

Edmund M Thomas
 25431 Mountain Dr.
 Arlington, WA 98223
 Meadow Ridge Lot 15 Division #1

RECEIVED
 RECORDS MANAGEMENT
 03 FEB 27 AM 8: 22
 STATE OF WASH.
 UTIL. AND TRANSP.
 COMMISSION

February 23, 2003

Washington Utilities and Transportation Commission
 P.O. Box 47250
 Olympia, WA 98504-7250

RE: UW-021667 Thomas Water Service / Meadow Ridge Rate Increase

This letter is being written due to my concern of the proposed rate increase to the Meadow Ridge home owners. As explained in my earlier letter dated January 19, 2003 (marked exhibit 15 by Meadow Ridge board members on their submittal for January hearing) that I work for Thomco Const., Inc. Thomco is an earthwork and utilities contractor. I am an owner/estimator/project manager for the company. I have lived in Meadow Ridge since January 1978 and am quite familiar with the original water system. I helped install the original water system when it was owned by my father Myron Thomas. As an estimator/project manager, I am used to reviewing and approving invoices for construction. Though not directly involved in the recent development of Kackman Creek, I was asked by Tom McDermott to give a proposal for work on the development. This gave me familiarity with the project.

After reviewing the invoices submitted by Thomas Water Service, several items appear to be billed unjustly. This would basically stem from the fact that a 25% Meadow Ridge / 75% Kackman Creek(Ironwood) split was setup and even that split in the billing of the invoices was not followed. When items involved specifically Meadow Ridge then Meadow Ridge was billed 100%. When joint work done or only Ironwood work then the split came into effect. Meadow Ridge was an established water system. Kackman Creek(Ironwood) was a new development needing new designs and public hearings to be approved. Meadow Ridge has had very minimal improvements to the system in the last 10 years and did not need additional public hearings. Kackman Creek is a totally new system and has over three times more water services.

Invoice # / Subcontractor	Total Invoice	Billed Meadow Ridge	Billed Ironwood	Over billed Meadow Ridge Billing	Description
Aquatech					
120181	332.64	83.16	249.48	83.16	Work was for Meadow Brook System
Associated Earth Sciences, Inc.					
7803	1,109.87	277.47	832.40	277.47	M.R. did not need public hearings
Cascade Surveying & Engr.					
31838	3,399.75	3,399.75	-	-	? Precedence charging M.R.100%design
32031	4,268.75	4,268.75	-	-	? Precedence charging M.R.100%design
32192	420.00	420.00	-	-	? Precedence charging M.R.100%design
More invoices can be shown of 100% charge M.R. but left off for redundancy, therefore Ironwood charges without M.R. work should be billed 100% Ironwood					
34013	4,456.25	4,456.25	-	3,342.19	this assumes M.R. benefits from the monitoring wells installed. Ironwood split Hayes Drilling / Associated Earth Science 25% / 75% but did not split engineering of this work (see also Hayes and A.E.S. invoices enclosed).

Continued

Invoice # / Subcontractor	Total Invoice	Billed Meadow Ridge	Billed Ironwood	Over billed Meadow Ridge Billing	Description
34200	1,800.00	1,800.00	-	1,350.00	Work Ironwood design / hearing presentation
34250	9,228.75	9,228.75	-	6,921.56	Work Ironwood design / hearing presentation
34271	5,983.75	1,495.94	4,487.81	4,487.81	Work Ironwood design / hearing presentation
34427	6,919.99	1,730.00	5,189.99	5,189.99	Work Ironwood design / hearing presentation
34593	1,597.23	1,597.23	-	1,197.92	Work Ironwood design / hearing presentation
34742	1,571.46	1,571.46	-	1,178.60	Work Ironwood design
34745	6,487.50	1,621.88	4,865.63	1,621.88	Work is all for Ironwood
34951	2,227.50	556.88	1,670.63	556.88	Work is all for Ironwood
34956	1,888.34	1,888.34	-	1,020.67	Deduct Meadowbrook work split 50/50
35039	8,361.25	2,090.31	6,270.94	2,090.31	Work is all for Ironwood
35217	2,050.00	2,050.00	-	1,537.50	Work is all for Ironwood
35226	11,825.00	2,956.25	8,868.75	2,956.25	Work is all for Ironwood
35346	12,528.75	3,132.19	9,396.56	3,132.19	Work is all for Ironwood

\$ 36,944.37 Total of items noted that are over billed on
Thomas Water Capitol Cost Summary

The allocations of the listed invoices were not properly charged. Meadow Ridge was unjustly over billed in these invoices. I would be willing to meet with you to discuss these items.

Sincerely,
Edmund M Thomas



Lot 15 Meadow Ridge Div. #1



"An Equal Opportunity Employer"
303 N. Olympic Ave. ** Arlington, WA 98223
Phone (360) 435-2110 ** Fax (360) 435-7244

January 19, 2003

Cost Estimate
Re: Meadow Ridge Water System Improvements

Note: Cost estimate is based on asbuilt drawings provided by Snohomish County PUD and drawn by Cascade Surveying & Engineering dated 4/29/97 sheets 1 thru 3 of 3. The purpose of this proposal is to verify charges assigned by Thomas Water Service regarding rate increase proposal to Meadow Ridge Homeowners. The following proposal is based on improvements added to the existing water service and compared to what was charged.

Account 343 Transmission & Distribution Plant: Transmission and Distribution Mains

Table with columns: Description, Quantity, Units, Unit Price, Estimate, Billed. Rows include Materials / Equipment / Labor (PVC, Bends, Valves, Conduit, etc.), Engineering, and Thomas Water Acquisition Meadow Ridge.

estimate overbilled under transmission & distribution mains \$72,031.18

Note: Prices under billed column were based on information from Washington Water Service Company in letter to Ms. Carole Washburn, Secretary. Dated December 17, 2002. May it be noted that my father stated to me (see enclosed letter) that he only received \$10,000 in the acquisition of Thomas Water Service and I noticed \$4,395.20 / \$9,339.80 / \$1,489.70 / \$2,847 / \$8,241 / \$30,217 for a total of \$56,529.70 billed under several columns.

Thomco Construction is an earthwork and utilities contractor. I am an owner and estimator for the company. I have lived in Meadow Ridge since January 1978 and am quite familiar with the original water system. I helped install the original system when it was owned by my father Myron Thomas. This proposal is an accurate estimate based on these asbuilts drawings provided by the PUD and my experience working in the construction field.

Excluded: Meter Installation & Hydrant (work preformed by PUD)

Sincerely,
Thomco Const., Inc. By
Edmund M Thomas V.P.

