

RESOLUTION No. 771

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, IMPROVEMENT DISTRICT NO. 1
APPROVING THE ATTACHMENT OF APPENDIX "C" AND APPENDIX "D"
THE AUTOMATIC ANNUAL ADJUSTMENT TO THE CAPITAL FACILITIES CHARGES AND
METER INSTALLATION FEES INTO SECTIONS 603 AND 709 OF THE DISTRICT RULES AND
REGULATIONS

WHEREAS, the Board of Trustees of the Santa Ynez River Water Conservation District, Improvement District No. 1, is empowered to prescribe, revise and collect charges for services and facilities funded by it; and

WHEREAS, a capital facilities charge is a key element in the District's overall financing plan; and

WHEREAS, revenues from capital facilities charges are available for the proportionate costs of system improvements and to pay for expansions; and

WHEREAS, State law precludes the use of such revenues to pay any portion of operation and maintenance expenses; and

WHEREAS, State law (Government Code §66000ff) requires that a reasonable relationship exist between the amount of capital facilities charge and the cost of the associated public facility; and

WHEREAS, future users must be treated in a consistent manner and funds collected must be used for certain capital purposes; and

WHEREAS, the District and the vast majority of water agencies in California require that future users pay the costs of facilities provided to serve them; and

WHEREAS, the alternative to collecting fees from new development is raising charges to current water users, which is not equitable; and

WHEREAS, the charges are collected during the construction period as a new customer begins to use the water facilities; and

WHEREAS, on October 19, 1993, the Board approved Resolution No. 422 adopting and establishing the installation and capital facility charges and provided that each year on January 1, the capital facilities charges shall be automatically adjusted by an increment based on the change in the *Engineering News Record (ENR) Construction Cost Index* (20 cities average) from a base index of 5167; and

WHEREAS, the meter and service connection installation charges shall be adjusted to reflect actual costs of installation labor, parts, materials and equipment cost, and contract fees each year on January 1; and

WHEREAS, the ENR Construction Cost Index is 10,817 as of October, 2017; and

THEREFORE, BE IT AND IT IS HEREBY RESOLVED, by the Board of Trustees of the Santa Ynez River Water Conservation District, Improvement District No. 1, as follows:

1. That APPENDIX "C" Installation and Capital Facilities Charges pursuant to Article 6, Section 603 of the District's Rules and Regulations be attached; and,
2. That APPENDIX "D" pursuant to Article 7, Section 709 of the District's Rules and Regulations is attached.

BE IT FURTHER RESOLVED that this Resolution be effective as of January 1, 2018.

WE, THE UNDERSIGNED, being the duly qualified and acting President and Secretary respectively, of the Board of Trustees of the Santa Ynez River Water Conservation District, Improvement District No. 1, do hereby certify that the above and foregoing resolution was adopted and passed by the Board of Trustees at a Special meeting held on the 14th day of December, 2017, by the following roll call vote:

AYES, in favor thereof, Trustees:

Harlan Burchardi
Brad Joos
Kevin Walsh
Michael Burchardi
Jeff Clay

NOES, Trustees:

None

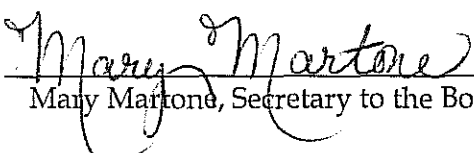
ABSENT, Trustees:

None



Kevin Walsh, President

ATTEST:



Mary Martone, Secretary to the Board of Trustees

APPENDIX "C"

**INSTALLATION AND CAPITAL FACILITIES CHARGES
PURSUANT TO ARTICLE 6, SECTION 603**

(Effective January 1, 2018)

<u>Lot Size</u>	<u>Minimum Meter Size</u>	<u>Maximum Flow Rate</u>	<u>Ratio to 5/8" meter</u>	<u>Capital Facilities Charge</u>	<u>Installation Charge</u>
10,000 sq. ft.	5/8"	20	1.0	\$ 3,914.87	The meter and service installation charge shall equal the cost of installation as determined by the District from time to time
>10,000 sq. ft. to 1 acre	3/4"	30	1.2	4,697.85	
>1 to 3 acres	1"	50	2.0	7,829.75	
>3 to 10 acres	1½ "	100	4.0	15,659.49	
>10 acres	2"	160	6.4	25,055.18	
	3"	350	12.8	50,110.37	
	4"	1,000	18.0	70,467.70	
	6"	2,000	40.0	156,594.89	
	8"	3,500	64.0	250,551.84	

For parcels with multiple Domestic or Rural Residential meters, the meter sizes (e.g. 5/8" and 1" inch) may be added to result in a combined equivalent size that satisfies the minimum meter size requirements.

