



SACRAMENTO COUNTY  
**WATER AGENCY**

**DATE:** January 25, 2019  
**TO:** All Developers, Builders, Consulting Engineers, and Other Interested Parties  
**SUBJECT:** SACRAMENTO COUNTY WATER AGENCY FEE & CREDIT REVISIONS EFFECTIVE MARCH 1, 2019

On January 25, 2019, pursuant to Sacramento County Water Agency (SCWA) Code 2.50.80 and 4.45.020, the SCWA Agency Engineer has approved the following fee increases.

**WATER SUPPLY – ZONE 40**

**Effective March 1, 2019, 12:01 a.m.**

Pursuant to SCWA Code and effective March 1, 2019, an inflationary increase of 1.869% will be applied to the SCWA Zone 40 fees and credits, and Zone 40 Special Service Area A–Recycled Water fees and credits.

*Summary of SCWA Zone 40 Rates*

<b>SCWA Zone 40 Water Development Fee Rate</b>	<b>Current Rate</b>	<b>Revised Rate</b>
Rate per Equivalent Dwelling Unit (EDU)	\$16,651	\$16,962
Commercial Service Fee per acre	\$9,486	\$9,663
Open Space Service Fee per acre	\$1,838	\$1,872
Park Service Fee per acre	\$3,769	\$3,839
Public School Service Fee per acre	\$6,281	\$6,398

**SCWA Zone 40 Special Service Area A – Recycled Water**

See attached Schedules R-1 and R-2 for rates. This fee is imposed pursuant to provisions in Ordinance WAO-0054 adopted by the SCWA Board of Directors on June 15, 2004.

For fees on Schedule A that are due prior to approval of an improvement plan, the date of plan approval determines the appropriate rate. For fees on Schedules A and R-1 that are due prior to issuance of a building permit, the date of payment determines the appropriate rate. For credit items on Schedules C and R-2, the date of plan approval determines the appropriate rate.

If you have any Water Supply Fee questions or would like additional information, please contact John Kern at (916) 874-5159.

*“Managing Tomorrow’s Water Today”*

**DRAINAGE – ZONE 11A, 11B, 11C, 11N, & 11W**

**Effective March 1, 2019, 12:01 a.m.**

Pursuant to SCWA Code and effective March 1, 2019, an inflationary increase of 1.869% will be applied to the SCWA Zone 11 fees and credits.

Please see attached Schedule A Trunk Drainage Fee Schedule for Zones 11A, 11B, and 11C, Zone 11 Schedule D Credit Schedule, Zone 11N Fee and Credit Schedule and Zone 11W Fee and Credit Schedule for details.

If you have any Drainage Fee questions or need additional information, please contact Michael Johnson at (916) 874-8646.

Sincerely,



Herman T. Williams  
Chief Financial and Administrative Officer  
Sacramento County Department of Water Resources  
Sacramento County Water Agency

Attachments:

Water Supply Schedules A, C, R-1, R-2  
Maps: Zone 40  
Zone 40 Special Service Area A – Recycled Water  
Zone 50

Drainage Schedule A Fees Zone 11A, 11B, 11C  
Schedule D Credit Schedule  
Zone 11N Fee and Credit Schedule  
Zone 11W Fee and Credit Schedule  
Maps: Zone 11A, 11B & 11C  
Zone 11N & 11W

cc:

Michael Peterson, DWR  
Kerry Schmitz, DWR  
Cecilia Jensen, DWR  
Todd Peterson, DWR  
Dave Underwood, DWR  
Michael Johnson, DWR  
George Booth, DWR  
John Kern, DWR  
Paula Badella, DWR  
Matthew Henning, DWR  
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Michael Durkee, DWR  
Neil Phaby, DTEch  
George Scott, DTEch  
Bob Davison, County Engineering

Elizabeth Sparkman, City of Rancho Cordova  
Cyrus Abhar, City of Rancho Cordova  
Albert Stricker, City of Rancho Cordova  
Dalia Fadl, City of Rancho Cordova  
Tameem Samini, City of Rancho Cordova  
Tony Santiago, DSSD  
Robert Murdoch, City of Elk Grove  
Darren Wilson, City of Elk Grove  
Bill Stanton, City of Elk Grove  
Shane Diller, City of Elk Grove  
Accela Issues, DTEch (e-copy)  
Jose Romo, DSSD  
Bill Burke, County Counsel  
Julie In clan, County Counsel  
County Counsel, (SCWA Code update)  
Krysta Guthrie, County Counsel

## NOTICE OF FEE INCREASE

NOTICE IS HEREBY GIVEN that water development fees collected and credits given within the boundaries of Zone 40 of the Sacramento County Water Agency shall be established pursuant to Appendix 1, Schedule A and Schedule C of the Sacramento County Water Agency Code effective 12:01 a.m., March 1, 2019. The following Schedules A and C show the new fees and credits for Zone 40:

### SCHEDULE A - WATER DEVELOPMENT FEES

Schedule A fees may be adjusted by the Agency Engineer effective March 1 of each year as follows:

I. ZONE 40

1. That year's January 1 construction cost index for 20 U.S. Cities and that year's January 1 construction cost index for San Francisco shall be determined by resort to the appropriate January issue of the Engineering News Record magazine or its most equivalent alternative. The average of these two indexes shall be calculated and if it equals the prior year's average, Schedule A shall not be adjusted.

2. If the average of the two indexes does not equal the prior year's average, then an adjustment factor shall be computed by dividing the average of the two indexes by the prior year's average. This adjustment factor shall then be multiplied by each fee rate set forth in Schedule A that was in effect on the date of the adoption of this Title. The results shall constitute the adjusted Schedule A.

Water development fees stipulated below to be paid in cash may be paid in cash or in another form of immediately available funds.

A. RATE PER EDU - \$16,962.00

B. EDU Assignments: (For Single Family Service, Multi-Family Service, Commercial Service, Open Space Service, Park Service, and Public School Service based upon size of service necessary for Water Consumption Needs.)

- a. 1" service and smaller shall be assigned 1.0 EDU.
- b. 1-1/2" service shall be assigned 2.3 EDU's.
- c. 2" service shall be assigned 4.0 EDU's.
- d. 3" service shall be assigned 9.0 EDU's.

- e. 4" service shall be assigned 16.0 EDU's.
- f. 6" service shall be assigned 36.0 EDU's.
- g. Other size EDU assignments shall be determined by the Agency Engineer subject to Board approval.

C. CALCULATION OF ACREAGE – The acreage area used in the calculation of the water development fees in this schedule shall be based on gross acreage, minus non-irrigated acreage solely of the following: County and City rights-of-way, lined channels, and water quality detention basins.

D. SINGLE FAMILY SERVICE FEES (Water service to residential premises with a density of less than ten (10) Units per acre, based upon number of Units within the boundary area as determined by Agency.)

- 1. The water development fee for Single Family Service shall be the rate per EDU multiplied by the applicable EDU assignment as set forth above.
- 2. The water development fee for Single Family Service shall be payable as follows:
  - a. Fifteen percent (15%) of the total water development fee shall be payable in cash prior to approval of Improvement Plans.
  - b. The balance of the water development fee due plus any approved increases made since the fifteen percent portion of the water development fee was paid shall be paid at the time of issuance of building permits.

E. MULTI-FAMILY SERVICE FEES (Water service to residential premises with a density of ten (10) Units per acre or greater, based upon number of Units within the boundary area as determined by Agency.)

- 1. The water development fee for Multi-Family Service shall be calculated at the rate of 0.75 EDU per Unit.
- 2. The total water development fee for service shall be paid in cash prior to the approval of an Improvement Plan.

F. COMMERCIAL SERVICE FEES (Water service to nonresidential premises including, but not limited to, businesses, manufacturing plants, processing plants, industrial buildings, stores, hotels, motels, rest homes, private schools, government buildings and office buildings. Excludes public schools, parks, and open space.)

