES • DEMOLITION
 • PUBLIC UTILITIES • EXCAVATION • SITE GRADING • STREET CONSTRUCTION

PO Box 129 • 450 East 16th Street • Greeley, CO 80632
 Ph: (970) 392-0694 • Fax: (970) 392-0695 • Email: J2@J2contracting.com

Job: Kern Reservoir and Ditch Company Flow Measurement and SCADA Improvements Project 2013
 Pay Estimate #2
 For Dates: 4/1/13 - 4/30/13

Item	Description	Quantity	UNITS	Unit Bid Price	Total Bid Price	% This Est.	Previous % Com	Total % Completed	\$ Completed This Est.	Total \$ Completed
BASE BID										
B-14-1	Mobilization	1	LS	\$651.00	\$651.00		100%	100%	\$ -	\$ 651.00
B-14-2	GC's Bonds And Insurance	1	LS	\$448.00	\$448.00		100%	100%	\$ -	\$ 448.00
B-14-3	Civil	1	LS	\$15,460.00	\$15,460.00	90%	100%	100%	\$ 13,914.00	\$ 15,460.00
B-14-4	Electrical / SCADA Splitter Box Act Gate	1	LS	\$22,950.00	\$22,950.00	60%	10%	70%	\$ 13,770.00	\$ 16,065.00
C-16-1	Mobilization	1	LS	\$651.00	\$651.00	100%	0%	100%	\$ 651.00	\$ 651.00
C-16-2	GC's Bonds And Insurance	1	LS	\$512.00	\$512.00	100%	0%	100%	\$ 512.00	\$ 512.00
C-16-3	Civil - Substitute Galvanized Steel Flume For Stainless Steel Callout Provide And Install Concrete Check Structure And Aluminum Wier Plate Per Drawings And 18" HDPE Sillling Well.	1	LS	\$9,560.00	\$9,560.00	100%	0%	100%	\$ 9,560.00	\$ 9,560.00
M2	Provide And Install Ultrasonic Level Transmitter And SCADA/ Telemetry Equipment To Calculate And Transmit Flowrate Over Weir.	1	LS	\$14,230.00	\$14,230.00		100%	100%	\$ -	\$ 14,230.00
E1	Provide And Install Electromagnetic Insertion Flow Meter Per Item #18 On Sheet M9 Addenda #2. Link Flow Meter To Telemetry System In Item E1	1	LS	\$23,050.00	\$23,050.00	80%	20%	100%	\$ 18,440.00	\$ 23,050.00
E2	Provide Level Transmitter And Wire To Existing SCADA System At Kern Outlet Site	1	LS	\$2,480.00	\$2,480.00	0%	0%	0%	\$ -	\$ -
All1	Optional Onsite Data Recording Capabilities At All Sites (In Addition To Transmission Pricing Above)	1	LS	\$5,990.00	\$5,990.00	0%	0%	0%	\$ -	\$ -
All2		1	LS	\$2,095.00	\$2,095.00	100%	0%	100%	\$ 2,095.00	\$ 2,095.00
							0%	0%	\$ -	\$ -
							0%	0%	\$ -	\$ -
				Total Contract Amount Including CO's:						
				Balance to Finish						
				\$98,077.00						
				\$15,355.00						
				Total Completed to Date:						\$ 82,722.00
				Retainage						\$ (8,272.20)
				Less Previous Billings:						\$ (21,402.00)
				Current Invoice:						\$ 53,047.80
				Balance To Finish						\$15,355.00

Signatures:
 J-2 Contracting Co.