APPENDIX "D"

**CAPITAL FACILITIES CHARGES AND METER INSTALLATION FEES
FOR SERVICES FROM MAIN EXTENSIONS
PURSUANT TO ARTICLE 7, SECTION 709**

(Effective January 1, 2018)

<u>Lot Size</u>	<u>Minimum Meter Size</u>	<u>Capital Facilities Charge</u>	<u>Meter Installation Fee</u>	<u>Total</u>
10,000 Sq. Ft.	5/8"	\$3,914.87	\$319.23	\$ 4,234.10
>10,000 to 1 acre	3/4"	4,697.85	337.03	5,034.88
>1 to 3 acres	1"	7,829.75	424.59	8,254.34
>3 to 10 acres	1-1/2"	15,659.49	861.84	16,521.33
> 10 acres	2" STD	25,055.18	1,183.68	26,238.86
	2" CPBM	25,055.18	2,172.96	27,228.14
	3" STD	50,110.37	2,251.80	52,362.17
	3" CPBM	50,110.37	3,073.68	53,184.05

Establish base increase: Divide current ENR Construction Cost Index (October of each year) by base ENR Index (5167 - from April 1993) to determine current index ratio. Multiply current index ratio by base 5/8" meter CFC of \$1,870.

Meter Size	Maximum Flow Rate	Ratio to 5/8" Meter*	Base Index**	Current Index***	Index Ratio: (Current/Base)	Base 5/8" CFC****	New CFC: (Base CFC x Ratio)	2017 CFC	CFC Increase
5/8"	20	1.0	5167	10817.11	2.093499	\$1,870	\$ 3,914.87	\$ 3,758.72	\$ 156.15

Establish incremental increases: Use ratio to 5/8" meter to multiply by new base 5/8" meter CFC above.

Meter Size	Maximum Flow Rate	Ratio to 5/8" Meter	2018 (Base CFC x Ratio)	2017 CFC	CFC Increase
3/4"	30	1.2	\$ 4,697.85	\$ 4,510.47	\$ 187.38
1"	50	2.0	\$ 7,829.75	\$ 7,517.45	\$ 312.30
1 1/2"	100	4.0	\$ 15,659.49	\$ 15,034.89	\$ 624.60
2"	160	6.4	\$ 25,055.18	\$ 23,249.19	\$ 1,805.99
3"	350	12.8	\$ 50,110.37	\$ 48,111.64	\$ 1,998.73
4"	1,000	18.0	\$ 70,467.70	\$ 67,656.99	\$ 2,810.71
6"	2,000	40.0	\$ 156,594.89	\$ 150,348.87	\$ 6,246.02
8"	3,500	64.0	\$ 250,551.84	\$ 240,558.20	\$ 9,993.64

* Ratio to 5/8" meter: Referenced below

** Base Index: Engineering News Record 20-City average Construction Cost Index (April 1993) = 5167.
Source: District Water Rate Study and Financing Plan, October 1993, Bartle Wells Associates

*** Current Index: Current ENR 20-City average Construction Cost Index (use first week of October of each year) @ <http://www.enr.com>