1. The water development fee for Commercial Service shall be the rate per EDU multiplied by the applicable EDU assignment as set forth above.
2. The water development fee for acreage shall be \$9,663.00 per acre.
3. Acreage shall be based on the lot size, not the developed area.
4. The water development fee for acreage shall be paid in cash prior to the approval of an Improvement Plan.
5. The water development fee for building services shall be paid in cash at the time of issuance of building permits. If a project does not require a building permit, the water development fee for Commercial Services shall be paid in cash prior to approval of an Improvement Plan.
6. The water development fee for irrigation services shall be in accordance with Open Space Service as set forth below and shall be paid in cash prior to approval of an Improvement Plan.

G. OPEN SPACE SERVICE FEES (Water service that is not Single Family, Multi-Family, Commercial, Park, or Public School Service. Open Space Service includes, but is not limited to, landscape corridor irrigation, landscape irrigation not within a public school or park, crop irrigation, and livestock watering.)

1. The water development fee for Open Space Service shall be the rate per EDU multiplied by the applicable EDU assignment as set forth above.
2. The water development fee for acreage which will receive Open Space Service shall be \$1,872.00 per acre.
3. The total water development fee for services and acreage shall be paid in cash prior to the approval of an Improvement Plan.

H. PARK SERVICE FEES (Water service to a public or private park, including but not limited to landscaping, playing fields, buildings, common areas, park roads, and parking lots.)

1. The water development fee for Park Service shall be the rate per EDU multiplied by the applicable EDU assignment as set forth above.
2. The water development fee for acreage shall be \$3,839.00 per acre.
3. The water development fee for Park Service shall be payable as follows:
  - a. Parks 10 Acres and Less: The total water development fee for services and acreage shall be paid in cash prior to the Agency approval of an Improvement Plan for a road adjacent to a park.
  - b. Parks Larger than 10 Acres: The total water development fee for services and acreage shall be paid in cash prior to the Agency approval of a park plan (landscape plan) stamped by a registered landscape architect.

I. PUBLIC SCHOOL SERVICE FEES (Water service to a public school, including, but not limited to, landscaping, playing fields, buildings, common areas, school roads, and parking lots.)

1. The water development fee for Public School Service shall be the rate per EDU multiplied by the applicable EDU assignment as set forth above.
2. The water development fee for acreage shall be \$6,398.00 per acre.
3. The total water development fee for services and acreage shall be paid in cash prior to the approval of an Improvement Plan.

J. SURFACE WATER COMPONENT FEE - DEVELOPMENTS SERVED BY PRIVATE WELLS

1. Developments in Zone 40 served by new private wells, for which a tentative map or parcel map is approved after the effective date of this fee, (March 22, 2008) shall pay the Surface Water Component Fee in cash prior to issuance of a building permit.
2. Residential Lots: The water development fee shall be 78.6% of 1 EDU per lot.

3. Commercial Lots: The water development fee shall be 78.6% of the EDU assignment listed in the Commercial Service section of this schedule and shall be based on the size of Commercial Service determined in the Agency New Service Request and Cross Connection Control Form.
4. Prior to future connection to a water system supplied by wholesale water from the Agency, the remaining 21.4% shall be paid in cash based upon the fee in effect at the time of connection and the number of EDU's of the actual service sizes.

## II. ZONE 50

1. The purpose of the Water Development Fee is to provide for the payment of connection fees (City Fee) to the City of Sacramento for the share of capital costs for firm capacity in the City's pumping, diversion, treatment, storage and transmission facilities that will be used to provide wholesale and/or wheeled water service to Zone 50.
2. The Water Development Fee will be the sum of the EDU Fee and the Acreage Fee along with a 5% administration charge.
3. A fixed charge of \$354/acre and \$25/EDU will be added to pay for the Zone 50 Water Supply Master Plan updates.

Determination of development fees will be as follows:

$$\text{Acreage fee} = \text{City Fee } (\$/\text{MGD}) * 0.00181 \text{MGD/acre} + \$354/\text{acre}$$

$$\text{EDU fee} = \text{City Fee } (\$/\text{MGD}) * 0.00013 \text{MGD/EDU} + \$25/\text{EDU}$$

Water development fees stipulated below to be paid in cash may be paid in cash or in another form of immediately available funds.

A. RATE PER EDU - \$354.00

B. EDU Assignments: (For Single Family Service, Multi-Family Service, Commercial Service, and Open Space Service based upon size of service necessary for Water Consumption Needs.)

- a. 1" service and smaller shall be assigned 1.0 EDU.
- b. 1-1/2" service shall be assigned 2.3 EDU's.
- c. 2" service shall be assigned 4.0 EDU's.
- d. 3" service shall be assigned 9.0 EDU's.

- e. 4" service shall be assigned 16.0 EDU's.
- f. 6" service shall be assigned 36.0 EDU's.
- g. Other size EDU assignments shall be determined by the Agency Engineer subject to Board approval.

C. CALCULATION OF ACREAGE – The acreage area used in the calculation of the water development fees in this schedule shall be based on gross acreage, minus non-irrigated acreage solely of the following: County and City rights-of-way, lined channels, and water quality detention basins.

D. SINGLE FAMILY SERVICE FEES

- 1. The water development fee for Single Family Service shall be the rate per EDU multiplied by the applicable EDU assignment as set forth above.
- 2. The total water development fee for Single Family Service shall be paid in cash prior to the approval of an Improvement Plan.

E. MULTI-FAMILY SERVICE FEES

- 1. The water development fee for Multi-Family Service shall be calculated at the rate of 0.75 EDU per Unit.
- 2. The total water development fee for Multi-Family Service shall be paid in cash prior to the approval of an Improvement Plan.

F. COMMERCIAL SERVICE FEES

- 1. The water development fee for Commercial Service shall be the rate per EDU multiplied by the applicable EDU assignment as set forth above.
- 2. The water development fee for acreage shall be \$4,983.00 per acre.
- 3. Acreage shall be based on the lot size, not the developed area.
- 4. The total water development fee for services and acreage shall be paid in cash prior to the approval of an Improvement Plan.



G. OPEN SPACE SERVICE FEES – For purposes of Zone 50, Service that is not Single Family, Multi-Family, or Commercial including but not limited to landscape irrigation, crop irrigation, livestock watering, and park or parkway irrigation shall be Open Space Service.

1. The water development fee for Open Space Service shall be the rate per EDU multiplied by the applicable EDU assignment as set forth above.
2. The water development fee for acreage which will receive Open Space Service shall be \$4,983.00 per acre.
3. The total water development fee for services and acreage shall be paid in cash prior to the approval of an Improvement Plan.

## NOTICE OF CREDIT INCREASE

NOTICE IS HEREBY GIVEN that credit authorizations for water development fees collected within the boundaries of Zone 40 of the Sacramento County Water Agency shall be established pursuant to Appendix 1, Schedule C of the Sacramento County Water Agency Code effective 12:01 a.m., March 1, 2019. The following schedule C shows the new credits for Zone 40:

### SCHEDULE C – CREDITS FOR TRANSMISSION MAINS

Schedule C credits may be adjusted by the Agency Engineer effective March 1 of each year as follows:

a. That year’s January 1 construction cost index for 20 U.S. Cities and that year’s January 1 construction cost index for San Francisco shall be determined by resort to the appropriate January issue of the Engineering News Record magazine or its most equivalent alternative. The average of these two indexes shall be calculated and if it equals the prior year’s average, Schedule C shall not be adjusted.

b. If the average of the two indexes does not equal the prior year’s average, then an adjustment factor shall be computed by dividing the average of the two indexes by the prior year’s average. This adjustment factor shall then be multiplied by each fee rate set forth in Schedule C that was in effect on the date of the adoption of this Title. The results shall constitute the adjusted Schedule C.