Aquatech

Aquatech Well Drilling + Pumps
 72 Butler Creek Rd
 Sedro Woolley WA 98284
 360-724-6005

120181

OLD TO: Thomas Water Co. / Reston Companies		SHIPPED TO Same / AESI	
ADDRESS: 16301 N.E. 8th St. Suite 208		ADDRESS Meadow Brook System	
CITY: Bellevue	STATE: WA	CITY: Arlington	STATE / ZIP: WA
ZIP: 98008			
CUSTOMER'S ORDER 7701-50	SALESPERSON	TERMS	DATE 1-19-98

2	Iron Samples	18 ⁰⁰	36 ⁰⁰
2	Manganese Samples	18 ⁰⁰	36 ⁰⁰
2	Nitrate - N Samples	18 ⁰⁰	36 ⁰⁰
2	Bacteria Samples	30 ⁰⁰	60 ⁰⁰
3.5	hrs. Labor Meadow Brook & Meadow Ridge	40 ⁰⁰	140 ⁰⁰
	Subtotal		308 ⁰⁰
	STC 3100	8.0	24 ⁶⁴
	Total Due		332 ⁶⁴

Net 10th

Thank You! Ron

Meadow Brook Testins

7/25

25% billed M.R.
 G.M.J. & O

Meadow Brook System NOT
 part of Meadow Ridge
 G.M.J.

INVOICE

314



ASSOCIATED
EARTH
SCIENCES, INC

911 5th Avenue Suite 100
KIRKLAND, WASHINGTON 98033
(206) 827-7701

July 19, 1996

Thomas Water Service, Inc.
4911 252nd Street NE
Arlington, WA 98223

INVOICE NO: 7803
PROJECT NO: W95247C
McDermott Public Hearing
TWSI/CJK

Attention: Tom McDermott

PROFESSIONAL SERVICES: Recorded through July 2, 1996.
RE: McDermott Public Hearing

Public Hearings

Associate Hydrogeologist	12.0 hrs @ \$88/hr	\$1056.00
Travel	110 miles @ \$0.38/mi	41.80
Parking		12.07

Public Hearings
Beni Sit Iron wood
Development
EMJ \$0

~~appearing~~
~~to~~
\$277.47
1/4 to MR

25% Billed MR
EMJ

ph 8-12-96
#1283

TOTAL DUE THIS BILLING

\$1109.87

PLEASE REMIT YELLOW COPY!!!

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 31838
 April 24, 1996
 Page number 1

MCDERMOTT/THOMAS WATER SYSTEM
 4911 - 252ND ST NE
 ARLINGTON, WA 98223

OK
J.W.C. Review & Design Existing System

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 1 SURVEY

Professional Service

Hours Rate Amount

ASBUILTS

4-23-96	8.00	56.00	448.00
4-23-96	8.00	56.00	448.00

Services total 16.00 896.00

Charges sub-total 896.00

Project 11784 2 ENGINEERING

Professional Service

Hours Rate Amount

ASBUILTS

4-22-96	3.50	50.00	175.00
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INTEROFFICE CONSULTATION

4-11-96	.50	55.00	27.50
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4-22-96	2.00	70.00	140.00
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4-23-96	1.50	70.00	105.00
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ONSITE REVIEW

4-19-96	7.00	50.00	350.00
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4-22-96	4.50	50.00	225.00
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4-23-96	8.50	50.00	425.00
---------	------	-------	--------

4-17-96	1.50	70.00	105.00
---------	------	-------	--------

4-19-96	7.00	70.00	490.00
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RESEARCH & QUANTITY CALCS.

4-12-96	.75	55.00	41.25
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4-16-96	1.50	70.00	105.00
---------	------	-------	--------

4-18-96	4.00	70.00	280.00
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PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 31838

April 24, 1996

Page number 2

Project 11784

WATER SYSTEM DESIGN: 27/28-35-5

Professional Service

Hours

Rate

Amount

SETUP FIELD CREW

4-22-96

.50

70.00

35.00

Services total

42.75

2,503.75

Charges sub-total

2,503.75

BALANCE DUE THIS INVOICE

3,399.75

100% Billed MR.
EMJ
Appears OK

All of design charged
MR. - Presence set
of no splitting
EMJ

EMJ
\$543.96 - Source & Supply Plant: Wells
\$2,859.79 - Trans & Distr. Plant & Distr. Mains
3,403.75 Billed

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 32031
 May 29, 1996
 Page number 1

MCDERMOTT/THOMAS WATER SYSTEM
 4911 - 252ND ST NE
 ARLINGTON, WA 98223

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 1 SURVEY

Professional Service	Hours	Rate	Amount
ASBUILTS			
4-24-96	7.50	56.00	420.00
4-24-96	7.50	56.00	420.00
Services total	15.00		840.00
	Charges sub-total		840.00

Project 11784 2 ENGINEERING

Professional Service	Hours	Rate	Amount
ASBUILTS			
4-24-96	2.00	50.00	100.00
CAD DRAFTING			
5-01-96	1.00	55.00	55.00
5-02-96	4.00	55.00	220.00
5-03-96	2.00	55.00	110.00
5-06-96	6.00	55.00	330.00
5-07-96	5.75	55.00	316.25
5-08-96	6.00	55.00	330.00
CONTRACT SUPERVISION			
4-30-96	2.50	70.00	175.00
5-01-96	1.50	70.00	105.00
5-06-96	2.00	70.00	140.00
5-08-96	2.00	70.00	140.00
ENGINEERING			
4-30-96	1.00	70.00	70.00
5-07-96	3.00	70.00	210.00
5-09-96	1.00	70.00	70.00

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Subject 11784 WATER SYSTEM DESIGN:27/28-35-5

Professional Service	Hours	Rate	Amount
INTEROFFICE CONSULTATION			
	4-24-96	1.50	70.00
	4-29-96	.50	70.00
	5-02-96	1.50	70.00
	5-03-96	1.50	70.00
	5-14-96	1.00	70.00
MEET WITH CLIENT			
	5-14-96	.50	70.00
NOTE REDUCTION			
	4-30-96	1.00	55.00
	5-01-96	4.50	55.00
ONSITE REVIEW			
	4-24-96	6.00	50.00
Services total	57.75		3,428.75
Charges sub-total			3,428.75
BALANCE DUE THIS INVOICE			4,268.75

M.R. Billed 100%
EMJ
Appears OK

All of design
charged M.R.
no split EMJ

Billed M.R.
\$683.00 - Source & Supply Plant.
3,585.75 - Trans & Dist. Plant & Dist Mains
4,268.75
EMJ

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 32192
 June 19, 1996
 Page number 1

MCDERMOTT/THOMAS WATER SYSTEM
 4911 - 252ND ST NE
 ARLINGTON, WA 98223

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 2 ENGINEERING

<u>Professional Service</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
CONTRACT SUPERVISION			
	5-30-96	1.00	70.00
	6-14-96	1.00	70.00
INTEROFFICE CONSULTATION			
	6-11-96	1.00	70.00
MEET WITH CLIENT			
	6-11-96	1.00	70.00
ONSITE MEETING			
	6-06-96	2.00	140.00
Services total	6.00		420.00
Charges sub-total			420.00
BALANCE DUE THIS INVOICE			420.00

Billed Mr.
 100% EMJ
 appears ok

Billed Mr.
~~\$ 352.80~~ - Trans & Dist - Plant
~~67.20~~
 \$ 420.00 EMJ

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 34013
 May 28, 1997
 Page number 1