**** Base 5/8" CFC: \$1,870 for 5/8" meter as set forth in above-referenced Water Rate Study

Improvement District No. 1
Meter Cost ONLY
 January 1, 2018

Meter Size	Meter Type	Meter Only Cost*	Tax 8.00%	Total Meter Only	Additional Parts Required**	Parts Cost	Tax 8.00%	Parts Total	Labor Cost***	Total Meter Install. Cost	Cap. Fac. Charge	Grand Total
5/8"	Standard	\$ 142.58	\$ 11.41	\$ 153.99	J-1908 5/8" Ball Valve	\$ 54.00	\$ 4.32	\$ 58.32	\$106.92	\$ 319.23	\$ 3,914.87	\$ 4,234.10
3/4"	Standard	\$ 159.07	\$ 12.73	\$ 171.80	J-1908 3/4" Ball Valve	\$ 54.00	\$ 4.32	\$ 58.32	\$ 106.92	\$ 337.04	\$ 4,697.85	\$ 5,034.88
1"	Standard	\$ 204.14	\$ 16.33	\$ 220.47	J-1908 1" Ball Valve	\$ 90.00	\$ 7.20	\$ 97.20	\$ 106.92	\$ 424.59	\$ 7,829.75	\$ 8,254.34
1-1/2"	Standard	\$ 525.00	\$ 42.00	\$ 567.00	J-1913W 1-1/2" Ball Valve	\$ 174.00	\$ 13.92	\$ 187.92	\$ 106.92	\$ 861.84	\$ 15,659.49	\$ 16,521.33
2"	Standard	\$ 736.00	\$ 58.88	\$ 794.88	J-1913W 2" Ball Valve	\$ 261.00	\$ 20.88	\$ 281.88	\$ 106.92	\$ 1,183.68	\$ 25,055.18	\$ 26,238.86
2"	Compound Body	\$ 1,592.00	\$ 127.36	\$ 1,719.36	J-1913W 2" Ball Valve	\$ 261.00	\$ 20.88	\$ 281.88	\$ 106.92	\$ 2,172.96	\$ 25,055.18	\$ 27,228.14
FL 36x6 Extension					\$ 60.00	\$ 4.80	\$ 64.80					
3"	Standard	\$ 1,256.00	\$ 100.48	\$ 1,356.48	A2360-6 Flanged x MJ Resilient Wedge Valve Bolt & Gasket Kit	\$ 725.00	\$ 58.00	\$ 783.00	\$ 106.92	\$ 2,251.80	\$ 50,110.37	\$ 52,362.17
					\$ 5.00	\$ 0.40	\$ 5.40					
3"	Compound Body	\$ 2,017.00	\$ 161.36	\$ 2,178.36	A2360-6 Flanged x FLG Resilient Wedge Valve Bolt & Gasket Kit	\$ 725.00	\$ 58.00	\$ 783.00	\$ 106.92	\$ 3,073.68	\$ 50,110.37	\$ 53,184.05
					\$ 5.00	\$ 0.40	\$ 5.40					
4"	Standard	\$ 2,445.00	\$ 195.60	\$ 2,640.60	A2360-6 MJ x MJ Resilient Wedge Valve Bolt & Gasket Kit	\$ 725.00	\$ 58.00	\$ 783.00	\$ 106.92	\$ 3,535.92	\$ 70,467.70	\$ 74,003.62
					\$ 5.00	\$ 0.40	\$ 5.40					
4"	Compound Body	\$ 3,502.00	\$ 280.16	\$ 3,782.16	4" Mueller Gate Valve Resilient Wedge Valve Bolt & Gasket Kit	\$ 525.00	\$ 42.00	\$ 567.00	\$ 106.92	\$ 4,461.48	\$ 70,467.70	\$ 74,929.18
					\$ 5.00	\$ 0.40	\$ 5.40					
					FLG x FLG			\$ 572.40				

* Meter Costs: SRII/TRPL (or for 3": Omni T2 w/screen & touch-read)