By: _____ Date: 5/3/13

Town of Windsor

By: _____ Date: _____



301 Walnut Street
 Windsor, CO 80550
 Office 970-674-2400
 Fax 970-674-2456

<i>Finance Department</i>	
Vendor #	6837
Obligation #	100071

5-17-13

PAYMENT REQUEST

INVOICE NUMBER: 4160	Notes:
VENDOR: Frchetti Engineering, Inc.	
DBA	
(IF OTHER THAN VENDOR)	
Address: 5325 S. Valentia Way	
Greenwood Village, CO 80111	
Phone:	
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
4/25/2013	Wade Willis	<i>[Signature]</i>	<i>[Signature]</i>

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	8456 ✓	UFP	Engineering services - UFP	\$3,267.47
				TOTAL	\$3,267.47

Frachetti Engineering, Inc.
Greenwood Village, CO 80111

Invoice

Invoice #	4160
Date	4/25/2013

Bill To:

Town of Windsor
301 Walnut Street
Windsor, Colorado 80550
ATTN: Wade Willis

Project Task
W13-0090 - 2013 CIP - Universal Products

Description	Item	Qty	Rate	Amount
WDSR:W13-0090 - 2013 CIP - Universal Products				
Professional Services provided thru 4/25/13:				
Summary of Work Performed: Site visit. Review survey data, acquire additional survey, preliminary P&P. Review system hydraulics. Analyze hydraulic analysis. Conceptual design. Prepare cost estimate for construction of improvements. Project coordination with Town and King rc: survey of upstream and downstream constraints. Draft and review technical memo.				
Bob Orsatti, P.E.	910-2 Principal Engineer	1	160.00	160.00
Cort Nickel, P.E.	610-1 Project Manager	15	145.00	2,175.00
Phillip Sack	510-5 Senior Engineer	1	130.00	130.00
Jamie Pappas, P.E.	510-4 Senior Engineer	6	130.00	780.00
Anita Hardy	010-3 Senior Admin Services	0.25	70.00	17.50
Subtotal for FEI Professional Services				3,262.50
Reimbursable Expenses:				
CDN 4/13 Exp Rpt, 3/28/13 Mtg with local contractor to discuss design concept	IRS Mileage Rate 2013	8	0.565	4.52
Subtotal for Reimbursable Expenses	Reimbursable Expense Markup		10.00%	0.45
				4.97
TOTAL for TASK				3,267.47

			Total	\$3,267.47
--	--	--	--------------	------------

Terms	Due Date
Net 30	5/25/2013

Payments/Credits	\$0.00
Balance Due	\$3,267.47



301 Walnut Street
 Windsor, CO 80550
 Office 970-674-2400
 Fax 970-674-2456

<i>Finance Department</i>	
Vendor #	0837
Obligation #	100072

5-17-13

PAYMENT REQUEST

INVOICE NUMBER: 4159	Notes:
VENDOR: Frchetti Engineering, Inc.	
DBA	
(IF OTHER THAN VENDOR)	
Address: 5325 S. Valentia Way	
Greenwood Village, CO 80111	
Phone:	
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
4/25/2013	Wade Willis	<i>[Signature]</i>	<i>[Signature]</i>

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	8456 ✓	WL Flow	Engineering services - SCADA	\$1,757.50
				TOTAL	\$1,757.50

Frchetti Engineering, Inc.
Greenwood Village, CO 80111

Invoice

Invoice #	4159
Date	4/25/2013

Bill To:

Town of Windsor
301 Walnut Street
Windsor, Colorado 80550

Project Task
Task 2 - Construction Admin

Description	Item	Qty	Rate	Amount
WDSR:W13-0084-Kern Reservoir & Ditch Co(SCADA):Task 2 - Construction Admin				
Professional services provided thru 4/25/13:				
Summary of Work Performed: Site inspections. Review Parshall flume. Discussions with Wade Willis regarding final acceptance of 24" Parshall flume and Town payment to J-2. Project management and coordination. Process submittal #002.				
Cort Nickel, P.E.	610-1 Project Manager	12	145.00	1,740.00
Ernestine Trujillo	010-1 Senior Admin Services	0.25	70.00	17.50
Subtotal for FEI Professional Services				1,757.50
TOTAL for TASK				1,757.50
			Total	\$1,757.50

