

APR 12 1994



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Darren E. Duff
EXECUTIVE SECRETARY

March 21, 1994

To: Board of Directors (Water Problems Committee--Action)
From: General Manager
Subject: Informal Approval of Concurrent Annexation of Annexation
No. 45 to Calleguas Municipal Water District and The
Metropolitan Water District of Southern California.

Report

By letter dated February 27, 1994, Calleguas Municipal Water District (Calleguas) has requested informal approval of the concurrent annexation of an uninhabited area designated as Annexation No. 45 to Calleguas and The Metropolitan Water District of Southern California (Metropolitan). This annexation area comprises 1.11 acres.

The proposed annexation area shown tinted red on the attached map is located within the City of Oxnard, west of Ventura Road and north of Devonshire Drive. The property is owned by the Bank of Montecito and is currently undeveloped. Calleguas has indicated that this area will be developed with a single family home. Attachment "A" to this letter provides additional information on the zoning, land use matters, and other data pertinent to this annexation.

Section 3201 of Metropolitan's Administrative Code states that a window should not be created unless the Board finds that Metropolitan's interests will not be adversely affected. The proposed annexation will partially fill in an existing window. Please note that the resultant window is comprised of Parcels A and G of Calleguas' Annexation No. 44, and will be completely filled in upon their annexation.

Calleguas has submitted a Plan for Implementing Water Use Efficiency Guidelines (Plan), a copy of which is included as Attachment "B", pursuant to Section 3107 of Metropolitan's Administrative Code. Staff has reviewed the Plan and finds that it adequately addresses the requirements of the guidelines. The projected annual water demand on

Metropolitan is approximately 0.65 AFY as detailed on Attachment "A".

The annexation charge has been calculated pursuant to Section 3300 of Metropolitan's Administrative Code. Utilizing the \$2,132 per acre rate and the sum of \$5,000 for processing costs, the annexation charge amount is \$7,366.52 if completed by December 31, 1994

This annexation is subject to the provisions of the California Environmental Quality Act (CEQA). CEQA will be complied with prior to the time that formal approval of this annexation is requested from Metropolitan. At that time, as required by CEQA, your Board will be requested to review and consider pertinent environmental documentation.


Board Committee Assignment

This letter is referred to the Water Problems Committee for action because of its authority to review and consider requests for annexation, pursuant to Administrative Code Sections 2481 (g) and 3102.

Recommendation

WATER PROBLEMS COMMITTEE FOR ACTION.

It is recommended that your Board and any committees acting upon this request: (1) find that the interests of Metropolitan will not be adversely affected by the partial filling in of the existing window; (2) approve the Plan for Implementing Water Use Efficiency Guidelines for this proposed annexation and (3) give informal approval for the concurrent annexation of Annexation No. 45 to Calleguas and Metropolitan conditioned upon a cash payment to Metropolitan of the annexation charge of \$7,366.52 if completed by December 31, 1994 or at the then current per-acre rate if completed after December 31, 1994, subject to such terms and conditions as may be fixed by your Board in granting formal consent to such annexation when a request therefor has been received.