CREDIT ITEM	UNIT	UNIT CREDIT
<b>TRANSMISSION MAIN PIPELINES (Notes 6 &amp; 7)</b>		
12-inch Pipe (undeveloped areas)	lineal foot	\$114.30
12-inch Pipe (under existing pavement)	lineal foot	\$206.60
16-inch Pipe (undeveloped areas)	lineal foot	\$151.90
16-inch Pipe (under existing pavement)	lineal foot	\$257.00
18-inch Pipe (undeveloped areas)	lineal foot	\$174.00
18-inch Pipe (under existing pavement)	lineal foot	\$292.00

20-inch Pipe (undeveloped areas)	lineal foot	\$188.30
20-inch Pipe (under existing pavement)	lineal foot	\$299.80
24-inch Pipe (undeveloped areas)	lineal foot	\$229.70
24-inch Pipe (under existing pavement)	lineal foot	\$332.30
30-inch Pipe (undeveloped areas)	lineal foot	\$316.60
30-inch Pipe (under existing pavement)	lineal foot	\$419.10
36-inch Pipe (undeveloped areas)	lineal foot	\$388.00
36-inch Pipe (under existing pavement)	lineal foot	\$497.10
42-inch Pipe (undeveloped areas)	lineal foot	\$460.90
42-inch Pipe (under existing pavement)	lineal foot	\$578.90
48-inch Pipe (undeveloped areas)	lineal foot	\$542.60
48-inch Pipe (under existing pavement)	lineal foot	\$684.20
54-inch Pipe (undeveloped areas)	lineal foot	\$721.80
54-inch Pipe (under existing pavement)	lineal foot	\$869.70
60-inch Pipe (undeveloped areas)	lineal foot	\$841.00
60-inch Pipe (under existing pavement)	lineal foot	\$992.90
66-inch Pipe (undeveloped areas)	lineal foot	\$979.90
66-inch Pipe (under existing pavement)	lineal foot	\$1,146.00

CREDIT ITEM	UNIT	UNIT CREDIT
<b>BUTTERFLY VALVES</b>		
12-inch Butterfly Valve Assembly	each	\$4,153.00
16-inch Butterfly Valve Assembly	each	\$6,489.00
18-inch Butterfly Valve Assembly	each	\$7,788.00
20-inch Butterfly Valve Assembly	each	\$8,955.00
24-inch Butterfly Valve Assembly	each	\$12,329.00
30-inch Butterfly Valve Assembly	each	\$23,491.00
36-inch Butterfly Valve Assembly	each	\$28,425.00
42-inch Butterfly Valve Assembly	each	\$39,067.00
48-inch Butterfly Valve Assembly	each	\$59,444.00
54-inch Butterfly Valve Assembly	each	\$92,283.00
60-inch Butterfly Valve Assembly	each	\$124,599.00
66-inch Butterfly Valve Assembly	each	\$139,915.00
<b>IN-LINE BLOW OFF ASSEMBLIES</b>		
4-inch In-Line Blow Off Assembly	each	\$9,216.00
6-inch In-Line Blow Off Assembly	each	\$15,705.00
8-inch and Larger In-Line Blow Off Assembly	each	\$20,377.00
<b>ARV ASSEMBLIES</b>		
1-inch ARV Assembly (Std Dwg 8-14A)	each	\$4,543.00
2-inch ARV Assembly (Std Dwg 8-14B)	each	\$7,009.00
3-inch ARV Assembly	each	\$9,344.00
<b>MISC. CREDIT ITEMS</b>		
Bore & Jack 12" - 20" Transmission Mains (Note 4)	lineal foot	\$1,091.00
Bore & Jack 24" - 36" Transmission Mains (Note 4)	lineal foot	\$1,544.00
Bore & Jack 42" - 66" Transmission Mains (Note 4)	lineal foot	\$2,158.00
Cathodic Protection System (Anodes), Per Foot of Protected Pipeline	lineal foot	\$6.40
Check Valve Station (12 to 24-inch)	each	\$34,135.00
Traffic Control (Unpaved Areas Only), Per Foot of Pipeline (Note 5)	lineal foot	\$12.80
<b>NOTES:</b>		
1. Credit for Transmission Mains includes but is not limited to: pipes, fittings, tie-in's, temporary blow off valves, locating wire stations, bedding, backfill, restrained joints, thrust blocks, etc.		

2. Costs for traffic control and pavement restoration are included in the unit credit for Transmission Mains under existing pavement.

3. Under Existing Pavement - Transmission Mains constructed under existing pavement.

Undeveloped Areas - Transmission Mains constructed in conjunction with new roads or properties, typically in raw land.

Unpaved Areas - Transmission Mains constructed adjacent to existing paved roadways where removal of existing pavement is not necessary.

4. Credit for bore & jack includes the cost of the Transmission Main pipe. Credit is not applicable to bore & jack under wetlands for purposes of accelerating a project.

5. Credit item is applicable to Transmission Main segments located adjacent to existing paved roadways where traffic control measures are required by the transportation authority.

6. Potable water Transmission Mains are 16" in diameter and larger.

7. Raw Water Transmission Mains are 12" in diameter and larger

## NOTICE OF FEE INCREASE

NOTICE IS HEREBY GIVEN that recycled water development fees collected within the boundaries of Zone 40 Special Services Area A of the Sacramento County Water Agency shall be increased pursuant to Schedule R-1 of Title 5 of the Sacramento County Water Agency effective 12:01 a.m., March 1, 2019. The following schedule R-1 shows the revised fees for Zone 40 Special Services Area A:

### SCHEDULE R-1

Residential		Non-Residential	
Land Use Type	Fee Per Unit	Land Use Type	Fee Per Sq. Ft.
AG-80	\$926	M-1 / M-2	\$0.097
AG-20	\$926	MP	\$0.181
AR-10	\$926	BP	\$0.181
AR-5	\$926	SC	\$0.157
AR-2	\$926	AC	\$0.157
AR-1	\$926	GC	\$0.131
RD-1	\$926	LC	\$0.192
RD-2	\$926	TC	\$0.240
RD-3	\$926		
RD-4	\$926		
RD-5	\$926		
RD-6	\$926		
RD-7	\$926		
RD-9	\$926		
RD-10	\$732		
RD-12	\$732		
RD-15	\$732		
RD-20	\$616		
RD-25	\$616		
RD-30	\$616		

## **NOTICE OF CREDIT INCREASE**

NOTICE IS HEREBY FURTHER GIVEN that credit authorizations for recycled water development fees collected within the boundaries of Zone 40 Special Service Area A of the Sacramento County Water Agency shall be increased pursuant to Schedule R-2 of Title 5 effective 12:01 a.m., March 1, 2019. The following schedule R-2 shows the revised credit schedule for Zone 40 Special Service Area A:

### **SCHEDULE R-2**

#### **UNIT PRICES FOR ZONE 40 SPECIAL SERVICE AREA A CREDITS**

##### **RECYCLED WATER TRANSMISSION MAINS**

<b>Recycled Water Transmission Pipe Size *</b>	<b>Credit Per Foot</b>
6"	\$30.50
8"	\$40.60
10"	\$50.90
12"	\$61.10
16"	\$110.30
18"	\$139.10
20"	\$171.20
24"	\$247.50

Other recycled water transmission pipe size credits shall be determined by the Agency Engineer subject to Board approval.

\* Construction costs for recycled water transmission mains include but are not limited to: pipes, elbows, tees or outlets, reducers, valves, valve assembly appurtenances, bedding, backfill, restrained joints, thrust blocks, etc.