MCDERMOTT/THOMAS WATER SYSTEM
 MEADOW RIDGE WATER
 4911 - 252ND ST NE
 ARLINGTON, WA 98223

 Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 2 ENGINEERING

Professional Service

	Hours	Rate	Amount	
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CAD DRAFTING				
4-29-97 FINALIZE PLAN DOCUMENTS	3.25	60.00	195.00	- MR
4-30-97 "	8.00	60.00	480.00	
5-01-97 "	2.50	60.00	150.00	
5-05-97 "	1.00	60.00	60.00	
5-22-97 "	1.00	60.00	60.00	
5-23-97 "	2.00	60.00	120.00	
CONTRACT SUPERVISION				
5-12-97 COORD. W/PUD, ASSOC. EARTH SCIENCES & HAYS				MR
5-13-97 "	.50	75.00	37.50	
5-21-97 "	.50	75.00	37.50	
ENGINEERING	2.00	75.00	150.00	
5-15-97 PLAN REVIEW	.50	85.00	42.50	- MR
INTEROFFICE CONSULTATION				
5-12-97 COORD. WITH PROJECT STAFF	1.00	75.00	75.00	MR
5-14-97 "	1.00	75.00	75.00	
5-19-97 "	1.00	75.00	75.00	
5-20-97 "	.50	75.00	37.50	
5-21-97 "	1.00	75.00	75.00	
ONSITE MEETING				
5-14-97 MEETINGS W/A.E.S, QUALITY WATER, EVERGREEN WATER	1.00	75.00	75.00	MR
5-16-97 "	2.00	75.00	150.00	
5-19-97 "	2.50	75.00	187.50	
ONSITE REVIEW				
5-14-97 PUMP HOUSE	1.00	75.00	75.00	MR

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 34013
 May 28, 1997
 Page number 2

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Professional Service

Hours Rate Amount

PLAN DESIGN REVIEW			
5-21-97 CONSTRUCTION PLANS	1.00	75.00	75.00 MR
PREPARE REPORT			
5-13-97 SOURCE DEVELOPMENT PROJECT REPORT	1.50	75.00	112.50
5-15-97 "	5.00	75.00	375.00
5-16-97 "	3.00	75.00	225.00
5-19-97 "	2.50	75.00	187.50
5-22-97 "	4.50	75.00	337.50
5-23-97 "	5.00	75.00	375.00
PROJECT MANAGEMENT			
5-23-97	3.00	85.00	255.00
RESEARCH			
5-12-97	1.00	75.00	75.00
5-14-97	1.50	75.00	112.50

7/25
 1867.50
 25% MR

Services total 60.25 4,287.50

Charges sub-total 4,287.50

Project 11784 3 PLANNING

Professional Service

Hours Rate Amount

LEGAL DESCRIPTION			
5-05-97 WELL CONVENANT	1.25	75.00	93.75
PLANNING			
5-15-97	1.00	75.00	75.00

Services total 2.25 168.75 - MR

Charges sub-total 168.75

BALANCE DUE THIS INVOICE 4,456.25

Billed 100% MR
 GMS NO!

2,588.75 - Source of Supply Plant
 1,867.50 - " " " " " "
 4,456.25
 GMS

Per Hayes Billing Same time Montary wells were installed in Ironwood see Hayes Invoice # 18530 - 5/19/97 - GMS
 Hayes Split 25% / 75%

100% Balance of \$2,588.75

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Reuse Bill - 25% M.R. 75% Ironwood
 GMS

HAYES DRILLING



Hayes Drilling, Inc.
 556 Ershig Rd, Bow, WA 98232-9610
 (360) 766-6110, 1-800-729-6110
 Fax: (360) 766-6133
 HAYESDI106J5

(Handwritten initials)

INVOICE

5/19/97	18530	1
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Established 1940

SOLD TO Associated Earth Sciences
 911 5th Ave., Suite 100
 Kirkland, WA 98033

SHIP TO 257th NE
 Arlington, WA

CUSTOMER NO.	REP.	TRAFFIC CODE	JOB NO.	WELL ID NO.	RIG NO.	REP.	TERMS
2436		3100	5250D		90	101	Due On Receipt

QUANTITY	DESCRIPTION	UNIT	PRICE	EXT. PRICE
851004	AUGER MOBILIZATION/DEMOP	1.00 EACH	250.00	250.00
2"	MONITORING WELL #1	70.00 FT	26.00	1820.00
2"	MONITORING WELL #2	14.00 FT	37.00	518.00
2"	MONITORING WELL #3	19.50 FT	33.50	653.25
2"	MONITORING WELL #4 5' EACH	19.50 FT	33.50	653.25
2	MONITORING WELL #5	19.50 FT	33.50	653.25
2"	MONITORING WELL #6	28.00 FT	29.00	812.00
2"	MONITORING WELL #7	18.00 FT	33.50	603.00
2"	MONITORING WELL #8	21.00 FT	33.50	703.50
850504	AUGER DRILLING 4-1/4"	208.50 FT		0.00
852010	AUGER RIG/LABOR RATE INSTALLATION	9.50 HR		0.00
852070	AUGER DAILY MOB	1.00 DAY		0.00

(Handwritten signature: OK EMD)

SUB-TOTAL

SALES TAX

FREIGHT

TOTAL

CONTINUED

HAYES DRILLING



Hayes Drilling, Inc.
 556 Ershig Rd, Bow, WA 98232-9610
 (360) 766-6110, 1-800-729-6110
 Fax: (360) 766-6133
 HAYESDI106JS

Established 1940

INVOICE

INVOICE

4/18/97	18437
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SOLD TO Thomas Water Service
 ATTN: Tom McDermott
 4911 252nd St. NE
 Arlington, WA 98223

SHIP TO 257th NE
 Arlington, WA

ITEM NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
10110	PUMP CREW LABOR 1 WORKER 4/9 REFUEL GENERATOR	1.50	HOUR	50.00	75.00
10110	PUMP CREW LABOR 1 WORKER 4/10 REFUEL GENERATOR	1.50	HOUR	50.00	75.00
10110	PUMP CREW LABOR 1 WORKER 4/11 PICK UP GENERATOR	1.50	HOUR	50.00	75.00
0120	PUMP CREW LABOR 2 WORKERS 4/15 INSTALL/REMOVE PUMP	4.00	HOUR	60.00	240.00
1103	BACTERIOLOGICAL TEST	1.00	EACH	30.00	30.00
0246	PUMP GENERATOR RENTAL	1.00	LS	1050.00	1050.00
IP, PIPE, WIRE, DISCHARGE RENTAL		1.00	LS	2250.00	2250.00
ER RENTAL		1.00	LS	85.00	85.00
				SUB-TOTAL	5,040.00
				SALES TAX	403.20
				FREIGHT	

Handwritten notes:
 #51443
 2590 M.R.
 9500 Forward
 OK ✓ G.M.J.