Terms	Due Date
Net 30	5/25/2013

Payments/Credits	\$0.00
Balance Due	\$1,757.50



301 Walnut Street
 Windsor, CO 80550
 Office 970-674-2400
 Fax 970-674-2456

Finance Department	
Vendor #	401
Obligation #	100206

5/30/13

PAYMENT REQUEST

INVOICE NUMBER: 133713	Notes: KRDC EXPENSE
VENDOR: King Surveyors	
DBA (IF OTHER THAN VENDOR)	
Address: 650 E. Garden Drive Windsor, CO 80550	
Phone: (970) 686-5011	
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
5/21/2013	Wade Willis	<i>Wade Willis</i>	

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	8456 ✓	WL Flow	Draft easement description, locate utility trench	\$557.50
				TOTAL	\$557.50

INVOICE

KING SURVEYORS, INC.
 650 GARDEN DRIVE
 WINDSOR, CO 80550
 PH (970)-686-5011 FAX 686-5821
 TAX ID #84-1255208

DATE	INVOICE #
5/21/2013	133713

BILL TO

TOWN OF WINDSOR
 301 WALNUT STREET
 WINDSOR, CO 80550
 ATTN: WADE WILLIS

14-484-8456

WL

P.O. NO.	TERMS	PROJECT
	DUE ON RECEIPT	2013213

QUANTITY	DESCRIPTION	RATE	AMOUNT
1.5	2-MAN CREW	133.00	199.50
4.25	SENIOR CAD TECHNICIAN	76.00	323.00
0.5	CAD TECHNICIAN I	70.00	35.00
BILLING 4-15-13 - 5-11-13 - WINDSOR TOWN HOMES - DRAFT EASEMENT DESCRIPTION AND EXHIBIT, LOCATE UTILITY TRENCH AND TIE TO BOUNDARY			
ALL INVOICES OUTSTANDING MORE THAN 90 DAYS WILL BE ASSESSED INTEREST OF 1.5% ON THE UNPAID BALANCE		Total	\$557.50



301 Walnut Street
 Windsor, CO 80550
 Office 970-674-2400
 Fax 970-674-2456

<u>Finance Department</u>	
Vendor #	6837
Obligation #	100406

PAYMENT REQUEST

INVOICE NUMBER: 4190	Notes:
VENDOR: Frchetti Engineering, Inc.	
DBA (IF OTHER THAN VENDOR)	
Address: 5325 S. Valentia Way Greenwood Village, CO 80111	
Phone:	KRDC EXPENSE
Fax:	

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
5/25/2013	Wade Willis		

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	8456 ✓	UFP	Engineering services - UFP	\$2,936.20
				TOTAL	\$2,936.20

Frchetti Engineering, Inc.
 Greenwood Village, CO 80111

Invoice

Bill To:

Town of Windsor
301 Walnut Street
Windsor, Colorado 80550
ATTN: Wade Willis

Invoice #	4190
Date	5/25/2013

Project Task
W13-0090 - 2013 CIP - Universal Products

Description	Item	Qty	Rate	Amount
WDSR:W13-0090 - 2013 CIP - Universal Products				
Professional services provided thru 5/25/13:				
Summary of Work Performed: Review the project work plan, the sub consultant proposal, survey drawing and CAD file. Visit the site with the Town of Windsor staff to acquire additional survey data and coordinate with the design engineer. Work performed on hydraulics.				
Cort Nickel, P.E.	610-1 Project Manager	5.5	145.00	797.50
Phillip Sack	510-5 Senior Engineer	11.25	130.00	1,462.50
Bob Orsatti, P.E.	910-2 Principal Engineer	0.5	160.00	80.00
Subtotal for FEI Professional Services				2,340.00
Reimbursable Expenses:				
KSI Inv #133665 - Whitney Ditch - Topographic Survey	Surveying	1	542.00	542.00
Subtotal for Reimbursable Expenses	Reimbursable Expense Markup		10.00%	54.20
				596.20
TOTAL for TASK				2,936.20