## OTHER RECYCLED WATER FACILITY CREDITS

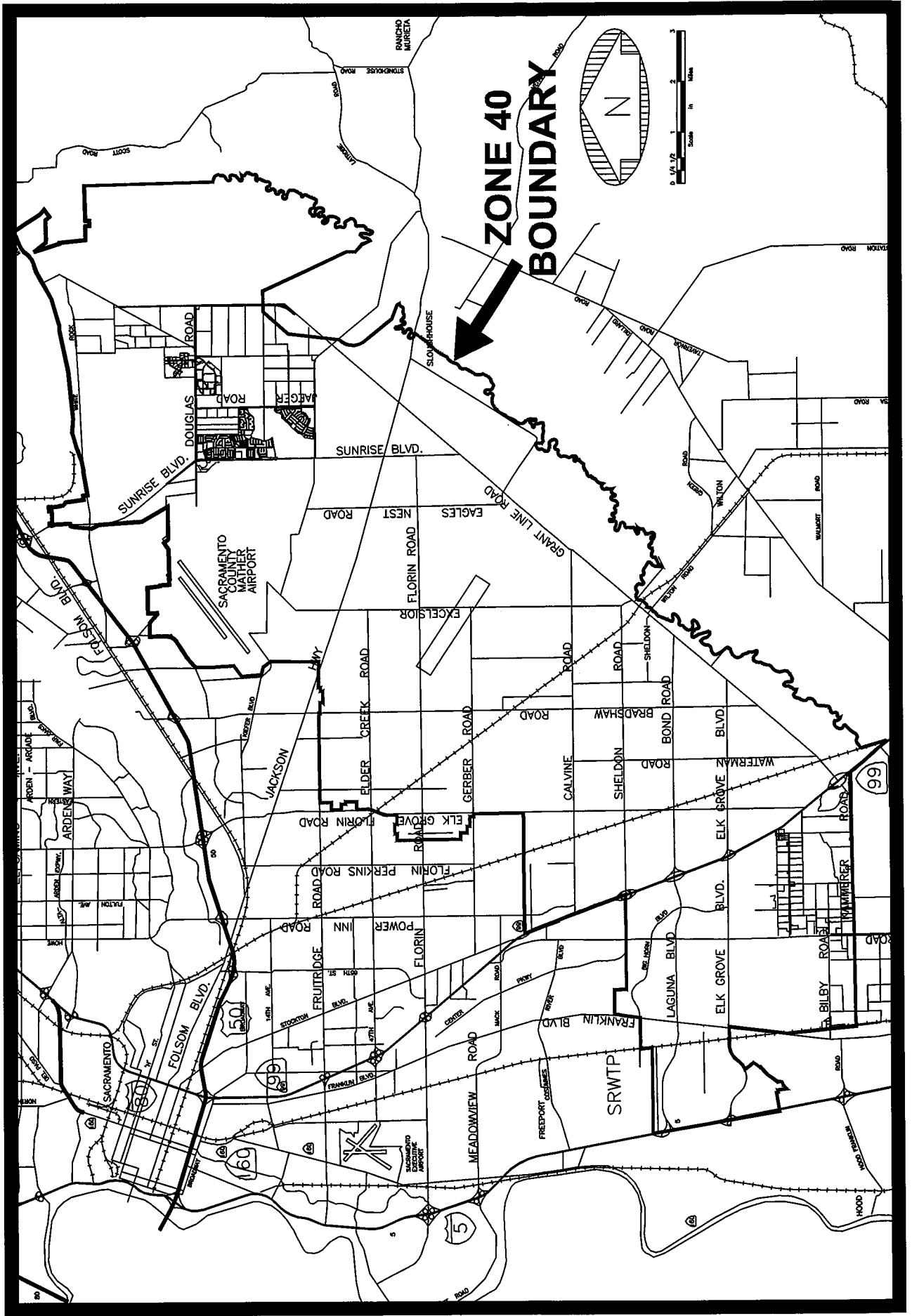
<b>Recycled Water Facility</b>	<b>Total</b>
1. Storage Tank **	\$2,616,869
2. Pumps ***	\$1,221,169

\*\* 3 million gallons (MG) at \$872,290/MG.