Prices per Invensys/Sensus Technologies - Aqua Metric

** Parts Costs: Per District's material suppliers

*** Labor Costs: Two hours of Average (between highest and lowest) field crew hourly rate including benefits

APPENDIX 'C'
SHORT SIDE SERVICE AND METER INSTALLATION AND CAPITAL FACILITIES CHARGES
 January 1, 2018

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
1"	5/8"	1 - 8"x1" Saddle (J-979) 1 - 1" J-1929 Corp Ball Valve 2 - 1" Instatite Adaptor (I.P.S) 1 - 1" Straight Coupling (H-15456) 1 - 1" Angle Meter Stop (J-1966W) 30' - 1" IPS SDR7 200# PolyPipe @ .60/l.f. 30' - #12 Coated Copper Wre @ .15/l.f. 1 - Christy Fiber Lite Meter Box (FL-9) 1 - Christy Meter Box Lid (FL-9D) 1 - J1908 Customer Service Valve 3/4" 1 - 1" Copper Ring 1 - Mortor (60 lb.)	\$ 125.00 \$ 58.00 \$ 56.90 \$ 25.00 \$ 95.00 \$ 18.00 \$ 4.50 \$ 38.00 \$ 25.05 \$ 61.00 \$ 2.00 \$ 5.57 Sub-total \$ 514.02 Tax @ 8.0% \$ 41.12 Total Parts Cost \$ 555.14						
1"	3/4"	Same Parts as 1"x 5/8" above	\$ 555.14	\$ 2,726.06	\$ 3,281.20	\$ 337.04	\$ 3,618.24	\$ 4,697.85	\$ 8,316.09
1"	1"	Same Parts as 1"x 3/4" except 1" Cust. Valve and Meter Box	\$ 528.09	\$ 2,726.06	\$ 3,254.15	\$ 424.59	\$ 3,678.74	\$ 7,829.75	\$ 11,508.49
Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
1" Double Service Manifold	Two 5/8"	1 - 8"x 2" Saddle (J-979) 1 - 1" J-1929 Corp Ball Valve 2 - 1" Instatite Adaptor (I.P.S) 1 - 1" Straight Coupling (H-15456) 1 - 1"x3/4"x3/4" bronze branch connector J-2204 2 - 3/4" Angle Meter Stops @\$93.75 ea (J-1966W) 30' - 1" IPS SDR7 200# PolyPipe @ .60/l.f. 30' - #12 Coated Copper Wre @ .15/l.f. 1 - Christy Fiber Lite Meter Box (FL-36) 1 - Christy Meter Box Lid (FL-36D) 2 - J1908 Customer Service Valve 3/4" @ \$61.00 ea 1 - 1" Copper Ring 2 - Mortor (60 lb.)	\$ 139.00 \$ 58.00 \$ 56.90 \$ 25.00 \$ 104.00 \$ 187.50 \$ 18.00 \$ 4.50 \$ 48.00 \$ 46.25 \$ 122.00 \$ 2.00 \$ 11.14 Sub-total \$ 822.29 Tax @8.0% \$ 65.78 Total Parts Cost \$ 888.07						
			\$ 888.07	\$ 2,726.06	\$ 3,614.13	\$ 638.45	\$ 4,252.59	\$ 7,829.75	\$ 12,082.33

* Prices Per District's Material Suppliers
 ** Installation Based on Actual Hours

APPENDIX 'C'
SHORT SIDE SERVICE AND METER INSTALLATION AND CAPITAL FACILITIES CHARGES
 January 1, 2018

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
2"	1-1/2"	1 - 8"x1" Saddle (J-979)	\$ 125.00						
		1 - 2" Corp. Stop (H-9969)	\$ 224.00						
		2 - Sch. 80 FIP Adapters @\$14.00 ea	\$ 28.00						
		1 - 2" Sch. 80 90° elbow	\$ 2.65						
		1 - 2"x4" Brass Nipple	\$ 13.75						
		1 - 2" Angle Meter Stop (H-14286)	\$ 193.00						
		1 - Christy Fiber Lite Meter Box(FL-36)	\$ 98.00						
		1 - Christy Meter Box Lid (FL-36D)	\$ 96.25						
		1 - J1913 Customer Service Valve 1-1/2"	\$ 164.00						
		30' - 2" Sch. 80 PVC Pipe @ 1.13 /l.f.	\$ 33.90						
		30' - #12 Coated Copper Wre @ .15/l.f.	\$ 4.50						
		1 - Mortor (60 lb.)	\$ 5.57						
		Sub-total	\$ 988.62						
		Tax @ 8.0 %	\$ 79.09						
		Total Parts Cost	\$ 1,067.71	\$ 2,726.06	\$ 3,793.77	\$ 861.84	\$ 4,655.61	\$ 15,659.49	\$ 20,315.10
2"	2"	Same Parts as above except 2" Customer Valve	\$ 1,153.21	\$ 2,726.06	\$ 3,879.27	\$ 1,183.68	\$ 5,062.95	\$ 25,055.18	\$ 30,118.13