911 5th Avenue Suite 100
KIRKLAND, WASHINGTON 98033
(206) 827-7701
Tax ID #91-1135997

May 27, 1997

Tom McDermott
4911 252nd Street NE
Arlington, WA 98223

INVOICE NO: 8532
PROJECT NO: W95247C
Ironwood Ranch Hydro
MCDERM/CJK

PROFESSIONAL SERVICES: Recorded through May 16, 1997.
RE: Ironwood Ranch Hydro Evaluation

Report for TW-1

Associate Hydrogeologist	47.0 hrs @ \$95/hr	\$4465.00
Project Hydrogeologist	1.5 hrs @ \$70/hr	105.00
Technical	4.0 hrs @ \$40/hr	160.00
Clerical	6.7 hrs @ \$30/hr	201.00



Observation Wells

Associate Hydrogeologist	3.0 hrs @ \$95/hr	285.00
Sr. Project Hydrogeologist	40.0 hrs @ \$80/hr	3200.00
Disbursements		250.94
Travel	371 miles @ \$0.38/mi	140.98

Water Level Monitoring/Inventory

Sr. Staff Technician	11.5 hrs @ \$60/hr	690.00
Field Technician	4.5 hrs @ \$50/hr	225.00
Travel	197 miles @ \$0.38/mi	74.86

Water Quality Testing

Subcontracted Laboratory		2194.20
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M.R. - 25%
2,998.00
EMJ ok
M.R. - 25%

TOTAL DUE THIS BILLING \$11,991.98

PLEASE REMIT YELLOW COPY!!!!



**ASSOCIATED
EARTH
SCIENCES, INC**

911 5th Avenue Suite 100
KIRKLAND, WASHINGTON 98033
(206) 827-7701
Tax ID #91-1135997

July 18, 1997

Tom McDermott
4911 252nd Street NE
Arlington, WA 98223

INVOICE NO: 8678
PROJECT NO: W95247C
Ironwood Ranch Hydro Evaluation
MCDERM/CJK

PROFESSIONAL SERVICES: Recorded through July 9, 1997.
RE: Ironwood Ranch Hydro Evaluation

Ground Water Modeling Study


Associate Hydrogeologist	38.0 hrs @ \$95/hr	\$3610.00
Sr. Project Hydrogeologist	75.5 hrs @ \$80/hr	6040.00
Sr. Staff Technician	14.2 hrs @ \$60/hr	852.00
Drafting	11.0 hrs @ \$40/hr.	440.00
Clerical/Word Processing	5.8 hrs @ \$30/hr	174.00
Disbursements (Mileage & Reprographic Services)		47.92
Data Logger Rental	1 @ \$250/each	250.00

TOTAL DUE THIS BILLING

PLEASE REMIT YELLOW COPY!!!!

Payment due 30 days after invoice date.
1.5% penalty per month for payment
after 30 days of invoice date.

\$11,413.92



CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 34200
 June 25, 1997
 Page number 1

MCDERMOTT/THOMAS WATER SYSTEM
 MEADOW RIDGE WATER
 4911 - 252ND ST NE
 ARLINGTON, WA 98223

 Project 11784 WATER SYSTEM DESIGN:27/28-35-5 - MR - 18.
 Project 11784 2 ENGINEERING

Professional Service

	Hours	Rate	Amount

CONTRACT SUPERVISION			
5-28-97	.50	75.00	37.50
ENGINEERING			
6-03-97	1.00	75.00	75.00
HEARING			
6-04-97	6.00	75.00	450.00
PEROFFICE CONSULTATION			
6-04-97	.50	75.00	37.50
6-05-97	1.00	75.00	75.00
6-16-97	.50	75.00	37.50
6-24-97	2.50	75.00	187.50
MEET WITH CLIENT			
6-16-97	2.00	75.00	150.00
PROJECT SUBMITTAL			
5-27-97	6.00	75.00	450.00
5-28-97	3.00	75.00	225.00
RESEARCH			
6-24-97	1.00	75.00	75.00
	-----		-----
Services total	24.00		1,800.00

Charges sub-total			1,800.00

BALANCE DUE THIS INVOICE 1,800.00

(Billed 100% MR, gmd)

*(gmd)
 Should be split
 25% MR ?
 75% Ironwood*

*See well work billing
 work in Ironwood*

PAIABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
PO BOX 326
ARLINGTON, WA 98223
(360) 435-5551

Invoice number 34250
July 15, 1997
Page number 1

MCDERMOTT/THOMAS WATER SERVICE, INC.
MEADOW RIDGE WATER
4911 - 252ND ST NE
ARLINGTON, WA 98223

MR (18)

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 2 ENGINEERING

Professional Service Hours Rate Amount

CONTRACT SUPERVISION

ELDEN MCCALL

7-07-97	1.50	75.00	112.50
7-08-97	1.50	75.00	112.50
7-08-97	1.00	75.00	75.00

ENGINEERING

RANDALL DEVOIR

7-03-97	1.50	85.00	127.50
7-07-97	2.50	85.00	212.50
7-08-97	1.00	85.00	85.00
7-09-97	2.50	85.00	212.50
7-10-97	1.50	85.00	127.50
7-11-97	.75	85.00	63.75

ELDEN MCCALL

6-30-97	1.50	75.00	112.50
7-02-97	.50	75.00	37.50
7-02-97	1.50	75.00	112.50

INTEROFFICE CONSULTATION

ELDEN MCCALL

6-25-97	.50	75.00	37.50
6-30-97	1.00	75.00	75.00
7-03-97	1.00	75.00	75.00
7-07-97	2.50	75.00	187.50
7-08-97	.50	75.00	37.50

MEET WITH CLIENT

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 34250

July 15, 1997

Page number 2

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Professional Service	Hours	Rate	Amount
ELDEN MCCALL			
7-01-97	1.00	75.00	75.00
7-03-97	1.00	75.00	75.00
7-08-97	.50	75.00	37.50
7-08-97	1.50	75.00	112.50
MEET WITH REVIEW AGENCY			
ELDEN MCCALL			
6-25-97	.50	75.00	37.50
ONSITE MEETING			
ELDEN MCCALL			
7-02-97	3.50	75.00	262.50
PREPARE REPORT			
ELDEN MCCALL			
6-30-97	1.50	75.00	112.50
7-01-97	4.00	75.00	300.00
7-02-97	3.50	75.00	262.50
7-03-97	5.00	75.00	375.00
7-07-97	5.00	75.00	375.00
7-08-97	2.00	75.00	150.00
7-09-97	9.00	75.00	675.00
7-10-97	9.00	75.00	675.00
7-11-97	6.00	75.00	450.00
7-14-97	1.50	75.00	112.50
RESEARCH			
ELDEN MCCALL			
6-26-97	1.00	75.00	75.00
6-27-97	1.00	75.00	75.00
6-27-97	1.00	75.00	75.00
6-30-97	1.00	75.00	75.00
7-01-97	2.50	75.00	187.50
WATER SYSTEM DESIGN			
KELLEY WRIGG			
7-07-97	6.50	75.00	487.50
7-08-97	6.00	75.00	450.00
7-09-97	7.00	75.00	525.00
7-10-97	5.00	75.00	375.00
7-11-97	5.00	75.00	375.00
7-14-97	6.00	75.00	450.00

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 34250
July 15, 1997
Page number 3

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Professional Service

Hours Rate Amount

WRITE LETTER
ELDEN MCCALL
7-08-97

1.00 75.00 75.00

Services total 120.25 9,116.25

Charges sub-total 9,116.25

Project 11784 3 PLANNING

Charges sub-total .00

Project 11784 4 SOILS

Professional Service

Hours Rate Amount

MEET W/SNOHOMISH HEALTH DIST.
JIM SUTTON
7-09-97

1.50 75.00 112.50

Services total 1.50 112.50

Charges sub-total 112.50

BALANCE DUE THIS INVOICE 9,228.75

Billed 100% M.R.
Ewy

Should be 75% Inwood
25% M.R.