\*\*\* 1000 nominal horsepower (HP) at \$1,221.20/HP

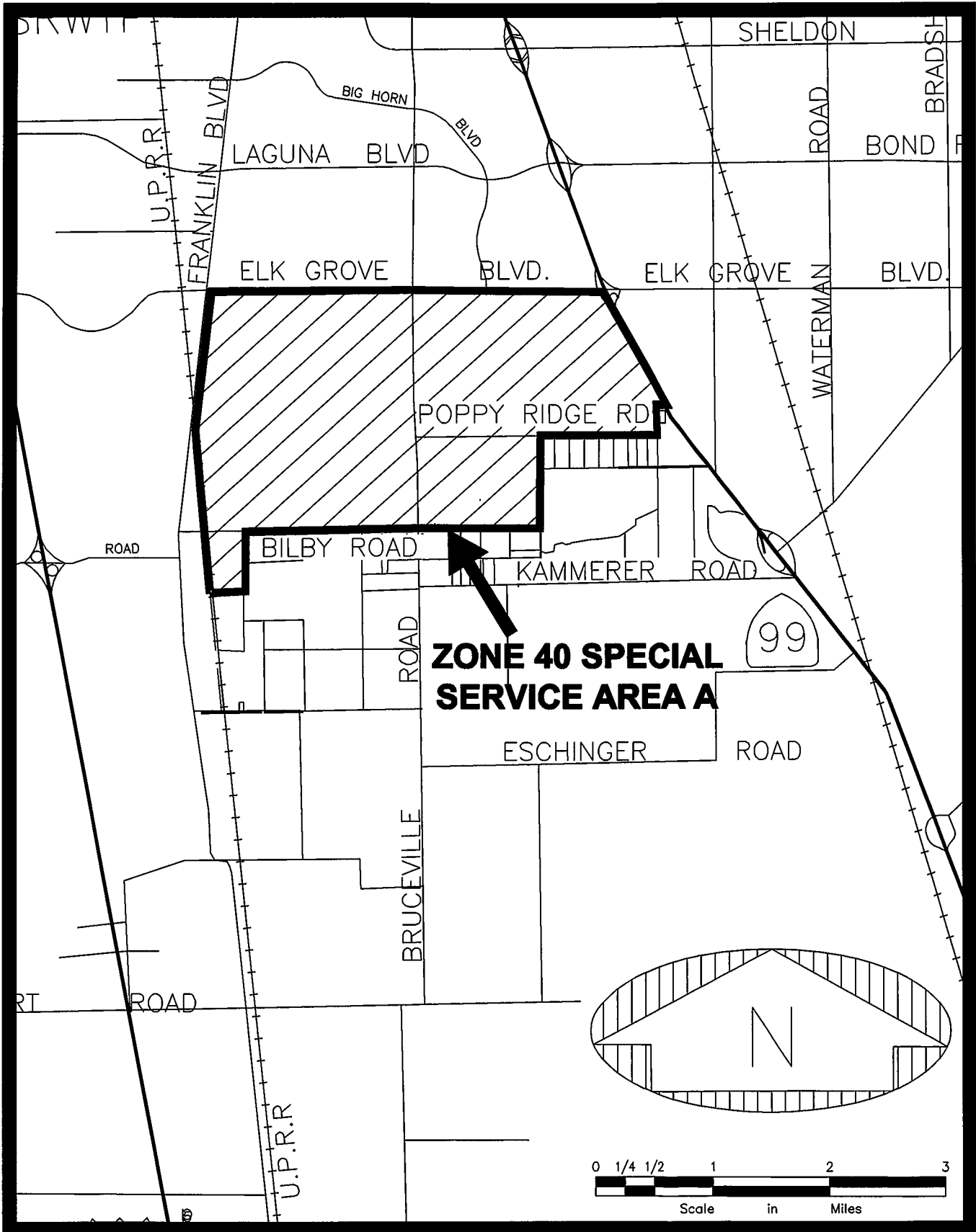


# COUNTY OF SACRAMENTO SACRAMENTO COUNTY WATER AGENCY



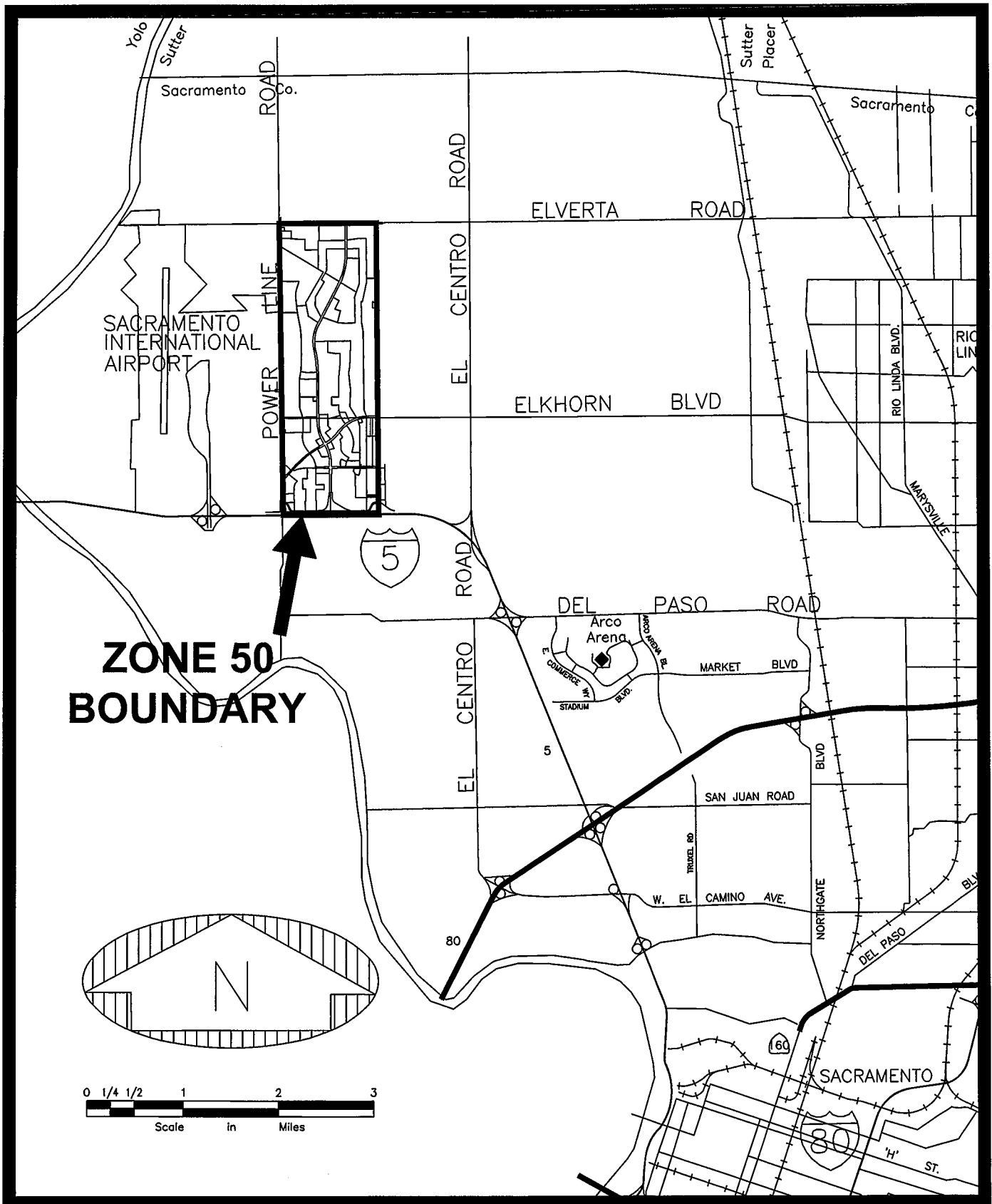
# COUNTY OF SACRAMENTO

## SACRAMENTO COUNTY WATER AGENCY



# COUNTY OF SACRAMENTO

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APPENDIX 1				
DRAINAGE FEE SCHEDULE "A"		Fee Schedule Effective March 1, 2019		
<b>ZONE 11A FEES (per acre)</b>				
<b>LAND USE</b>	<b>Mar 2019 Zone 11A Fee (per acre)</b>	<b>2019 Fee for Parcels Recorded before 8/16/2004 (per acre)</b>	<b>2019 Beach Stone Lake (per acre)</b>	
Raw Land and Open Space	\$0	\$0	\$0	
Road Right-of-Way, greater than 40' [1]	\$0	\$0	\$0	
Residence on 5.0 acres(+)	\$0	\$0	\$0	
Equation [5]				
Residence on 3.5 acres	\$5,406	\$959	\$17	
Equation [5]				
Residence on 2.0 acres	\$10,782	\$1,678	\$31	
Equation [5]				
Residence on 1.0 acre	\$14,355	\$3,355	\$62	
Equation [5]				
Residence on 0.50 acre	\$14,783	\$6,561	\$124	
Equation [5]				
Residence on 0.25 acre	\$16,775	\$12,527	\$248	
Equation [5]				
Residence on 0.20 acre	\$17,360	\$15,287	\$310	
Equation [5]				
Residence on 0.14 acre	\$18,193	\$18,193	\$310	
Equation [5]				
Residence on 0.10 acre	\$19,767	\$19,767	\$310	
Equation [5]				
Residential RD20 to RD30	\$21,079	\$21,079	\$310	
Mobilehome Park	\$21,769	\$21,769	\$310	
Industrial	\$22,885	\$22,885	\$310	
Commercial (office/retail)	\$23,309	\$23,309	\$310	
Parking Lot	\$23,309	\$23,309	\$310	
Public School Campus [6]	\$18,193	\$18,193	\$310	
School Campus with detention [2]	\$9,096	\$9,096	\$310	
Sports Field graded with field drains	\$14,108	\$14,108	\$310	
Sports Field no piped field drains	\$5,406	\$5,406	\$310	
Sports Field with detention [2]	\$2,703	\$2,703	\$310	
Impervious areas of park [2]	\$23,309	\$23,309	\$310	
[1] The fees are calculated based on the net parcel area plus 20 feet of road width. That is, a 1.00 acre parcel fronting 300 feet of a thoroughfare shall pay fees based on $43560\text{sf} + (300' \times 20') = 1.138 \text{ acre}$				
[2] Pursuant to Section 2.50.050, a school or park that detains greater than 50% of the peak flow volume, at the discretion of Water Resources, may reduce the fee by 50%.				
[3] Beach Stone Lake Volume Mitigation Fee is accounted for separate from Zone 11A.				
[4] Pursuant to Section 2.50.060 the fee is reduced for parcels recorded prior to adoption of this Fee Plan. RD5 and larger lots are adjusted to 2003 fee plus 20%.				
[5] Equation- use straight line interpolation.				
[6] Public Schools pay one time as they don't necessarily return to county for additional building permits.				

APPENDIX 1	Fee Schedule Effective March 1, 2019			
DRAINAGE FEE SCHEDULE "A"				
ZONE 11A REDUCED FEES (per acre)				
LAND USE	2019 Zone 11A Fee for LAGUNA WEST, LAKESIDE, ELLIOTT RANCH SOUTH (per acre)	2019 Zone 11A Fee for Laguna Business Park (Laguna Oaks, Parkside), Calvine- 99 SPA (per acre)		
Raw Land and Open Space	\$0	\$0		
Road Right-of-Way, greater than 40' [1]	\$0	\$0		
Residence on 5.0 acres(+) Equation[2]	\$0	\$0		
Residence on 3.5 acres Equation[2]	\$389	\$542		
Residence on 2.0 acres Equation[2]	\$680	\$949		
Residence on 1.0 acre Equation[2]	\$1,362	\$1,897		
Residence on 0.50 acre Equation[2]	\$2,724	\$3,795		
Residence on 0.25 acre Equation[2]	\$5,447	\$7,590		
Residence on 0.20 acre Equation[2]	\$6,809	\$9,487		
Residence on 0.14 acre Equation[2]	\$6,903	\$9,675		
Residence on 0.10 acre Equation[2]	\$7,044	\$9,957		
Residential RD20 to RD30	\$7,405	\$10,733		
Mobilehome Park	\$7,765	\$11,509		
Industrial	\$8,125	\$12,286		
Commercial (office/retail)	\$8,486	\$13,062		
Parking Lot	\$8,486	\$13,062		
Public School Campus [3]	\$5,605	\$8,046		
School Campus with detention	\$5,605	\$8,046		
Sports Field graded with field drains	\$2,270	\$3,032		
Sports Field no piped field drains	\$2,270	\$3,032		
Sports Field with detention	\$2,270	\$3,032		
Impervious areas of park	\$8,486	\$13,062		
[1] The fees are calculated based on the net parcel area plus 20 feet of road width. That is, a 1.00 acre parcel fronting 300 feet of a thoroughfare shall pay fees based on $43560\text{sf} + (300' \times 20') = 1.138$ acre				
[2] Equation- use straight line interpolation.				
[3] Public Schools pay one time as they don't necessarily return to county for additional building permits.				