Total \$2,936.20

Payments/Credits \$0.00

Balance Due \$2,936.20

Terms	Due Date
Net 30	6/24/2013

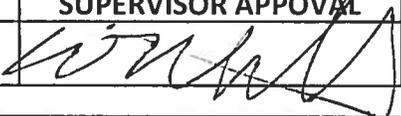


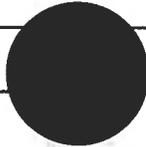
301 Walnut Street
 Windsor, CO 80550
 Office 970-674-2400
 Fax 970-674-2456

Finance Department	
Vendor #	6837
Obligation #	100407

PAYMENT REQUEST

INVOICE NUMBER: 4192	Notes:
VENDOR: Frchetti Engineering, Inc.	
DBA	
(IF OTHER THAN VENDOR)	
Address: 5325 S. Valentia Way	
Greenwood Village, CO 80111	
Phone:	
Fax:	KRDC EXPENSE

INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
5/25/2013	Wade Willis		

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	8456	WL Flow	Engineering services - SCADA	\$77.50
					
				TOTAL	\$77.50

Frchetti Engineering, Inc.
Greenwood Village, CO 80111

Invoice

Bill To:

Town of Windsor
301 Walnut Street
Windsor, Colorado 80550

Invoice #	4192
Date	5/25/2013

Project Task
Task 2 - Construction Admin

Description	Item	Qty	Rate	Amount
WDSR:W13-0084-Kern Reservoir & Ditch Co(SCADA):Task 2 - Construction Admin				
Professional services provided thru 5/25/13: Cort Nickel, P.E.	610-1 Project Manager	2.5	145.00	362.50
Professional services expended and not billed	Fee Adjustment		-285.00	-285.00
Subtotal for FEI Professional Services				77.50
TOTAL for TASK				77.50

Total \$77.50

Payments/Credits \$0.00

Balance Due \$77.50

Terms	Due Date
Net 30	6/24/2013



301 Walnut Street
 Windsor, CO 80550
 Office 970-674-2400
 Fax 970-674-2456

<i>Finance Department</i>	
Vendor #	6373
Obligation #	100490

PAYMENT REQUEST

INVOICE NUMBER: 0195 MAY2013	Notes:
VENDOR: Card Services	
DBA	
(IF OTHER THAN VENDOR)	
Address: P.O. Box 875852	
Kansas City, MO 64187-5852	
Phone: (800) 821-5184	
Fax:	

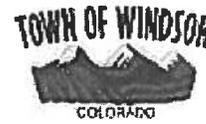
INVOICE DATE	PROCESSED BY	SUPERVISOR APPROVAL	DEPT. HEAD APPROVAL
5/24/2013	Wade Willis	<i>[Signature]</i>	

BUDGET LINE ITEM					
FUND	DEPT.	FUNCTION	PROJECT	DESCRIPTION	TOTAL
14	484	8456	<u>BW Well</u>	TOW Permit - Irrigation well at BW Park	\$28.75
				TOTAL	\$28.75

Irrigation well @ BW

RECEIPT

Receipt #: 00001



Town of Windsor
BUILDING DIVISION
301 Walnut Street
970-686-7476 Fax 970-686-7180

Permit #: 13WIN-00549
Application Type: Misc./One Stop / Electrical Service Change / One Stop
Address: 100 N 5th Street
Windsor, CO

Payment Method: CC
Reference No.:
Amount Paid: \$28.75
Payment Date: 2013-05-15 14:17:14

Payment From: Wade Willis Town of Windsor
Fund Transfer To: 13WIN-00549
Cashier: Joy Liberty

Comments:
Owner Info: Town of Windsor (Wade Willis)
301 Walnut st
Windsor, CO 80550

Work Description: service for irrigation well
Valuation: \$2600.00

Table with 3 columns: Fee Item, Account Code, Amount. Rows include Building Admin Fee (\$28.75) and Total Fee Amount (\$28.75).

Other Payment(s): \$115.00
Balance: \$0.00

TOWN OF WINDSOR
301 WALNUT STREET
WINDSOR, CO 80550
970 674-2400
THANK YOU!