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

COPY

Invoice number 34271
 July 28, 1997
 Page number 1

MR (18)

MCDERMOTT/THOMAS WATER SERVICE, INC.
 MEADOW RIDGE WATER
 4911 - 252ND ST NE
 ARLINGTON, WA 98223

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 1 SURVEY

Professional Service

LEGAL DESCRIPTION
 7-25-97

Hours	Rate	Amount
1.00	75.00	75.00
1.00		75.00
Services total		75.00
Charges sub-total		75.00

Project 11784 2 ENGINEERING

Professional Service

CAD PLOT
 7-16-97

ENGINEERING
 7-15-97
 7-22-97
 7-25-97

HEARING
 7-23-97

7-23-97
 INTEROFFICE CONSULTATION
 7-22-97
 7-23-97

PREPARE REPORT
 7-15-97
 7-16-97
 7-17-97
 7-18-97
 7-21-97

Hours	Rate	Amount
2.00	75.00	150.00
1.00	85.00	85.00
1.00	85.00	85.00
1.00	85.00	85.00
2.50	75.00	187.50
4.75	85.00	403.75
1.00	75.00	75.00
.50	75.00	37.50
8.50	75.00	637.50
7.50	75.00	562.50
6.00	75.00	450.00
6.00	75.00	450.00
4.00	75.00	300.00

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 34271
July 28, 1997
Page number 2

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Professional Service

	Hours	Rate	Amount
7-22-97	6.00	75.00	450.00
7-24-97	6.00	75.00	450.00
7-25-97	6.00	75.00	450.00
REVISIONS & ADDITIONS			
7-23-97	3.00	75.00	225.00
WATER SYSTEM DESIGN			
7-15-97	7.00	75.00	525.00
7-21-97	4.00	75.00	300.00
Services total	77.75		5,908.75
Charges sub-total			5,908.75
BALANCE DUE THIS INVOICE			5,983.75

M.R. Billed 100%
EMD

Should be 25% M.R.
15% Ironwood
EMD

ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 34427
 August 25, 1997
 Page number 1

MCDERMOTT/THOMAS WATER SERVICE, INC.
 MEADOW RIDGE WATER
 4911 - 252ND ST NE
 ARLINGTON, WA 98223

MR (18)

WSP - req'd by date prior
 to system approvals

 Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 2 ENGINEERING

Professional Service

	Hours	Rate	Amount
ADMINISTRATION			
8-22-97 PACKAGING 8 SETS WATER PLAN	10.00	50.00	500.00
ADMINISTRATION			
8-12-97	1.00	65.00	65.00
8-13-97	1.50	65.00	97.50
8-14-97	2.50	65.00	162.50
8-15-97	2.50	65.00	162.50
8-18-97	1.00	65.00	65.00
8-20-97	1.00	65.00	65.00
CONTRACT SUPERVISION			
7-30-97	.50	75.00	37.50
8-06-97	1.00	75.00	75.00
8-14-97	2.50	75.00	187.50
8-22-97	2.00	75.00	150.00
ENGINEERING			
8-21-97	1.50	85.00	127.50
INTEROFFICE CONSULTATION			
7-29-97	1.00	75.00	75.00
8-11-97	.50	75.00	37.50
MEET WITH CLIENT			
8-07-97	1.00	75.00	75.00
8-07-97	1.00	75.00	75.00
ONSITE MEETING			
8-15-97	5.00	75.00	375.00
ONSITE REVIEW			
8-04-97	.50	75.00	37.50
8-06-97	1.50	75.00	112.50
8-12-97	1.00	75.00	75.00
8-19-97	4.50	75.00	337.50
8-20-97	2.50	75.00	187.50
8-21-97	1.00	75.00	75.00

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 34427
 August 25, 1997
 Page number 2

Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Professional Service

	Hours	Rate	Amount
8-22-97			
PLAN DESIGN REVIEW	1.00	75.00	75.00
8-22-97			
POSTING	6.00	85.00	510.00
8-14-97			
8-14-97	2.00	60.00	120.00
PREPARE REPORT	2.00	60.00	120.00
7-28-97			
7-29-97	3.00	75.00	225.00
8-05-97	2.00	75.00	150.00
8-08-97	1.00	75.00	75.00
8-12-97	2.00	75.00	150.00
8-13-97	3.00	75.00	225.00
8-18-97	3.00	75.00	225.00
8-20-97	5.00	75.00	375.00
8-21-97	4.50	75.00	337.50
PROJECT SUBMITTAL	3.00	75.00	225.00
7-30-97			
8-25-97	4.00	75.00	300.00
	2.00	75.00	150.00
Services total	90.00		6,420.00

Reimbursable Expense

	Amount
MISCELLANEOUS-SEE DETAIL	
8-19-97 GAGNON - FOR CHLORINE, CASCADE CK #22694	60.62
8-25-97 8 SETS WATER PLAN-161 PAGES EA. @ \$0.10 + 8.2%	
WSST	139.37
Reimbursable total	199.99
Charges sub-total	6,619.99
BALANCE DUE THIS INVOICE	6,619.99

100% Billed
 M, R (initials)

Should be
 25% split
 75% split
 (initials)

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 34593
 September 25, 1997
 Page number 1

MCDERMOTT/THOMAS WATER SERVICE, INC.
 MEADOW RIDGE WATER
 4911 - 252ND ST NE
 ARLINGTON, WA 98223

MR (18)

*regulatory compliance
 monitoring*

 Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 2 ENGINEERING

Professional Service	Hours	Rate	Amount
-----	-----	-----	-----
CAD DRAFTING			
8-25-97	1.00	75.00	75.00
CONTRACT SUPERVISION			
9-18-97	2.00	75.00	150.00
ONSITE MEETING			
9-08-97	3.00	75.00	225.00
ONSITE REVIEW			
9-12-97	1.00	75.00	75.00
9-15-97	1.00	75.00	75.00
9-16-97	1.00	75.00	75.00
9-17-97	1.00	75.00	75.00
9-19-97	1.00	75.00	75.00
9-22-97	.50	75.00	37.50
9-23-97	2.00	75.00	150.00
9-24-97	1.00	75.00	75.00
PREPARE REPORT			
8-25-97	2.50	75.00	187.50
PROJECT SUBMITTAL			
8-26-97	3.50	75.00	262.50
	-----	-----	-----
Services total	20.50		1,537.50

Reimbursable Expense	Amount
-----	-----
MISCELLANEOUS-SEE DETAIL	
9-23-97 BUDGET LOCKSMITH	59.73

Reimbursable total	59.73

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 34593
September 25, 1997
Page number 2

ject 11784

WATER SYSTEM DESIGN:27/28-35-5

Charges sub-total 1,597.23

BALANCE DUE THIS INVOICE 1,597.23

Billed 100% M.R.
EMJ

Should be 25% - M.R.
75% I.W.
EMJ

PAIDABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 34742
 October 27, 1997
 Page number 1