APPENDIX 1

DRAINAGE FEE SCHEDULE "A"

Fee Schedule Effective March 1, 2019

**ZONE 11B FEES (per acre)**

LAND USE	2019 Zone 11B Fee (per acre)	2019 Fee for Parcels Recorded before 8/16/2004 (per acre)
Raw Land and Open Space	\$0	\$0
Road Right-of-Way, greater than 40' [1]	\$0	\$0
Residence on 5.0 acres(+)	\$0	\$0
Equation [4]		
Residence on 3.5 acres	\$3,841	\$752
Equation [4]		
Residence on 2.0 acres	\$7,684	\$1,315
Equation [4]		
Residence on 1.0 acre	\$10,246	\$2,631
Equation [4]		
Residence on 0.50 acre	\$10,470	\$5,263
Equation [4]		
Residence on 0.25 acre	\$11,442	\$10,525
Equation [4]		
Residence on 0.20 acre	\$11,739	\$11,669
Equation [4]		
Residence on 0.14 acre	\$12,123	\$12,050
Equation [4]		
Residence on 0.10 acre	\$13,158	\$13,080
Equation [4]		
Residential RD20 to RD30	\$14,042	\$13,957
Mobilehome Park	\$15,188	\$15,097
Industrial	\$15,188	\$15,097
Commercial (office/retail)	\$15,385	\$15,294
Parking Lot	\$15,385	\$15,294
Public School Campus [5]	\$12,123	\$12,050
School Campus with detention [2]	\$6,061	\$6,026
Sports Field graded with field drains	\$10,246	\$10,185
Sports Field no piped field drains	\$3,841	\$3,819
Sports Field with detention [2]	\$1,921	\$1,909
Impervious areas of park [2]	\$15,385	\$15,294

[1] The fees are calculated based on the net parcel area plus 20 feet of road width.

That is, a 1.00 acre parcel fronting 300 feet of a thoroughfare shall pay fees based on  $43560sf + (300' \times 20') = 1.138$  acre

[2] Pursuant to Section 2.50.050, a school or park that detains greater than 50% of the peak flow volume, at the discretion of Water Resources, may reduce the fee by 50%.

[3] Pursuant to Section 2.50.060 the fee is reduced for parcels recorded prior to adoption of this Fee Plan. RD5 and larger lots are adjusted to 2003 fee plus 20%.

[4] Equation- use straight line interpolation.

[5] Public Schools pay one time as they don't necessarily return to county for additional building permits.

APPENDIX 1

DRAINAGE FEE SCHEDULE "A"

Fee Schedule Effective March 1, 2019

**ZONE 11C FEES (per acre)**

LAND USE	2019 Zone 11C Fee (per acre)	2019 Fee for Parcels Recorded before 8/16/2004 (per acre)	2019 Sheds Flowing to Dry Creek into Placer County (add'l fee/acre)	2019 Sheds Flowing to Linda Creek (add'l fee/acre)	2019 Sheds Flowing to NEMDC Tributaries (add'l fee/acre)
Raw Land and Open Space	\$0	\$0	\$0	\$0	\$0
Road Right-of-Way, greater than 40' [1]	\$0	\$0	\$0	\$0	\$0
Residence on 5.0 acres(+)	\$0	\$0	\$0	\$0	\$0
Equation[5]					
Residence on 3.5 acres	\$5,457	\$798	\$61	\$238	\$339
Equation[5]					
Residence on 2.0 acres	\$10,914	\$1,396	\$106	\$417	\$364
Equation[5]					
Residence on 1.0 acre	\$14,554	\$2,791	\$212	\$833	\$387
Equation[5]					
Residence on 0.50 acre	\$14,988	\$5,582	\$425	\$1,056	\$475
Equation[5]					
Residence on 0.25 acre	\$16,876	\$11,165	\$850	\$1,056	\$562
Equation[5]					
Residence on 0.20 acre	\$17,457	\$13,955	\$1,061	\$1,056	\$605
Equation[5]					
Residence on 0.14 acre	\$18,200	\$18,200	\$1,486	\$1,056	\$660
Equation[5]					
Residence on 0.10 acre	\$19,589	\$19,589	\$1,617	\$1,056	\$733
Equation[5]					
Residential RD20 to RD30	\$20,747	\$20,747	\$1,617	\$1,056	\$794
Mobilehome Park	\$21,355	\$21,355	\$1,617	\$1,056	\$823
Industrial	\$22,357	\$22,357	\$1,617	\$1,056	\$854
Commercial (office/retail)	\$22,752	\$22,752	\$1,617	\$1,056	\$854
Parking Lot	\$22,752	\$22,752	\$1,617	\$1,056	\$854
Public School Campus [6]	\$18,200	\$18,200	\$1,617	\$1,056	\$660
School Campus with detention [2]	\$9,100	\$9,100	\$1,617	\$1,056	\$660
Sports Field graded with field drains	\$14,554	\$2,791	\$1,617	\$1,056	\$387
Sports Field no piped field drains	\$5,457	\$798	\$1,617	\$1,056	\$339
Sports Field with detention [2]	\$2,729	\$398	\$1,617	\$1,056	\$339
Impervious areas of park [2]	\$22,752	\$22,752	\$1,617	\$1,056	\$854

[1] The fees are calculated based on the net parcel area plus 20 feet of road width.  
That is, a 1.00 acre parcel fronting 300 feet of a thoroughfare shall pay fees based on  
 $43560sf + (300' \times 20') = 1.138$  acre

[2] Pursuant to Section 2.50.050, a school or park that detains greater than 50% of the peak flow volume, at the discretion of Water Resources, may reduce the fee by 50%.

[3] Supplemental fees pursuant to Fee Plan and Chapter 2.75

[4] Pursuant to Section 2.50.060 the fee is reduced for parcels recorded prior to adoption of this Fee Plan. RD5 and larger lots are adjusted to 2003 fee plus 20%.

[5] Equation- use straight line interpolation.

[6] Public Schools pay one time as they don't necessarily return to county for additional building permits.

<b>APPENDIX 2</b>		
<b>Zone 11 Credit Schedule</b>		<b>pg 1 of 2</b>
<b>Schedule D</b>	<b>Effective March 1, 2019</b>	
<b>Storm Drain Pipe [1]:</b>		
12"	\$37.91	per lf
15"	\$42.31	per lf
18"	\$48.72	per lf
21"	\$55.48	per lf
24"	\$60.80	per lf
27"	\$70.50	per lf
30"	\$72.57	per lf
33"	\$85.23	per lf
36"	\$88.76	per lf
42"	\$121.49	per lf
48"	\$139.85	per lf
54"	\$148.50	per lf
60"	\$165.50	per lf
66"	\$210.92	per lf
72"	\$244.15	per lf
84"	\$244.15	per lf
96"	\$244.15	per lf
<b>Manhole Size [2]:</b>		
48"	\$3,582.69	per ea
60"	\$5,213.40	per ea
72"	\$6,433.45	per ea
84"	\$7,512.12	per ea
96"	\$9,245.68	per ea
108"	\$9,848.75	per ea
Saddle Manhole	\$4,622.84	per ea
4" thick Concrete Channel Lining	\$8.40	per sf
<b>Fencing and Gates:</b>		
3' high post + cable	\$13.37	per lf
Pipe gate	\$3,611.59	per ea
6' high wrought iron with gates	\$26.01	per lf
6' chain link fence with gates	\$15.75	per lf
4' chain link fence with gates	\$14.56	per lf
Signs 16sf or smaller	\$291.63	per ea
Signs >16sf	\$437.45	per ea
Miscellaneous metal (handrails, debris and access racks, and flap gates)	\$5.90	per lb