Compound Body Meter

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
2"	2"	Same Parts as above standard meter	\$ 1,153.21						
		FL 36"x6" Extension (\$60 + \$4.8 tax)	\$ 64.80						
		Total Parts Cost	\$ 1,218.01	\$ 2,726.06	\$ 3,944.07	\$ 2,172.96	\$ 6,117.03	\$ 25,055.18	\$ 31,172.21

* Prices Per District's Material Suppliers
 ** Installation Based on Actual Hours

APPENDIX 'C'
LONG SIDE SERVICE AND METER INSTALLATION AND CAPITAL FACILITIES CHARGES

January 1, 2018

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
1"	5/8"	1 - 8"x1" Saddle (J-979) 1 - 1" Corp. Stop (J-1929) 2 - 1" Instalite Adaptor (I.P.S) 1 - 1" Straight Coupling (H-15456) 1 - 1" Angle Meter Stop (J-1996W) 50' - 1" IPS SDR7 200# Poly Pipe @ .60/l.f. 50' - #12 Coated Copper Wire @ .15/l.f. 1 - Christy Fiber Lite Meter Box (FL-9) 1 - Christy Meter Box Lid (FL-9D) 1 - J1908 Customer Service Valve 3/4" 1 - 1" Copper Ring 1 - Morter (60 lb.)	\$ 125.00 \$ 58.00 \$ 56.90 \$ 25.00 \$ 95.00 \$ 30.00 \$ 7.50 \$ 38.00 \$ 25.05 \$ 61.00 \$ 2.00 \$ 5.57 Sub-total \$ 529.02 Tax @ 8.0 % \$ 42.32 Total Parts Cost \$ 571.34						
			\$ 571.34	\$ 6,389.88	\$ 6,961.22	\$ 319.23	\$ 7,280.45	\$ 3,914.87	\$ 11,195.32
1"	3/4"	Same Parts as 1"x 5/8" above	\$ 571.34	\$ 6,389.88	\$ 6,961.22	\$ 337.04	\$ 7,298.26	\$ 4,697.85	\$ 11,996.11
1"	1"	Same Parts as 1" x 3/4" except 1" Cust. Valve & Meter Box	\$ 544.29	\$ 6,389.88	\$ 6,934.17	\$ 424.59	\$ 7,358.76	\$ 7,829.75	\$ 15,188.51
Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
1" Double Service Manifold	Two 5/8"	1 - 8"x1" Saddle (J-979) 1 - 1" Corp. Stop (J-1929) 2 - 1" Instalite Adaptor (I.P.S) 1 - 1" Straight Coupling (H-15456) 1 - 1"x3/4"x3/4" bronze branch connector J-2204 2 - 3/4" Angle Meter Stops @ \$93.75 ea J-1966W 50' - 1" IPS SDR7 200# Poly Pipe @ .60/l.f. 50' - #12 Coated Copper Wire @ .15/l.f. 1 - Christy Fiber Lite Meter Box (FL-36) 1 - Christy Meter Box Lid (FL-36D) 2 - J1908 Customer Service Valve 3/4" (\$61.00 ea) 1 - 1" Copper Ring 2 - Morter (60 lb.)	\$ 139.00 \$ 58.00 \$ 56.90 \$ 25.00 \$ 104.00 \$ 187.50 \$ 30.00 \$ 7.50 \$ 48.00 \$ 46.25 \$ 122.00 \$ 2.00 \$ 11.14 Sub-total \$ 837.29 Tax @ 8.0 % \$ 66.98 Total Parts Cost \$ 904.27						
			\$ 904.27	\$ 6,389.88	\$ 7,294.15	\$ 638.45	\$ 7,932.61	\$ 7,829.75	\$ 15,762.35