Merchant ID: 6200071010
Term ID: 1010

Sale

VISA
XXXXXXXXXXXX0195
Entry Method: Swiped
Apprvd: Online Batch#: 000006
05/15/13 13:14:08
Inv#: 00000001 Appr Code: 015508
Total: \$ 28.75

Customer Copy
THANK YOU!



MEMORANDUM

Date: July 8, 2013
To: Kern Reservoir Board
From: Wade Willis, Parks and Open Space Manager
Via: Kelly Arnold, Town Manager
Re: Non Potable Master Plan - Boardwalk Park Well
Item #: KB 5

Background / Discussion:

The Town's non-potable water master plan recommended re-drilling the Boardwalk Park Well to help reduce the demand on water from the Kern Reservoir. Use of the well ceased once the park started to undergo reconstruction in 2005, production from the well at that time had significantly reduced and could barely irrigate the approximately 2 acres of turf on site. Boardwalk now has just over 6 acres of turf.

Staff has been working to determine the most effective way to maximize the use of the well because the decreed use is 40 gallons per minute and the park irrigates at over 120-240 gallons per minute. The original concept was to pump the well directly into the existing pressurized system, however that would limit the amount of water we could use at any one time, and would require quite a bit of infrastructure to get the regional pump station and well pump to work in tandem. Lastly, we impose a water window between 9:00 p.m. to 9:00 a.m.

Staff requested that our water attorney and water engineer inquire to Water Court as to whether the water could be pumped directly into the lake. Fortunately no objections were filed and the court approved this methodology. This enables the Town to pump an equivalent amount of water actually needed for irrigating the park directly into the lake, where it is stored just long enough to pump through the regional pump station. This meets the needs of the park at almost 100%. Another benefit of this plan is that the ground water is accounted for under the Augmentation Plan called the Poudre Plan which is a long established regional augmentation plan.

Financial impact:

\$36,700 was budgeted on 2013, still acquiring final bids.

Recommendation:

For information purposes only.

Attachments:

- a. None



MEMORANDUM

Date: July 8, 2013
To: Kern Reservoir Board
From: Wade Willis, Parks and Open Space Manager
Via: Kelly Arnold, Town Manager
Re: Update on SCADA Improvements
Item #: KB 6

Background / Discussion:

The Town has continued to implement SCADA improvements that were started in 2011. The SCADA improvements project was started due to the Kern Reservoir Change Case which required additional monitoring of water coming in to and being distributed out of Windsor Lake / Kern Reservoir. SCADA stands for Supervisory Control And Data Acquisition; this enables operations staff to receive real time data on how much water is flowing where a measurement structure has been installed. It also enables staff in some cases to adjust flows from their computer or handheld device. SCADA has also automated several functions in the system to ensure adequate water is flowing to meet obligations and will send an alarm if something is not working correctly. The 2011 improvements included about 5 structures primarily accounting for all water coming into the reservoir and the Kern outlet to the Kern Ditch. Improvements in 2012 included another 5 measurement structures at some of the key diversions along the Kern ditch and a structure on the Springer Canal to ensure winter flows (junior water) is measured. 2013 improvements included a new Parshal flume at the Chimney Park splitter box, improved measurement systems for the Chimney pump station, and an automated gate to respond to storm flows south of Chimney Park.

Other improvements related to the Kern system also include design of a concrete pipe through Universal Forest Products east of 257. Currently this is an open channel which delivers year round water as a part of the augmentation system; encasing will reduce maintenance costs and water loss through this area. Funding request for construction will be submitted for 2014.

Financial impact:

No immediate financial impact. Any implementation, whether phased or not, would be subject to annual budget requests.