<b>APPENDIX 2</b>		
<b>Zone 11 Credit Schedule</b>		<b>pg 2 of 2</b>
<b>Schedule D</b>	<b>Effective March 1, 2019</b>	
<b>Channel excavation [3]</b>	<b>\$4.54</b>	<b>per cy</b>
<b>sides</b>	<b>\$0.00</b>	<b>per sf</b>
<b>Basin excavation [3]</b>	<b>\$4.25</b>	<b>per cy</b>
<b>Erosion Control Riprap [4]:</b>		
<b>Class 1 backing rock</b>	<b>\$43.34</b>	<b>per ton</b>
<b>Class 2 backing rock</b>	<b>\$46.22</b>	<b>per ton</b>
<b>1/4 ton</b>	<b>\$50.57</b>	<b>per ton</b>
<b>Cobbles</b>	<b>\$46.22</b>	<b>per ton</b>
<b>GeoWeb - rock weir</b>	<b>\$45.21</b>	<b>per ton</b>
<b>Access and Maintenance Roads:</b>		
<b>1" thick asph conc</b>	<b>\$0.53</b>	<b>per sf</b>
<b>1" thick aggr base</b>	<b>\$0.32</b>	<b>per sf</b>
<b>1" thick Decomposed Granite</b>	<b>\$0.42</b>	<b>per sf</b>
<b>Geotextile fabric</b>	<b>\$0.23</b>	<b>per sf</b>
<b>Repair Surfaces:</b>		
<b>Asphalt concrete patch paving</b>	<b>\$10.13</b>	<b>per sf</b>
<b>Hydroseed</b>	<b>\$2,025.24</b>	<b>per acre</b>
<b>Miscellaneous Concrete [5]:</b>		
<b>Junction Box</b>	<b>\$1,206.27</b>	<b>per cy</b>
<b>Headwall</b>	<b>\$1,206.27</b>	<b>per cy</b>
<b>Stairway</b>	<b>\$1,206.27</b>	<b>per cy</b>
<b>Flat pad</b>	<b>\$722.32</b>	<b>per cy</b>
<b>Ramp</b>	<b>\$722.32</b>	<b>per cy</b>
<b>Driveway</b>	<b>\$722.32</b>	<b>per cy</b>
<b>Weir Structure</b>	<b>\$722.32</b>	<b>per cy</b>
<b>Notes:</b>		
[1] Smaller pipe sizes are often used for basin outlets		
[2] Manhole unit price is complete including rim and lid		
[3] Same unit price regardless of method of transport		
[4] Riprap class is based on Caltrans Specifications		
[5] Concrete unit price includes rebar, structure excavation and backfill, sub-base material and grading		

<b>North Vineyard Station Supplemental Drainage</b>	3.3946343	
<b>Zone 11N Fee and Credit Schedule</b>		
<b>SCHEDULE N</b>	<b>Effective March 1, 2019</b>	
<b>CREDITS</b>		
Riparian Enhancement Landscaping (Channel) [1]	\$70.18	/LF
Riparian Enhancement Landscaping (Basin perimeter) [1]	\$16.24	/LF
Erosion Control (Channel) [2]	\$12.38	/LF
Lineal Water Quality Features [3]	\$6,182	/EA
Low Flow Crossing [4]		
Box Culvert [4]		
Temporary Pump Station [5]	\$267,096	/EA
Remove Temp Pump Station [6]	\$98,924	/EA
Construct Temporary Weir at Detention Basin E24B		
Construct Temporary Weir at Detention Basin E24A		
Construct Temporary Weir at Detention Basin G41		
<b>Real Estate Acquisition:</b>		
Channel easement in existing and future 100-yr floodplain (top of bank future channel)	\$57,269	/AC
Preserve channel buffer above top of bank [7] [8] [9]	\$143,169	/AC
Detention Basin (unencumbered), less Zone 11 A credit [7] [8] [9]	\$19,471	/AC
Preserve buffer encumbered by aerial utility easement	\$57,267	/AC
Channel easement (top of bank) encumbered by easement for underground utility	\$7,158	/AC
Preserve buffer encumbered by easement for underground utility	\$36,079	/AC
<b>FEES per acre* [use straight line interpolation]</b>		
Residence on 2.0 acre or larger parcel	\$0	/AC
Residence on 1.0 acre	\$19,700	/AC
Residence on 0.50 acre	\$20,897	/AC
Residence on 0.25 acre	\$24,128	/AC
Residence on 0.20 acre	\$25,238	/AC
Residence on 0.14 acre	\$28,589	/AC
Residence on 0.10 acre	\$29,455	/AC
Residential RD20 to RD30	\$30,158	/AC
Commercial (office/retail)	\$33,268	/AC
School Campus	\$28,589	/AC
Sports Field	\$0	/AC
Impervious Areas of Park	\$0	/AC
<b>NOTICE: 20.00%</b> of the fee obligation must be paid in cash and credits cannot be used.		
<b>Footnotes:</b>		
* Acreage, over which fee is applied, is calculated same as Zone 11 per Section 2.50.050(H)		
1. Credit amount shall be the least of actual cost or unit price shown in this fee plan		
2. Jute mat or equivalent (hydroseed is Zone 11A on Schedule D)		
3. Credit for fine grading and erosion work at non-trunk inline water quality as shown on landscape plan		
4. Credit amount shall be the least of Schedule D unit price or total shown in this fee plan for each feature		
5. Credit amount shall be the least of actual cost or unit price shown in this fee plan		
6. Credit amount shall be actual cost or unit price shown in this fee plan		
7. Maximum land value credit if not encumbered (e.g. by existing easement, vernal pool, wetland)		
8. Assuming Zone 11A maximum obligation of \$100,000 per acre (2004), ENR inflated to	\$ 123,697	/AC
9. Credit calculation for buffer and basin land encumbered by wetlands, requiring off-site mitigation per Corps permit, will		
be less zero dollars or the unit price shown less the actual off-site mitigation cost, whichever is greater		

**Vineyard Springs Supplemental Drainage Fee****Zone 11W Fee and Credit Schedule****SCHEDULE W**Effective March 1,  
2019**FEE SCHEDULE**

Residence on 1 acre	\$13,148	/AC
Residence on 0.5 acre	\$13,541	/AC
Residence on 0.2 acre	\$15,901	/AC
Residence on 0.12 acre	\$17,385	/AC
Residential on RD20 to RD30	\$19,307	/AC
Commercial and Parking Lots	\$21,350	/AC
Public School Campus	\$16,665	/AC
Active Park	\$0	/AC
Open Space	\$0	/AC

**NOTES**

Interpolate between above listed fees based on development density in same manner as Zone 11A fee

Area over which fee is applied is calculated in same manner as Zone 11A fee

**CREDITS**

Riparian Enhancement Landscaping (Channel) [1]	\$70	/LF
Riparian Enhancement Landscaping (Basin Perimeter) [1]	\$16	/LF
Erosion Control [2]	\$12	/LF
Lineal Water Quality Features [3]	\$6,182	/EA
Trails and Drainage Maintenance Access		
Creel Trail Crossings		
Low Flow Crossings [4]		
Temporary Weir at G46 Basin		
Truck Haul [5]		
Real Estate Acquisition [6],[7] --		
Channel Easement in Future Channel Floodplain (from/to top of bank)	\$57,269	/AC
Upland Buffer (unincumbered)	\$143,172	/AC
Water Quality Basin Land (unincumbered) [8]	\$143,172	/AC
Basin and Channel Preserve (encumbered by aerial easement)	\$57,269	/AC
Channel (encumbered by underground utility easement)	\$7,159	/AC
Basin and Channel Preserve (encumbered by underground and arial easements)	\$36,079	/AC