* Prices Per District's Material Suppliers

** Installation Based on Actual Hours

APPENDIX 'C'
LONG SIDE SERVICE AND METER INSTALLATION AND CAPITAL FACILITIES CHARGES
 January 1, 2018

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
2"	1-1/2"	1 - 8"x2" Saddle (J-979)	\$ 139.00						
		1 - 2" Corp. Stop (H-9969)	\$ 224.00						
		2 - Sch. 80 FIP Adapters @ \$14.00 ea	\$ 28.00						
		1 - 2" Sch. 80 90° elbow	\$ 2.65						
		1 - 2"x4" Brass Nipple	\$ 13.75						
		1 - 2" Angle Meter Stop (H-14286)	\$ 193.00						
		1 - Christy Fiber Lite Meter Box (FL-36)	\$ 98.00						
		1 - Christy Meter Box Lid (FL-36D)	\$ 96.25						
		1 - J1913 Customer Service Valve 1-1/2"	\$ 164.00						
		50' - 2" Sch. 80 PVC Pipe @ 1.13/l.f.	\$ 56.50						
		50' - #12 Coated Copper Wire @ .15/l.f.	\$ 7.50						
		1 - Mortar (60 lb.)	\$ 5.57						
		Sub-total	\$ 1,028.22						
		Tax @ 8.0 %	\$ 82.26						
		Total Parts Cost	\$ 1,110.48	\$ 6,389.88	\$ 7,500.36	\$ 861.84	\$ 8,362.20	\$ 15,659.49	\$ 24,021.69
2"	2"	Same Parts as above except 2" Customer Valve	\$ 1,207.48	\$ 6,389.88	\$ 7,597.36	\$ 1,183.68	\$ 8,781.04	\$ 25,055.18	\$ 33,836.22

Compound Body Meter

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
2"	2"	Same Parts as above standard meter	\$ 1,207.48						
			\$ 64.80						
			Total	\$ 1,272.28	\$ 6,389.88	\$ 7,662.16	\$ 2,172.96	\$ 9,835.12	\$ 25,055.18

* Prices Per District's Material Suppliers
 ** Installation Based on Actual Hours

APPENDIX 'C'
BORING SERVICE AND METER INSTALLATION COSTS

January 1, 2018

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
1"	5/8"	1 - 8"x1" Saddle (J-979) 1 - 1" Corp. Stop (J-1929) 2 - 1" Instalite Adaptor (I.P.S) 1 - 1" Straight Coupling (H-15456) 1 - 1" Angle Meter Stop (J-1996W) 50' - 1" IPS SDR7 200# Poly Pipe @ .60/l.f. 50' - #12 Coated Copper Wire @ .15/l.f. 1 - Christy Fiber Lite Meter Box (FL-9) 1 - Christy Meter Box Lid (FL-9D) 1 - J-1908 Customer Service Valve 3/4" 1 - 1" Copper Ring 1 - Morter (60 lb.)	\$ 125.00 \$ 58.00 \$ 56.90 \$ 25.00 \$ 95.00 \$ 30.00 \$ 7.50 \$ 38.00 \$ 25.05 \$ 61.00 \$ 2.00 \$ 5.57 Sub-total \$ 529.02 Tax @ 8.0 % \$ 42.32 Total Parts Cost \$ 571.34						
				T&M Basis	\$ 571.34	\$ 319.23	\$ 890.57	\$ 3,914.87	\$ 4,805.44
1"	3/4"	Same Parts as 1"x5/8" above	\$ 571.34	T&M Basis	\$ 571.34	\$ 337.04	\$ 908.38	\$ 4,697.85	\$ 5,606.23
1"	1"	Same Parts as 1"x 3/4" except 1" Cust. Valve and Meter Box	\$ 544.29	T&M Basis	\$ 544.29	\$ 424.59	\$ 968.88	\$ 7,829.75	\$ 8,798.63
Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
1" Double Service Manifold	Two 5/8"	1 - 8"x1" Saddle (J-979) 1 - 1" Corp. Stop (J-1929) 2 - 1" Instalite Adaptor (I.P.S) 1 - 1" Straight Coupling (H-15456) 1 - 1"x3/4"x3/4" bronze branch connector J-2204 2 - 3/4" Angle Meter Stops @ \$93.75 ea J-1966W 50' - 1" IPS SDR7 200# Poly Pipe @ .60/l.f. 50' - #12 Coated Copper Wire @ .15/l.f. 1 - Christy Fiber Lite Meter Box (FL-36) 1 - Christy Meter Box Lid (FL-36D) 2 - J1908 Customer Service Valve 3/4" (\$61.00 ea) 1 - 1" Copper Ring 2 - Morter (60 lb.)	\$ 139.00 \$ 58.00 \$ 56.90 \$ 25.00 \$ 104.00 \$ 187.50 \$ 30.00 \$ 7.50 \$ 48.00 \$ 46.25 \$ 122.00 \$ 2.00 \$ 11.14 Sub-total \$ 837.29 Tax @8.0 % \$ 66.98 Total Parts Cost \$ 904.27						
				T&M Basis	\$ 904.27	\$ 638.45	\$ 1,542.73	\$ 7,829.75	\$ 9,372.47