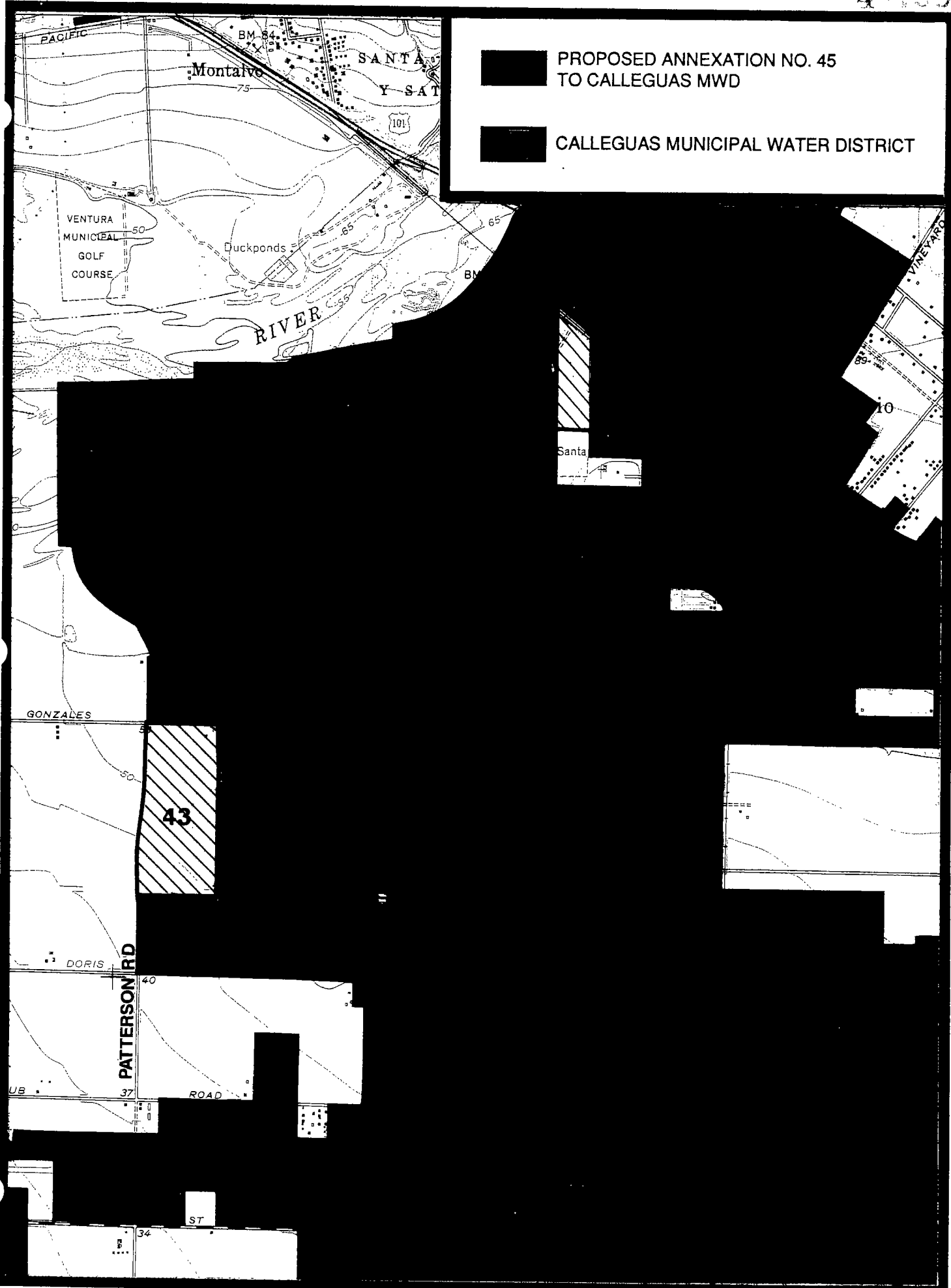

John R. Wodraska



PROPOSED ANNEXATION NO. 45
TO CALLEGUAS MWD



CALLEGUAS MUNICIPAL WATER DISTRICT



ATTACHMENT A

Annexation No. 45 to Calleguas MWD**OWNER(S)**

- Bank of Montecito

PROPERTY USE**Current Land Use**

- Undeveloped (vacant)

Current Zoning

- R-1PD (SFR)

PROPOSED USE**Proposed Land Use**

- 1 Single Family Residence

Proposed Zoning

- No change

PROPOSED WATER USE**TOTAL DEMAND**

568 HCF = 1.3 AFY

1/2 United Conservation Ground Water

1/2 Calleguas/MWD Water

Demand on Calleguas/MWD = 0.65 AFY

IMPLEMENTATION PLAN

WATER USE EFFICIENCY GUIDELINES FOR
ANNEXATION NO. 45 TO
CALLEGUAS MUNICIPAL WATER DISTRICT
AND
METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

GENERAL DESCRIPTION OF ANNEXING AREA

This annexation consists of the following parcel containing the acreage indicated:

Gross and Net Acres is 1.11.

The property is undeveloped. It is owned by the Bank of Montecito. It is not receiving water from the City of Oxnard.