**NOTES**

1. Credit amount shall be least of amounts listed on the schedule or actual cost

2. Jute mat or equivalent (hydroseed is paid by Zone 11A)

3. Credit for fine grading and erosion work at non-trunk inline water quality as shown on landscape plan

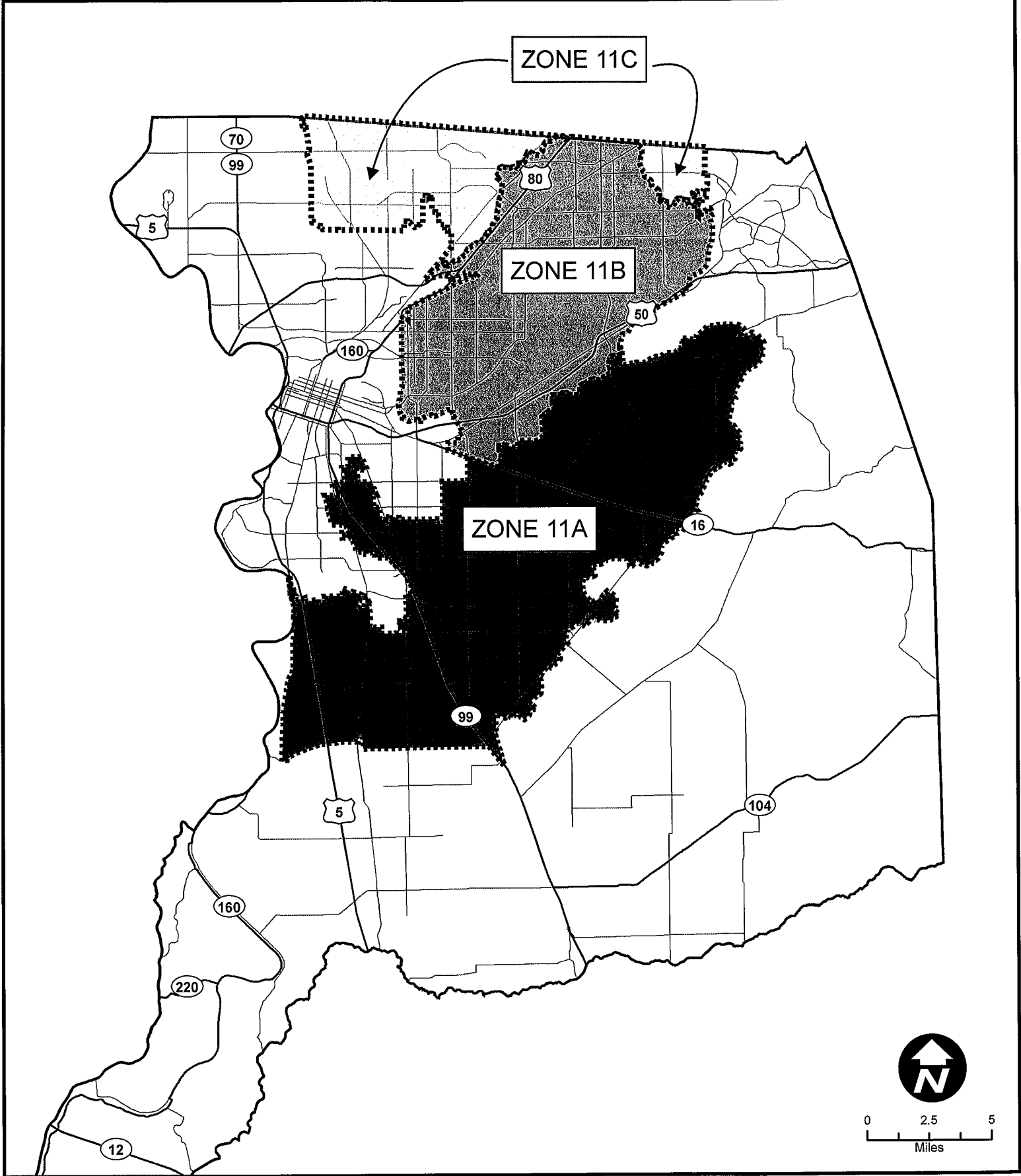
4. Credit amount shall be least of Schedule D unit prices or amount shown on Table 1

5. Price per cubic yard if material is excavated for the benefit of Water Resources and cannot be scraper hauled to a fill site (in addition to Zone 11A, Schedule D credit amount)

6. Credit amount for land shall be the least of listed values or valuation by County Real Estate Division

7. Land value will be reduced by the cost of wetlands that are being mitigated (off-site) by this fee plan

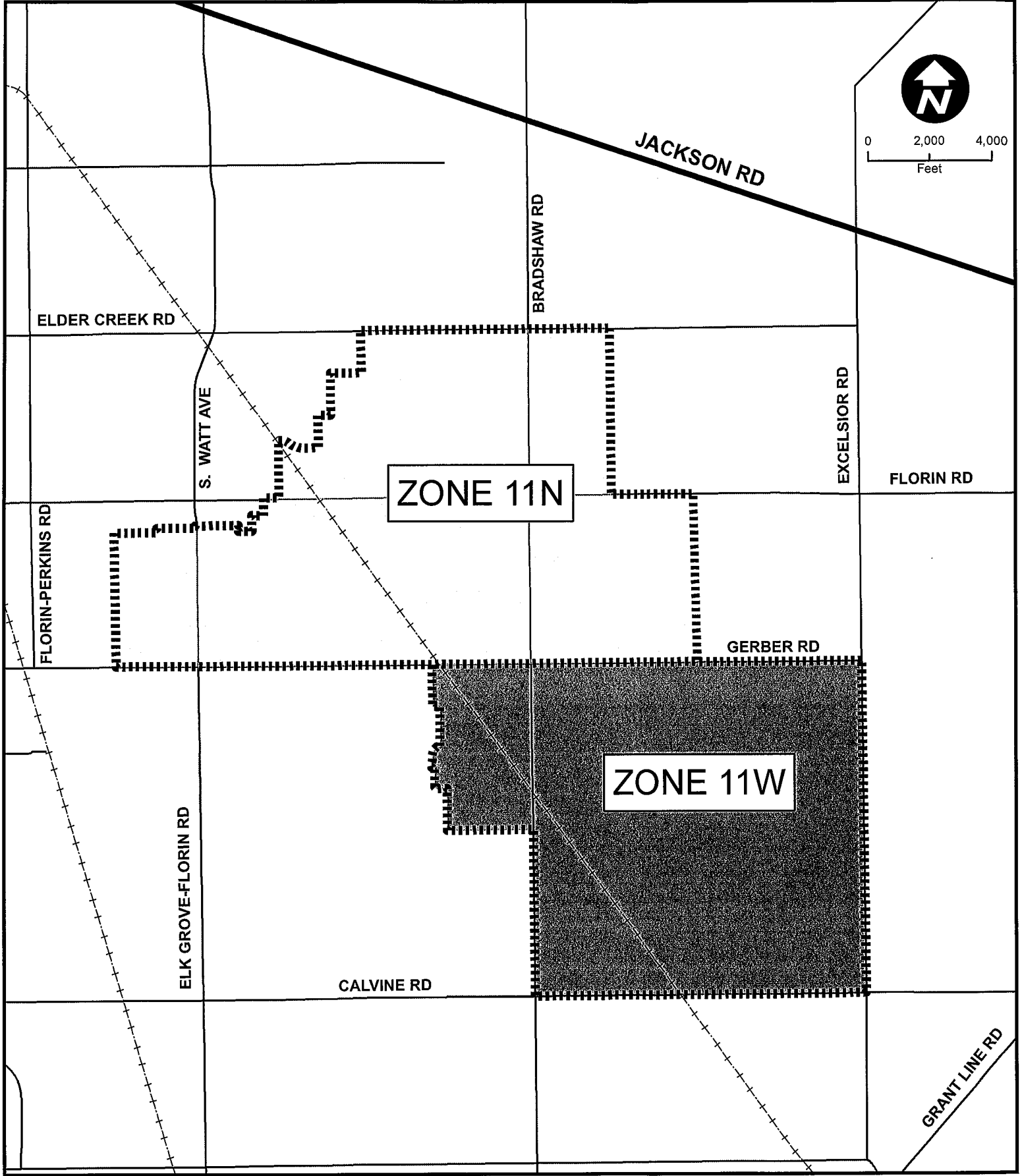
8. Only for water quality basins serving more watershed than lands controlled by the developer receiving the credits



COUNTY OF SACRAMENTO  
 SACRAMENTO COUNTY WATER AGENCY  
 ZONE 11A, 11B, AND 11C



Department of Water Resources



COUNTY OF SACRAMENTO  
 SACRAMENTO COUNTY WATER AGENCY  
 ZONE 11N AND 11W



Department of Water Resources