*Boring Based on
Time & Materials
and Actual Costs*

* Prices Per District's Material Suppliers

** Installation Based on Actual Hours and Actual Costs

APPENDIX 'C'
BORING SERVICE AND METER INSTALLATION COSTS
January 1, 2018

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
2"	1-1/2"	1 - 8"x2" Saddle (J-979)	\$ 139.00						
		1 - 2" Corp. Stop (H-9969)	\$ 224.00						
		2 - Sch. 80 FIP Adapters @ \$14.00 ea	\$ 28.00						
		1 - 2" Sch. 80 90° elbow	\$ 2.65						
		1 - 2"x4" Brass Nipple	\$ 13.75						
		1 - 2" Angle Meter Stop (H-14286)	\$ 193.00						
		1 - Christy Fiber Lite Meter Box (FL-36)	\$ 98.00						
		1 - Christy Meter Box Lid (B-36P)	\$ 96.25						
		1 - J1913 Customer Service Valve 1-1/2"	\$ 164.00						
		50' - 2" Sch. 80 PVC Pipe @ 1.13/l.f.	\$ 56.50						
		50' - #12 Coated Copper Wire @ .15/l.f.	\$ 7.50						
		1 - Morter (60 lb.)	\$ 5.57						
		Sub-total	\$ 1,028.22						
		Tax @ 8.0 %	\$ 82.26						
		Total Parts Cost	\$ 1,110.48	T&M Basis	\$ 1,110.48	\$ 861.84	\$ 1,972.32	\$ 15,659.49	\$ 17,631.81
2"	2"	Same Parts as above except 2" Customer Valve	\$ 1,207.48	T&M Basis	\$ 1,207.48	\$ 1,183.68	\$ 2,391.16	\$ 25,055.18	\$ 27,446.34

*Boring Based on
Time & Materials
and Actual Costs*

Compound Body Meter

Service Size	Meter Size	Additional Parts Required	Parts Costs and Total*	Service Labor**	Service Parts/Labor Total	Meter Parts/Labor	Total Service & Meter	Capital Facilities Charge	Grand Total
2"	2"	Same Parts as above standard meter	\$ 1,207.48						
		FL 36"x6" Extension (\$60 + \$4.8 tax)	\$ 64.80						
		Total	\$ 1,272.28	T&M Basis	\$ 1,272.28	\$ 2,172.96	\$ 3,445.24	\$ 25,055.18	\$ 28,500.42