ANNUAL WATER USAGE

Estimated at 568 HCF

CALLEGUAS WATER MANAGEMENTPEAK WATER USAGE

Bard Reservoir

Calleguas owns and operates Bard Reservoir, which has a capacity of 10,500 acre-feet of water. Calleguas' system sets flows based on past system averages for its service area from MWD for a given 24-hour period and meets peak daily water demands from Bard Reservoir.

Seasonal Storage

In conjunction with MWD, Calleguas is presently constructing the first of five wells that are planned to be built within the North Las Posas Basin. Each well is designed to inject an estimated 1,000 acre-feet of pre-treated water during the winter months for storage through MWD's seasonal storage program, and will then be extracted during the summer peak months, thereby reducing peaking from MWD's system. Storage of 5,000 acre-feet of water would represent a six percent demand reduction by Calleguas from MWD through the peak months based on current water demands.

The Cities of Oxnard and Camarillo, and Camrosa Water District, have implemented a similar program within their service areas that have significantly reduced summer peaking

off of Calleguas' system.

High and Low Flow Penalties

In 1982, Calleguas revised Ordinance No. 12 (water service) to include a penalty to its purveyors for peaking off Calleguas' system. In 1987, Calleguas included a penalty based on low flow. Both penalties were imposed on the purveyor to direct their responsibility to increase water storage within their service areas.

Local Area Water Management

Water demands (peaking) from the MWD/Calleguas system can be effectively managed through the inter connection systems of Calleguas and the City of Oxnard.

Several of Calleguas' purveyors extract water from the local ground water basin within Calleguas' service area. In the event of a curtailment of water that is longer in duration than previously stated, Calleguas would be able to request its purveyors to increase their production.

The Oxnard distribution system has the ability to increase water deliveries from several sources to offset peaking:

- Seasonal storage ground water extraction from the upper Oxnard aquifer
- Ground water extraction from the Fox Canyon aquifer
- Direct delivery from the United Water Conservation District
- Drawing from the 18 million gallon terminal storage Springville Reservoir which is owned by Calleguas
- * Groundwater extraction from the Hueneme aquifer

The City of Oxnard has completed its third year of the Seasonal Storage Program. As of July 1993, during the third year of participation, Oxnard directly injected 1,724.83 acre feet of water during the winter months, and will expend the stored water during the peak summer months.

WATER CONSERVATION

Additional water demands placed on MWD will be minimized by incorporating the following conservation measures.

Calleguas:

Calleguas participates in the Ventura County Water Conservation Management Plan, which is the only county-wide water conservation program in the state. This program is well-recognized throughout the state as a positive effort for water management. The program is funded by Calleguas, two other water wholesalers in Ventura County, and the County of Ventura.

- Urban water conservation measures include landscape, educational, commercial/industrial and public information programs.
- Agriculture water conservation measures include educational activities and On-farm Conservation Measures Coordination.

Calleguas also participates in the Mobile Irrigation Laboratory Program of Ventura County, which is funded by the State Department of Water Resources, Special Districts, MWD, Calleguas, and two other water wholesalers in Ventura County. The program provides training courses and on-site audits of irrigation systems for large turf areas and agriculture to maximize efficient use of water for irrigation.

The Board of Directors of Calleguas adopted Resolution No. 772, requiring installation of ultra-low water consumption plumbing fixtures in new construction.

Calleguas also provides to its purveyors residential water conservation kits and literature.

Annexing Area:

The City of Oxnard has implemented several water conservation programs, the type of which depends upon numerous factors including, but not limited to, parcel type, use of parcel, and location. As such a detailed summary of the programs applicable to the parcel

RECLAIMED WATER

Calleguas:

The Board of Directors of Calleguas adopted Resolution No. 773, promoting the use of reclaimed wastewater supplies. Calleguas requires that its purveyors develop the use of reclaimed wastewater for green belts and large turf irrigation. At present, approximately 869 AFY of reclaimed wastewater is sold to golf courses within Calleguas' service area with an additional 1,500 AFY to be made available in the next two years.

Annexing Area:

The City of Oxnard's Wastewater Treatment Plant is not presently used for water reclamation and reuse. The City Council has directed that water reclamation be a priority and the City will be issuing a Request for Proposal (RFP) for use of reclaimed water this year.