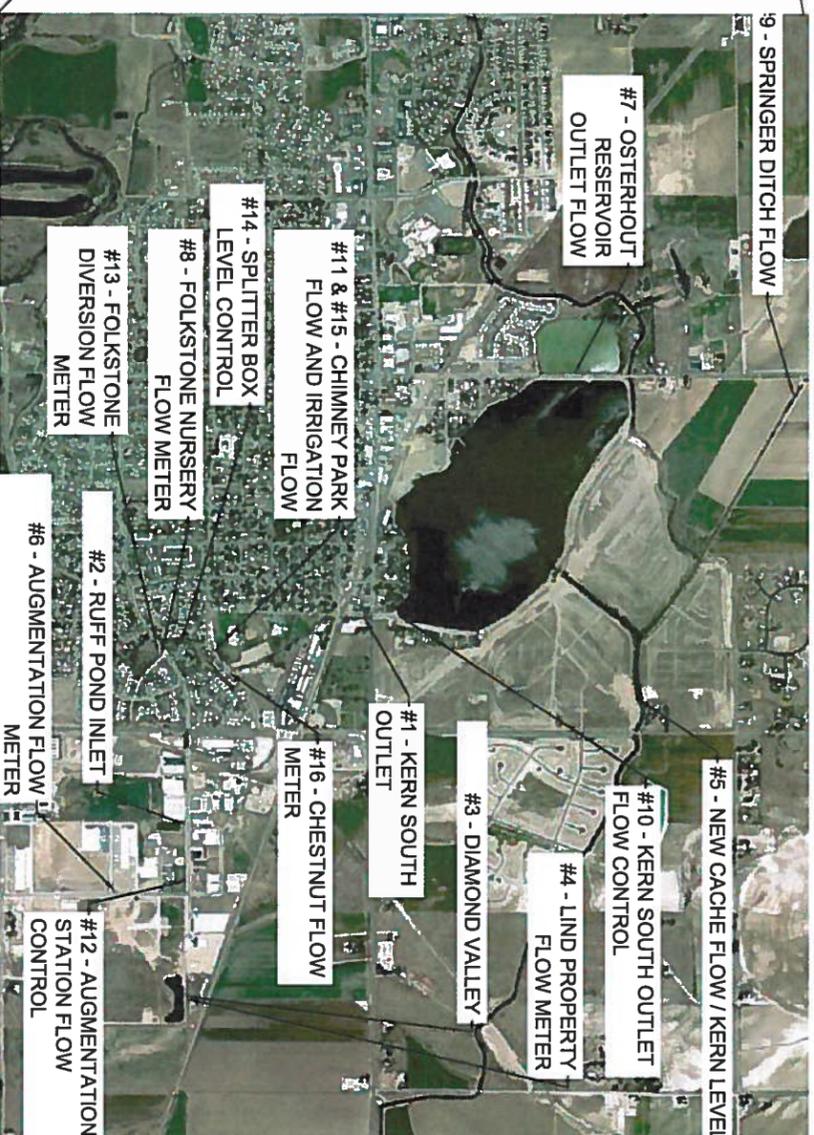
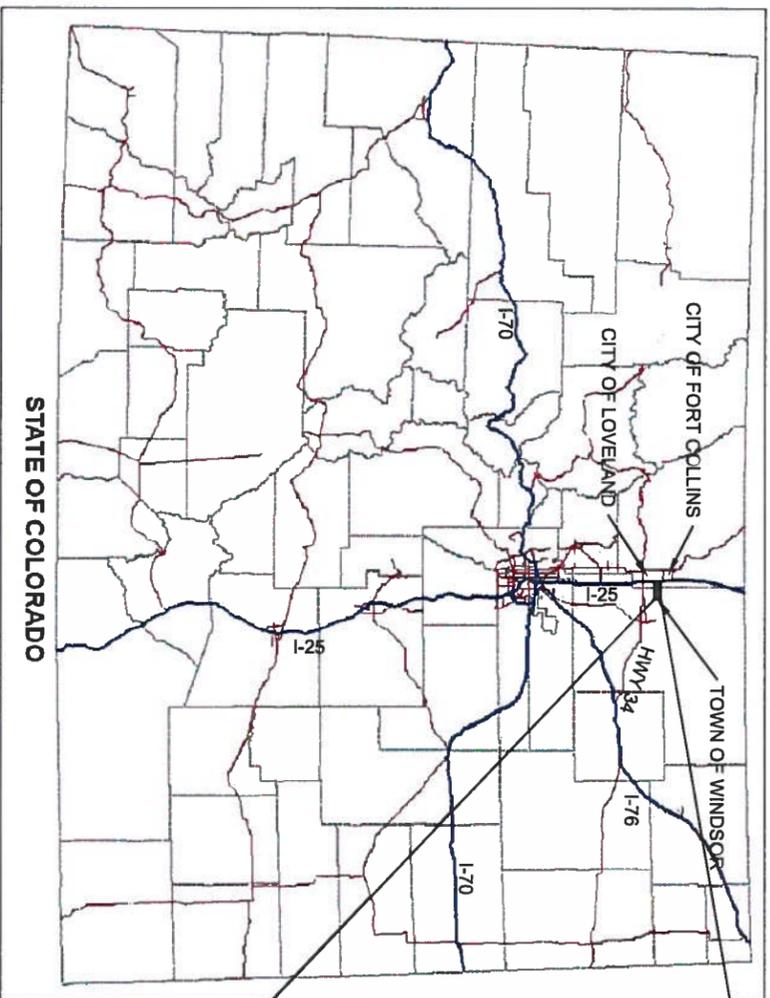
Recommendation:

For information purposes only.

Attachments:

- b. Sheet on of the Kern Reservoir and Ditch Company Flow Measurement / SCADA Improvements.

KERN RESERVOIR AND DITCH COMPANY FLOW MEASUREMENT / SCADA IMPROVEMENTS



INDEX TO DRAWINGS

C1	COVER SHEET
C2	GENERAL NOTE SHEET
M1	SPRINGER DITCH FLOW (#9)
M2	DIAMOND VALLEY / LIND PROPERTY (#3 & #4)
M3	KERN SOUTH OUTLET (#1)
M4	FOLKSTONE NURSERY METER (#13)
M5	AUGMENTATION FLOW CONTROL (#8)
M6	RUFF POND INLET (#2)
M7	KERN SOUTH OUTLET FLOW CONTROL (#10)
M8	SPLITTER BOX LEVEL CONTROL (#14)
M9	CHIMNEY PARK FLOW CONTROL / IRRIGATION FLOW METER (#15)
M10	CHESTNUT FLOW METER (#16)
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EC1	ELECTRICAL/SCADA
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EC3	ELECTRICAL/SCADA



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Town of Windsor
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Windsor, CO 80550
(970) 686-7476



**Know what's Below.
Call before you dig.**

<p>KERN RESERVOIR AND DITCH COMPANY FLOW MEASUREMENT/SCADA IMPROVEMENTS</p> <p>COVER SHEET</p>	<p>PROJECT: 10-210</p> <p>DESIGNED BY: AKP</p> <p>DRAWN BY: AKP</p>	<p>DATE: 11/18/2010</p> <p>SCALE: N.T.S.</p> <p>REVIEWED BY: CDN</p>	<p>water rights • planning • engineering</p>	<p>8010 SOUTH COUNTY ROAD 5, SUITE 105 WINDSOR, CO 80528 PHONE: 970.223.3706 FAX: 970.223.3783 www.clearwatercolorado.com</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">NO.</th> <th style="width: 85%;">DRAWINGS ISSUED:</th> <th style="width: 10%;">BY:</th> <th style="width: 10%;">DATE:</th> </tr> <tr> <td style="text-align: center;">1</td> <td>BIDDING DOCUMENTS</td> <td style="text-align: center;">AKP</td> <td style="text-align: center;">11-18-2010</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DRAWINGS ISSUED:	BY:	DATE:	1	BIDDING DOCUMENTS	AKP	11-18-2010								
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<p>SHEET C1</p> <p>OF 18 SHEETS</p>																						