THOMAS WATER SERVICE, INC.
 C/O RICHARD HATHAWAY
 RESTON COMPANIES
 16301 NE 8TH ST., SUITE 208
 BELLEVUE, WA 98008

*MR (18) same as
 present.*

 Project 11784 WATER SYSTEM DESIGN:27/28-35-5

Project 11784 2 ENGINEERING

Professional Service

	Hours	Rate	Amount

ENGINEERING			
10-23-97	2.00	85.00	170.00
MISCELLANEOUS			
10-03-97	1.50	60.00	90.00
10-03-97	2.00	75.00	150.00
ONSITE REVIEW			
9-29-97	.50	75.00	37.50
10-01-97	1.00	75.00	75.00
10-02-97	1.00	75.00	75.00
10-03-97	1.00	75.00	75.00
10-06-97	1.00	75.00	75.00
10-07-97	1.00	75.00	75.00
10-08-97	.50	75.00	37.50
10-09-97	.50	75.00	37.50
10-13-97	1.00	75.00	75.00
10-14-97	1.00	75.00	75.00
10-15-97	1.00	75.00	75.00
10-16-97	.50	75.00	37.50
10-17-97	1.00	75.00	75.00
10-20-97	1.00	75.00	75.00
10-21-97	1.00	75.00	75.00
10-22-97	1.00	75.00	75.00
10-24-97	.50	75.00	37.50
	1.50	75.00	112.50
	-----		-----
<i>EMJ</i> Services total	20.50		1,535.00

*Billed 100% M.R.
 Should be 25% M.R.
 75% I.W.*

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 34742

October 27, 1997

Page number 2

Project 11784

WATER SYSTEM DESIGN:27/28-35-5

Reimbursable Expense

Amount

ARLINGTON HARDWARE

10-03-97 ARL. HARDWARE INV'S Q5166 & Q47311 TO FIX
WATER LINE BREAK

36.46

Reimbursable total

36.46

Charges sub-total

1,571.46

BALANCE DUE THIS INVOICE

1,571.46

25/75
guy

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 34745
 October 27, 1997
 Page number 1

BUCKSKIN CORP./IRONWOOD RANCH
 C/O RICHARD HATHAWAY
 RESTON COMPANIES
 16301 NE 8TH ST., SUITE 208
 BELLEVUE, WA 98008

*Ironwood
 Billing only*

*Ironwood (18)
 - mostly WSP work
 for entire system.
 - 75/25
 (I/mk.)*

Project 12028 WATER SYSTEM: 27/28-32-5
 WELLS #2 - #3
 DIVISION I, II, & III

Project 12028 1 SURVEY

Professional Service	Hours	Rate	Amount
LEGAL DESCRIPTION			
10-10-97 COVENANT	2.00	75.00	150.00
Services total	2.00		150.00
Charges sub-total			150.00

Project 12028 2 ENGINEERING

Professional Service	Hours	Rate	Amount
CONTRACT SUPERVISION			
10-14-97	1.00	75.00	75.00
ENGINEERING			
9-30-97	2.50	75.00	187.50
10-09-97	4.00	75.00	300.00
10-15-97	1.00	75.00	75.00
INTEROFFICE CONSULTATION			
10-13-97	.50	75.00	37.50
10-14-97	1.00	75.00	75.00
10-17-97	1.00	75.00	75.00
MEET WITH CLIENT			
10-15-97	4.00	75.00	300.00

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 34745
October 27, 1997
Page number 2

Project 12028 WATER SYSTEM: 27/28-32-5

Professional Service	Hours	Rate	Amount
PLAN DESIGN REVIEW			
10-06-97	2.00	75.00	150.00
PRELIM. APPROVAL & PROCESS			
10-01-97	2.00	75.00	150.00
PREPARE REPORT			
9-30-97	1.00	75.00	75.00
10-01-97	2.50	75.00	187.50
10-02-97	3.50	75.00	262.50
10-03-97	5.00	75.00	375.00
10-06-97	1.00	75.00	75.00
10-07-97	9.00	75.00	675.00
10-08-97	5.00	75.00	375.00
10-13-97	3.00	75.00	225.00
PROJECT SUBMITTAL			
10-01-97	1.50	75.00	112.50
10-16-97	1.00	75.00	75.00
REVISIONS & ADDITIONS			
9-25-97	7.00	75.00	525.00
9-26-97	6.50	75.00	487.50
9-29-97	7.00	75.00	525.00
9-30-97	3.00	75.00	225.00
WATER SYSTEM DESIGN			
10-03-97	3.00	75.00	225.00
10-06-97	4.50	75.00	337.50
10-07-97	1.00	75.00	75.00
10-08-97	1.00	75.00	75.00
Services total	84.50		6,337.50
Charges sub-total			6,337.50
BALANCE DUE THIS INVOICE			6,487.50

Billed 25% M.R.
75% I.W.

Well #2 & #3 are only I.W.
Bill should be 100% I.W.
EMJ

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 34951
 November 30, 1997
 Page number 1

BUCKSKIN CORP./IRONWOOD RANCH
 C/O RICHARD HATHAWAY
 RESTON COMPANIES
 16301 NE 8TH ST., SUITE 208
 BELLEVUE, WA 98008

Project 12028 WATER SYSTEM: 27/28-32-5
 WELLS #2 - #3
 DIVISION I, II, & III

- Ironwood WSP related.

Project 12028 2 ENGINEERING

75/25

Professional Service

	Hours	Rate	Amount
ENGINEERING			
11-12-97	1.50	75.00	112.50
INTEROFFICE CONSULTATION			
11-20-97	2.00	75.00	150.00
MEET WITH CLIENT			
11-07-97	2.50	75.00	187.50
11-07-97	3.00	85.00	255.00
MEET WITH REVIEW AGENCY			
11-17-97	3.50	75.00	262.50
ONSITE REVIEW			
11-05-97	1.00	75.00	75.00
11-07-97	1.00	75.00	75.00
11-07-97	2.00	75.00	150.00
11-18-97	.50	75.00	37.50
11-20-97	1.00	75.00	75.00
11-20-97	3.50	75.00	262.50
PROJECT MANAGEMENT			
11-21-97	6.00	85.00	510.00
RESEARCH			
11-17-97	1.00	75.00	75.00
Services total	28.50		2,227.50
Charges sub-total			2,227.50
BALANCE DUE THIS INVOICE			\$ 2,227.50

*Well #2 & #3 System
 Ironwood only
 Billed 25% M.R.
 75% I.W.
 (Signature)*

AYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Should be 100% Ironwood

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 34956
 November 30, 1997
 Page number 1

THOMAS WATER SERVICE, INC.
 C/O RICHARD HATHAWAY
 RESTON COMPANIES
 16301 NE 8TH ST., SUITE 208
 BELLEVUE, WA 98008

MR (18)

Wheel improvement & pump house
 maintenance

Project 12555 2 MEADOW RIDGE MAINTENANCE
 IMPROVEMENT

Professional Service	Hours	Rate	Amount
ADMINISTRATION			
11-10-97 SITE CLEAN-UP, RESTORATION	2.00	45.00	90.00
11-11-97 WELLS #1 AND #3,	6.00	45.00	270.00
11-13-97 AND MEADOWBROOK WELL	3.00	45.00	135.00
11-24-97	6.00	45.00	270.00
11-25-97	7.00	45.00	315.00
CONTRACT SUPERVISION			
11-24-97	4.00	75.00	300.00
MISCELLANEOUS			
11-26-97 WELL SITE RESTORATION	4.50	45.00	202.50
11-14-97 "	2.50	75.00	187.50
ONSITE REVIEW			
11-07-97	1.00	75.00	75.00
Services total	36.00		1,845.00