WATER DELIVERY CURTAILMENT

Calleguas:

Calleguas has an integrated water delivery system which allows all areas in its service area to receive water from two alternative sources of water. The main source of water supply is from MWD via Jensen Treatment Plant and Distribution System. The second source of water is from storage in Bard Reservoir, used for system peaking and emergency storage. Bard Reservoir's storage capacity (10,500 acre-feet) is adequate to supply water for total system usage for periods of 15 to 20 days at maximum demands during the summer and in excess of 45 days during winter months. In addition to Bard Reservoir, Calleguas has seven reservoirs that have a combined storage of 42 million gallons.

Several of Calleguas' purveyors pump water from the local ground water basin within Calleguas' service area. In the event of an emergency, curtailment of water from MWD as a result of a major facility failure that is longer in duration than previously stated, Calleguas could impose a water rationing plan and request its purveyors to increase their groundwater production to extend the District's reservoir reserves for other areas that do not have groundwater supplies.

CAPITAL CONSTRUCTION CHARGE

In 1980, Calleguas implemented a capital construction charge for all new development within its service area. The charge

was established to raise the funds necessary to build additional facilities required for expansion of Calleguas' service area. Additionally, Calleguas assessed a capital construction water rate charge to its purveyors on water usage to augment the capital construction program. Calleguas' Master Plan approved by the Board of Directors identifies the facilities that will be constructed to meet its future water demands.

URBAN CONSERVATION BEST MANAGEMENT PRACTICES

To the extent practicable to do so, within the limits of its authority and jurisdiction, Calleguas Municipal Water District intends to apply the Urban Conservation Best Management Practices as set out in Attachment A to this Implementation Plan.

WATER USE EFFICIENCY GUIDELINES

To the extent practicable, the City of Oxnard and the annexing areas shall comply with the following requirements of the Metropolitan Water District of Southern California (hereinafter "Metropolitan") and the Calleguas Municipal Water District (hereinafter "Calleguas"):

A. Annual water demand shall be minimized by incorporating water conservation measures into any development plans.

The City of Oxnard presently receives treated water from Calleguas, and local ground water from United Conservation District, and blends this water at a 1 to 1 ratio, MWD/Calleguas water with local water respectively. The blended water would be used for all of these annexing areas.

B. Reclaimed wastewater or other non-potable water shall be used wherever possible. If such supplies do not presently exist, a dual distribution system shall be constructed wherever reasonably possible to accommodate such supplies when they become available in the future.

C. Water conservation landscape will be promoted on the parcel.

COMPLIANCE

Calleguas accepts the responsibility for assuring compliance with the provisions of Metropolitan's Water Use Efficiency Guidelines as indicated in this Plan and shall report to Metropolitan regarding such compliance.

Dated: March 15th, 1994.

CALLEGUAS MUNICIPAL WATER DISTRICT

By Donald R. Kendall
Dr. Donald R. Kendall

ATTACHMENT A
URBAN CONSERVATION BEST MANAGEMENT PRACTICES

1. Interior and Exterior Residential and Governmental/Institutional Water Audits
- 2a. Enforcement of ULFT Requirement in New Construction Beginning January 1992
- 2b. Support of State and Federal Legislation Prohibiting Sales of Toilets that Use More Than 1.6 Gallons per Flush
- 2c. Residential Plumbing Retrofits
3. Distribution System Water Audits, Leak Detection and Repair
4. Metering with Commodity Rates for All New Connections and Retrofit of Existing Connections
5. Large Landscape Water Audits and Incentives
6. Support of and Compliance with "Water Conservation in Landscaping Act" (AB325) for Commercial, Industrial, Institutional, Governmental and Multifamily Developments
7. Public Information
8. School Education
9. Commercial and Industrial Water Conservation
10. New Commercial and Industrial Water Use Review
11. Conservation Pricing
12. Support of and Compliance with "Water Conservation in Landscaping Act" (AB325) for Single Family Homes
13. Enactment and Enforcement of Water Waste Prohibition Ordinances
14. Designation of a Water Conservation Coordinator
15. Financial Incentives
16. Ultra Low Flush Toilet Replacement