* Prices Per District's Material Suppliers

** Installation Based on Actual Hours and Actual Costs

Santa Ynez River Water Conservation District,
Improvement District No. 1

**Short Side Water Service Installation
Backhoe and Equipment Costs**

January 1, 2018

Day(s)	Job Description	Hours	\$ Rate w/Benefits	Total
Day 1	Backhoe + Operator	7.00	\$ 125.00	\$ 875.00
	Dump Truck + Operator	4.00	\$ 140.00	\$ 560.00
	Operations Technician	3.00	\$ 49.81	\$ 149.43
	Operations Technician	7.00	\$ 49.81	\$ 348.67
	Labor Foreman	4.00	\$ 74.43	\$ 297.72
	Sub Total			\$ 2,230.82
Day 2	Operations Technician	2.00	\$ 49.81	\$ 99.62
	Operations Technician	2.00	\$ 49.81	\$ 99.62
				\$ 199.24
Item	Job Description	Unit	Costs	Total
	SBCO Encroachment Permit	1	\$ 68.00	\$ 68.00
	Trench Plates/5 days	3	\$ 20.00	\$ 60.00
	Sand Bedding and Shading (Backfill trench zone)	5	\$ 33.60	\$ 168.00
	Sub Total			\$ 296.00
Total Cost				\$ 2,726.06

Water service installation using typical procedures for a short side installation. This reflects labor only and the equipment to perform the installation. Parts and materials are separate.

Santa Ynez River Water Conservation District,
Improvement District No. 1

Long Side Water Service Installation
Labor and Equipment Costs

January 1, 2018

Days	Job Description	Hours	\$ Rate w/Benefits	Total
Day 1	Operations Technician	2	\$ 49.81	\$ 99.62
	Operations Technician	2	\$ 49.81	\$ 99.62
	Concrete Saw			\$ 200.00
	Sub Total			\$ 399.24
Day 2	Backhoe+ Operator	7	\$ 125.00	\$ 875.00
	Dump Truck + Operator	7	\$ 140.00	\$ 980.00
	Op Tech - Traffic Control	7	\$ 49.81	\$ 348.67
	Op Tech - Traffic Control	7	\$ 49.81	\$ 348.67
	Foreman	4	\$ 74.43	\$ 297.72
	Sub Total			\$ 2,850.06
Day 3	Backhoe+ Operator	4	\$ 125.00	\$ 500.00
	Op Tech - Traffic Control	2	\$ 49.81	\$ 99.62
	Op Tech - Traffic Control	2	\$ 49.81	\$ 99.62
	Operations Technician	2	\$ 49.81	\$ 99.62
	Operations Technician	2	\$ 49.81	\$ 99.62
	Sub Total			\$ 898.48
Item	Job Description	Unit	Costs	Total
Contract	SBCO Encroachment Permit	1		\$ 296.00
	Trench Plates - 5 days	3	\$ 20.00	\$ 300.00
	Slurry Mix - Backfill/Yd	4	\$ 33.60	\$ 134.40
	Slurry Mix - Delivery	1	\$ 76.50	\$ 76.50
	Paving		\$ 1,200.00	\$ 1,200.00
	Sand \$33.60 Per Yard	7	\$ 235.20	\$ 235.20
	Sub Total			\$ 2,242.10
Total Cost				\$ 6,389.88

Water service installation using a typical road cut. This reflects labor only and the equipment to perform the installation. Parts and materials are separate.

Santa Ynez River Water Conservation District,
Improvement District No. 1

Boring - Long Side Water Service Installation
(Labor Only - Installation Only)

January 1, 2018

Days	Job Description	Hours	\$ Rate w/Benefits	Total
Day 1	Backhoe+ Operator	7.00	\$ 125.00	\$ 875.00
	Dump Truck + Operator	4.00	\$ 140.00	\$ 560.00
	Operations Technician	7.00	\$ 49.81	\$ 348.67
	Operations Technician	3.00	\$ 49.81	\$ 149.43
	Labor Foreman	3.00	\$ 74.43	\$ 223.29
	Sub Total			\$ 2,156.39
Day 2	Backhoe+ Operator	4.00	\$ 125.00	\$ 500.00
	Op Tech	4.00	\$ 49.81	\$ 199.24
	Sub Total			\$ 699.24
Item	Job Description	Unit	Costs	Total
	SBCO Encroachment Permit	1		\$ 68.00
	Boring Contractor		Time & Materials Based on actual cost.*	\$ -
	Fill Sand	4	\$ 33.60	\$ 134.40
	Sub Total			\$ 202.40
			Total Cost	\$ 3,058.03

*Water service installation using boring method is based on a time and materials basis at actual cost. This reflects labor only and the equipment to perform the installation. Parts and materials are separate.

*Boring Based on
Time & Materials
and Actual Costs*