Reimbursable Expense Amount

MISCELLANEOUS-SEE DETAIL
 11-13-97 N. COUNTY RECYCLING, SHED CONTENTS DISPOSAL 43.34

Reimbursable total 43.34

Charges sub-total 1,888.34

BALANCE DUE THIS INVOICE \$ 1,888.34

Billed 100% M.R. EMD

Need to deduct Meadow Brook
 as not part of M.R. &
 Well #1 is M.R.
 Well #3 is F.W.

split this 50/50

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

\$135 - Meadowbrook → charge F.W.

$$\frac{(1,888.34 - 135)}{2} (50\%) = 867.67$$

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 35039
 December 30, 1997
 Page number 1

BUCKSKIN CORP./IRONWOOD RANCH
 C/O RICHARD HATHAWAY
 RESTON COMPANIES
 16301 NE 8TH ST., SUITE 208
 BELLEVUE, WA 98008

 Project 12028 WATER SYSTEM: 27/28-32-5
 WELLS #2 - #3, DIVISION I, II, III - WSP
 COMPREHENSIVE WATER PLAN 75/25 (18)

Project 12028 1 SURVEY

Professional Service	Hours	Rate	Amount
CALCULATIONS			
12-11-97	.25	85.00	21.25
Services total	.25		21.25
Charges sub-total			21.25

Project 12028 2 ENGINEERING

Professional Service	Hours	Rate	Amount
CALCULATIONS			
12-11-97	3.00	75.00	225.00
ENGINEERING			
12-10-97	3.00	75.00	225.00
12-12-97	4.00	75.00	300.00
ESTIMATES			
12-19-97	1.50	60.00	90.00
12-23-97	8.00	60.00	480.00
INTEROFFICE CONSULTATION			
12-01-97	1.00	75.00	75.00
12-02-97	2.00	75.00	150.00
12-04-97	1.00	75.00	75.00
12-08-97	.50	75.00	37.50
12-16-97	1.50	75.00	112.50
12-17-97	3.00	75.00	225.00
12-18-97	1.00	75.00	75.00

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 35039
 December 30, 1997
 Page number 2

Project 12028 WATER SYSTEM: 27/28-32-5

Professional Service	Hours	Rate	Amount
MEET WITH CLIENT 12-17-97	1.00	75.00	75.00
MISCELLANEOUS 12-15-97	2.00	75.00	150.00
ONSITE REVIEW 12-01-97	.50	75.00	37.50
PLAN DESIGN REVIEW 12-18-97	2.00	60.00	120.00
PREPARE REPORT 12-04-97	1.50	75.00	112.50
12-11-97	4.00	75.00	300.00
12-22-97	3.00	75.00	225.00
PROJECT SUBMITTAL 12-17-97	1.00	75.00	75.00
RESEARCH 12-08-97	3.00	75.00	225.00
WATER SYSTEM DESIGN 12-01-97	6.00	75.00	450.00
12-02-97	6.00	75.00	450.00
12-10-97	1.50	75.00	112.50
12-12-97	3.00	75.00	225.00
12-15-97	3.50	75.00	262.50
12-16-97	7.00	75.00	525.00
12-16-97	6.00	75.00	450.00
12-17-97	2.00	75.00	150.00
12-18-97	7.00	75.00	525.00
12-18-97	6.00	75.00	450.00
12-19-97	2.00	75.00	150.00
12-22-97	2.50	75.00	187.50
12-22-97	6.50	75.00	487.50
12-23-97	7.00	75.00	525.00
Services total	113.50		8,340.00
Charges sub-total			8,340.00
BALANCE DUE THIS INVOICE			8,361.25

*Billed 25% M.R.
 75% F.W.*

*Well #2 + #3
 Ironwood Systems
 only
 Should be 100% Ironwood
 (P.M.)*

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 35217
 January 27, 1998
 Page number 1

THOMAS WATER SERVICE, INC.
 C/O RICHARD HATHAWAY
 RESTON COMPANIES
 16301 NE 8TH ST., SUITE 208
 BELLEVUE, WA 98008

MR-18 - operations issues.

 Project 11784 MEADOW RIDGE TESTING
 27/28-35-5

Project 11784 2 ENGINEERING

Professional Service

	Hours	Rate	Amount
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ADMINISTRATION			
12-29-97 WATER TEST	1.00	50.00	50.00
12-30-97 REPAIRS & MEETING, WATER TEST	3.50	50.00	175.00
12-31-97 WATER TEST	1.00	50.00	50.00
1-05-98 "	1.00	50.00	50.00
1-06-98 "	1.00	50.00	50.00
1-08-98 "	1.00	50.00	50.00
1-09-98 "	1.00	50.00	50.00
1-12-98 "	1.00	50.00	50.00
1-13-98 "	1.00	50.00	50.00
1-14-98 "	1.00	50.00	50.00
1-15-98 "	1.00	50.00	50.00
1-16-98 "	1.00	50.00	50.00
1-19-98 "	1.00	50.00	50.00
1-20-98 "	1.00	50.00	50.00
1-21-98 "	1.00	50.00	50.00
1-22-98 "	1.00	50.00	50.00
1-23-98 "	1.00	50.00	50.00
CONTRACT SUPERVISION			
1-02-98	1.50	75.00	112.50
1-20-98	1.50	75.00	112.50
1-21-98	1.50	75.00	112.50
ENGINEERING			
1-20-98	1.00	85.00	85.00
ESTIMATES			
12-29-97	1.50	60.00	90.00

PAID ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

MR-25070
 KC-75070 mb

Invoice number 35217
January 27, 1998
Page number 2

Project 11784 MEADOW RIDGE TESTING

Professional Service

	Hours	Rate	Amount
INTEROFFICE CONSULTATION			
12-29-97	.50	75.00	37.50
12-30-97	.50	75.00	37.50
1-02-98	.50	75.00	37.50
MEET WITH CLIENT			
1-22-98	4.00	75.00	300.00
ONSITE REVIEW			
12-30-97	1.50	75.00	112.50
1-06-98	.50	75.00	37.50
Services total	34.00		2,050.00
Charges sub-total			2,050.00
BALANCE DUE THIS INVOICE			2,050.00

100% billed MR.
Should be 25% MR.
75% I.W
EMJ

YABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 35226
 January 27, 1998
 Page number 1

BUCKSKIN CORP./IRONWOOD RANCH
 C/O RICHARD HATHAWAY
 RESTON COMPANIES
 16301 NE 8TH ST., SUITE 208
 BELLEVUE, WA 98008

 Project 12028 WATER SYSTEM: 27/28-32-5 WSP 75/25
 WELLS #2 - #3, DIVISION I, II, III
 COMPREHENSIVE WATER PLAN

Project 12028 1 SURVEY

Professional Service	Hours	Rate	Amount
LEVELS			
1-20-98	1.00	60.00	60.00
Services total	1.00		60.00
Charges sub-total			60.00

Project 12028 2 ENGINEERING

Professional Service	Hours	Rate	Amount
ADMINISTRATION			
12-30-97 NEW PUMPHOUSE ESTIMATE	3.50	65.00	227.50
12-31-97 PUMPHOUSE #2 SET UP & SPEC OUT PRICES	4.50	65.00	292.50
1-07-98	5.00	65.00	325.00
CAD DRAFTING/DESIGN			
1-16-98	4.00	60.00	240.00
1-19-98	6.00	60.00	360.00
1-20-98	4.50	60.00	270.00
1-21-98	5.00	60.00	300.00
1-23-98	7.00	60.00	420.00
1-24-98	4.00	60.00	240.00
1-22-98	2.00	75.00	150.00

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 35226

January 27, 1998

Page number 2

Project 12028 WATER SYSTEM: 27/28-32-5

Professional Service	Hours	Rate	Amount
CAD PLOT			
1-23-98	3.00	75.00	225.00
ENGINEERING			
1-06-98	4.00	75.00	300.00
1-14-98	2.50	75.00	187.50
1-15-98	3.50	75.00	262.50
1-16-98	6.50	75.00	487.50
1-19-98	3.00	75.00	225.00
1-20-98	3.00	75.00	225.00
1-21-98	4.50	75.00	337.50
1-22-98	4.00	75.00	300.00
1-23-98	3.00	75.00	225.00
1-25-98	4.50	75.00	337.50
ESTIMATES			
12-29-97	1.50	60.00	90.00
INTEROFFICE CONSULTATION			
1-07-98	1.00	75.00	75.00
1-14-98	1.00	75.00	75.00
1-15-98	2.00	75.00	150.00
1-15-98	1.00	75.00	75.00
MEET WITH CLIENT			
1-15-98	2.50	75.00	187.50
MISCELLANEOUS			
12-29-97 PUMPHOUSE CONSULTATION	1.50	65.00	97.50
ONSITE REVIEW			
1-06-98	1.00	75.00	75.00
1-07-98	1.00	75.00	75.00
PREPARE REPORT			
1-13-98	2.50	75.00	187.50
WATER SYSTEM DESIGN			
12-29-97	7.50	75.00	562.50
12-30-97	5.00	75.00	375.00
12-31-97	6.50	75.00	487.50
1-02-98	5.00	75.00	375.00
1-05-98	7.50	75.00	562.50
1-06-98	5.50	75.00	412.50
1-07-98	4.00	75.00	300.00
1-09-98	7.00	75.00	525.00
1-09-98	5.50	75.00	412.50
1-12-98	2.50	75.00	187.50
1-12-98	6.00	75.00	450.00
1-14-98	2.00	75.00	150.00
	Services total	166.00	11,825.00
	Charges sub-total		11,825.00

*25% M.R.,
Should be 100% I.W.
2000 E.M.D.
Well #2 & #3 systems are
only I.W.*

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

CASCADE SURVEYING & ENG., INC.
 PO BOX 326
 ARLINGTON, WA 98223
 (360) 435-5551

Invoice number 35346
 February 26, 1998
 Page number 1

BUCKSKIN CORP./IRONWOOD RANCH
 C/O RICHARD HATHAWAY
 RESTON COMPANIES
 16301 NE 8TH ST., SUITE 208
 BELLEVUE, WA 98008

*Ironwood
 Kackman Creek
 has 3 divisions*

Project 12028 WATER SYSTEM: 27/28-32-5
 WELLS #2 - #3, DIVISION I, II, III — WSP
 Project 12028 1 SURVEY 75/25
 Comprehensive WATER PLAN

Professional Service	Hours	Rate	Amount
CONSTRUCTION STAKING			
2-16-98	2.50	55.00	137.50
2-16-98	2.50	60.00	150.00
Services total	5.00		287.50
Charges sub-total			287.50

Professional Service	Hours	Rate	Amount
Project 12028 2 ENGINEERING			
CAD DRAFTING/DESIGN			
1-26-98 WATER SYSTEM FOR ALL 3 DIVISIONS	6.00	60.00	360.00
1-27-98 "	4.00	60.00	240.00
1-28-98 "	6.00	60.00	360.00
1-29-98 "	2.00	60.00	120.00
2-04-98 "	4.00	60.00	240.00
CAD PLOT			
1-29-98	.50	60.00	30.00
2-05-98	.25	60.00	15.00
CLERICAL			
2-06-98 COMPILING FINAL REPORT DATA	3.25	60.00	195.00

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.

Invoice number 35346
February 26, 1998
Page number 2

Project 12028 WATER SYSTEM: 27/28-32-5

<u>Professional Service</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
ENGINEERING			
1-26-98 PREPARE WATER SYSTEM PLAN FOR	5.00	75.00	375.00
1-27-98 THOMAS WATER SERVICE AND PREPARE	7.00	75.00	525.00
1-28-98 CONSTRUCTION PLANS FOR IRONWOOD RANCH	8.50	75.00	637.50
1-29-98	5.50	75.00	412.50
1-30-98 "	4.00	75.00	300.00
1-31-98 "	4.00	75.00	300.00
2-09-98 "	7.00	75.00	525.00
2-10-98 "	3.50	75.00	262.50
2-12-98 "	7.00	75.00	525.00
2-13-98 "	6.00	75.00	450.00
2-16-98 "	5.50	75.00	412.50
2-17-98 "	3.00	75.00	225.00
2-18-98 "	5.00	75.00	375.00
2-19-98 "	1.50	75.00	112.50
2-23-98 "	1.50	75.00	112.50
1-28-98 REPORT REVIEW	.75	85.00	63.75
2-03-98 "	2.50	85.00	212.50
2-16-98 "	1.50	85.00	127.50
MAP REVIEW & CERTIFICATION			
1-26-98 REVIEW PLANS AND MAKE REVISIONS	1.00	60.00	60.00
1-27-98 PER MARK UPS	1.00	60.00	60.00
MEET WITH CLIENT			
1-26-98 MEET WITH JOHN LITTLER	1.00	75.00	75.00
1-29-98 "	1.50	75.00	112.50
1-29-98 "	1.50	75.00	112.50
PREPARE REPORT			
2-02-98 WATER SYSTEM PLAN & CONSTRUCTION REPORT	7.00	75.00	525.00
2-03-98 "	7.50	75.00	562.50
2-04-98 "	3.00	75.00	225.00
2-05-98 "	3.00	75.00	225.00
2-06-98 "	2.00	75.00	150.00
2-06-98 "	7.00	75.00	525.00
2-11-98 "	4.00	75.00	300.00
PROJECT SUBMITTAL			
2-04-98	1.00	75.00	75.00
Services total	145.25		10,521.25

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Invoice number 35346
February 26, 1998
Page number 3

Project 12028 WATER SYSTEM: 27/28-32-5

Reimbursable Expense	Amount
MISCELLANEOUS-SEE DETAIL	
2-24-98 10 SETS, 12 SHEETS-PLANS & SPECS, @ \$100.00	1,000.00
2-24-98 12 SETS, VOLUME I & II COMP. PLAN @ \$60.00	720.00
Reimbursable total	1,720.00
Charges sub-total	12,241.25
BALANCE DUE THIS INVOICE	12,528.75

25% Billed M.R.
EMJ \$

Well #2 + #3 not part
of Meadow Ridge

PAYABLE ON RECEIPT. PLEASE INCLUDE PROJECT NUMBER WITH YOUR PAYMENT.